



42C03NW0008 2.11809 PUKASKWA RIVER

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EXPLORATION REPORT AND  
GEOCHEMICAL MAPS  
ON THE PROPERTY OF  
KOALA RESOURCES LTD.  
PUKASKWA RIVER AREA, ONTARIO

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MINING LANDS SECTION

H. FERDERBER GEOPHYSICS LTD.

November, 1988  
Val d'Or, Quebec

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EXPLORATION REPORT  
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KOALA RESOURCES LTD.

PUKASKWA RIVER AREA, ONTARIO

INTRODUCTION

Between July and September 1988 at the request of Koala Resources Ltd. an exploration program was undertaken by H. Ferderber Geophysics Ltd. on the Koala Resources property in the Pukaskwa River Area.

The exploration program consisted of line cutting over 177 claims, geochemical, magnetic and VLF-electromagnetic geophysical surveys followed by 10 diamond drill holes to investigate potential gold and basemetal targets determined by the surveys.

During the survey work old exploration lines and drill sites were noted to help tie in previous work to the present grid system.

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PROPERTY DESCRIPTION, LOCATION AND ACCESS

The Koala Resources Ltd. property is comprised of 177 claims in the Pukaskwa River Area, Sault Ste. Marie Mining Division, Ontario. The claims cover approximately 2832 hectares in the southeastern and south central part of the area as a block of 176 claims and a single claim which lies 2.5 km east of the claim block. The claims are registered with the Ontario Mining Recorder's Office at Sault Ste. Marie and are listed in Appendix I.

The property is located about 63 km (38 miles) west-northwest of the town of Wawa, 53 km (32 miles) south-southwest of the town of White River and 90 Km (54 miles) southeast of the town of Marathon.

Access was obtained by helicopter from a gravel pit by the Granges Mines Exploration camp. The camp is located at the end of a 52 km gravel road which extends westward from highway 17 about 50 km north of Wawa.

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The property is forested by spruce, jack pine, birch and occasional maple. Small lakes and swamp cover about 5% of the area. Drainage is to the southwest with creeks having dominate and subdominate trends southwest and northwest respectively.

The East Pukaskwa River lies about 3 km southeast of the claim block, flows southwest. The topographic relief is high ranging from 1350 to 1900 ft. above sea level. Regional folding of the rocks having created a series of northeast trending ridges and valleys. Outcrop density ranges from 10-35%.

Overburden is thin, consisting of fluvial and glacio fluvial sand and gravel.

A northwest trending electric power transmission line lies about 13 km west of the property. The gravel road to the Granges Mine Exploration passes under the power line.

Supplies, services and qualified manpower are available in the Wawa-White River-Marathon area.

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REGIONAL GEOLOGY

The property is situated in the western end of the Kabenung Lake Greenstone Belt of the Superior Province of the Canadian Shield. The Kabenung Greenstone Belt extends from Kabenung Lake in a west-southwest direction for a distance of about 50 km (30 miles).

The western end of the belt is comprised of Archean metavolcanic and metasedimentary rocks intruded by granitic to gabbro stocks and diabasic type dykes. Numerous gold showings have been discovered in the Mishibishu Lake Greenstone Belt which lies about three kilometers south of the property.

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The Ontario Department of Mines Geological Compilation Map 2220 the Manitouwadge-Wawa sheet the Department of Mines Geoscience Report 153 and accompanying maps 2332 and 2333 and a report, Mineralization of the Mishibishu Lake Greenstone Belt, by K.B. Heather of the Ontario Geological Survey described the geology of the area. These maps and reports indicate that the single claim east of the claim block is underlain by east-west trending metasediments: greywacke, sandstone and arkose.

An iron formation extends between the single claim and the claim block, pinching out in the southwest corner of the claim and the northeast part of the claim block. A synclinal fold axis lies along the southern boundary of the single claim and extends westward to the claim block sub-parallel the iron formation.

The claim block is indicated as being about 50% underlain by mafic to intermediate rocks, 5% by metasedimentary rocks, 10% by gabbro, and 35% by granitic rocks. The metasedimentary rocks (greywacke, sandstone and arkose) traverse the claim block as a narrow unit extending from the northern part of the eastern boundary pinching out near the south central part of the western boundary. North and south of the metasedimentary unit lie metavolcanic rocks indicated as massive to foliated andesite to basalt.

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A band of similar mafic metavolcanic rocks are shown as trending northeast traversing the northwest corner of the claim block.

A lense of iron formation lies in the metavolcanics north of the metasedimentary unit in the centre part of the claim block. Two northeast trending diabase dykes lie about 200 and 300 m south and north of the iron formation, respectively.

Granitic rocks are indicated as underlying the northwest corner, the southwest corner and between the band of metavolcanic rocks in the northwest part of the property and the metavolcanics north of and adjacent to the metasedimentary unit.

The mafic to intermediate metavolcanics in the southeast corner of the claim block have been intruded by a granitic body. A late gabbroic intrusive body is shown as underlying the south central part of the claim block, cross cutting granitic and metavolcanic rocks.



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The international Bibis Prospect is located about 200 meters east of the southeast corner of the claim block. Seven holes totalling 682.1 m (2,238 feet) were drilled. Six holes intersected a mineralized zone. The best result was 1.47% copper over 5.2 m (17 feet). The mineralized zone is 3 to 4.5 m (10 to 15 feet) wide, at least 120 m (400 feet) long, and strikes about N60W with a steep dip to the north. The mineralization consists of seams and disseminated grains of pyrite, chalcopyrite, and possible bornite and sphalerite distributed irregularly in highly sheared silicified, and carbonatized mafic metavolcanics. Felsic metavolcanics lie a few feet to the north of the mineralized zone and may in part be a fault contact with the mafic metavolcanics. Dykes, sills and veins of granitic rocks have intruded the adjacent rocks.

Six grab samples were taken from the showing and were analyzed by the Mineral Research Branch, Ontario Division of Mines. The results range from trace to 0.59 percent copper with one selected specimen yielding 5.58 percent copper and 0.66 ounces of silver per ton. Lead, zinc, and gold were detected in trace amounts only.

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The Burrex pyrrhotite, chalcopyrite occurrence is situated about 1.25 km east of the southeast corner of the claim block. Overburden stripping and trenching of one of seven previously defined geophysical anomalies disclosed the presence of pyrite and graphite. Analyses of grab samples of the pyrite mineralization gave only minor amounts of precious metals and no copper. In the only other Burrex anomaly shown to be due to the presence of sulphide mineralization trenching exposed what is described in Burr's report as "heavy to massive pyrrhotite up to 23 feet in width". The best analysis of a grab sample is reported to be 0.18% copper and 0.03 ounce of silver.

In 1949 Amichi Gold Mines Limited discovered gold-bearing quartz veins about 300 m (1,000 feet) north of the north shore of Mishibishu Lake, approximately 12 km southeast of the property. Considerable trenching, stripping and assaying were carried out in 1950. There is no report of diamond drilling. The gold occurs in a pyrite and ankerite-quartz vein 25 to 91 cm (10 to 36 inches) wide and in 0.3 to 1.5 m (1 to 5 feet) wide shear zones

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on either side of the vein. The mineralized zone strikes about N50W for a distance of as much as 300 m (1,000 feet) in metamorphosed greywacke, slate, and arkose. A company report (Resident Geologist's Files, Ontario Ministry of Natural Resources, Sault Ste. Marie) gives the following assay results:

Pukaskwa River-University River Area

Width			Gold		
cm	inch	ounces/ton	cm	inches	ounces/ton
45	18	0.23	97	38	1.48
86	34	1.92	76	30	0.26
114	45	1.07	107	42	0.19
76	30	1.39	107	42	0.27

Average width 86 cm (34 inches)

Average grade 0.87 ounces per ton

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The above assay results are reported to have been obtained from 75 m (240 feet) long section of the vein bounded by east-striking faults. Although extensions of the vein system were located, the only assays of commercial grade are those quoted above.

The Hollinger (Mishibishu Lake) gold occurrence, 1937, lies approximately 13 km southeast of the property. The gold occurs in 10 to 12 east-striking quartz veins and lenses 0.6 to 1.2 m (2 to 4 feet) wide and 18 to 24 m (60 to 80 feet) long, which lie within a zone of highly sheared mafic to intermediate metavolcanics and quartz porphyry about 90 m (300 feet) wide and 600 m (2,000 feet) long. This zone also strikes east, and dips steeply to the north. Disseminated pyrite is common within the shear zone and veins, and minor chalcopryrite, galena, and sphalerite are reported. Five selected samples were collected from old trenches on the deposit in 1968, and were assayed by the Mineral Research Branch, Ontario Division of Mines. Two samples were found to contain 0.82 and 0.40 ounce of gold per ton and trace silver. The remaining samples contained only trace amounts of precious metals.

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The Erie Canadian gold occurrence, 1937, is situated about 1 km west of and adjacent to the Hollinger occurrence. The gold-bearing quartz veins and shear zone of Hollinger occurrence were found to continue for about 240 m (800 feet) eastward on to the Erie Canadian Mines Limited, but the only significant assay obtained was 0.8 ounce of gold per ton over 1 m (3 feet) (Resident Geologist's Files, Ontario Ministry of Natural Resources, Sault Ste. Marie).

The Amichi Gold Mines Limited, gold discovery, Hollinger gold occurrence, and the Erie Canadian gold occurrence all lie in the Mishibishu Lake Greenstone belt about 2 kilometers south of the Kabenung Lake Greenstone belt.

The No Name Lake gold showing was discovered in 1984 on the Central Crude-Noranda property also in the Mishibishu lake Greenstone Belt approximately 10 km southeast of the property. Grab samples containing gold values of up to 0.71 oz/ton, were collected in quartz veins within a shear zone between mafic volcanic rocks and an intermediate volcanic flow and pyroclastic

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rocks. Recent sampling during the summer of 1987 identified a structure 200 to 700 meters wide and 4 km long, containing seven anomalous gold zones, ranging in widths from 0.5 m to 11 m. Grab and chip samples assayed from 0.01 oz/ton to 28 oz/ton. The gold was found in intermediate to felsic metavolcanic rocks located on the Central Crude Noranda Property.

The Mishibishu Lake Deformation Zone associated with several of the gold occurrences in the Mishibishu Greenstone Belt is comprised of several shear zones totaling up to 500 meters also is host to the Magnacon (Muscocho Exploration Ltd.), the Granges-MacMillan (Granges Exploration Ltd.), the Scuzzy little lake (Dominion Explorers Ltd.) and the Discovery (Westfield Minerals Ltd.) gold showings. They are situated near volcanic-sediments contacts along the deformation zone. The geology of the Koala Resources property in the Kabenung Lake Greenstone belt is similar to that of the Mishibishu Greenstone belt and has similar potential for discovery of gold mineralization.

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SURVEY METHODS AND INSTRUMENT DATA

Grids were established by cutting base and tie lines east-west, and crosslines were then cut north-south at 400 foot separations. All lines were chained and picketed at 100 foot intervals. A total of 169.85 miles of line were cut covering the entire 177 claims. The main grid covers the claim block and grid 2 covers the single claim to the east of the claim block.

The magnetic survey was conducted using a GEM GSM-8 proton precession magnetometer. The GSM-8 magnetometer measures the total intensity of the earth's magnetic field in gammas. It has a sensitivity and repeatability of one gamma or better. Readings were taken at 100 foot stations except over anomalies where the station density was increased. Base stations for determining the magnetic diurnal variations were established on the grid. The total field readings, corrected for diurnal variations, are plotted on maps MG-1 to MG-12 at a scale of 1"=200' covering the entire property. All readings are 58,000 gammas plus plotted values. The data was contoured at 0, 100, and 1000 gamma intervals.

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The VLF-electromagnetic survey was performed using a Geonics EM-16 unit. The transmitter station at Cutler, Maine, (NAA), frequency 24.0 kHz was used. The Frazer (1968) method of filtering was performed on the raw in-phase data. This transforms the zero cross-overs to peaks for contouring purposes and helps to reduce geological noise. The filtered data was plotted and contoured at 10% intervals on maps EM-1 to EM-12 at a scale of 1"=200'. The conductor axes were determined and numbered 1,2,3, etc. No priority was attached to the labelling system.

The geochemical survey over the entire property was carried out by collecting soil samples of the "B" horizon at 100 foot intervals. Where the "B" horizon was not developed no sample was taken. Grub hoes and long bladed spades were used for sample collection. A total of 5843 samples were obtained of which 3644 have been assayed. The assay values have been plotted on maps GS-1, GS-2, GS-3, GS-4, GS-5 and GS-6 at a scale of 1"=200'. These maps cover 98 claims, 90.2 line miles, which make up the western part of the grid system.



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Topography was noted during the surveys and has been indicated on 12 sheets at a scale of 1"=200'.

Geological mapping was carried out at a scale of 1"=200 feet. All outcrops were located relative to the grid system by pace and compass.

Outcrops, structural information, sample locations along with assay numbers and results are plotted on maps G-1, G-2, G-4, G-5, G-6 and G-12. Diamond drill hole locations and significant values are also indicated. Geological contacts have been drawn on the maps with the aid of magnetic survey results. A total of 41.5 miles of geological mapping was accomplished. The single claim east of the main block was entirely mapped. Mapping was completed on 45 of the 66 claims having priority in the west part of the property.

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RESULTS AND INTERPRETATION OF THE SURVEYSMagnetic Survey

The results of the magnetic survey reflect the complexity of the geology of the property. The overall magnetic pattern indicates the general strike of geology is east-west. A large distinct area of high magnetic anomalies is located in the south central part of the claim block maps MG-2, 3, 9 and 11.

Magnetic values up to and in excess of 5000 gammas above background were recorded. The high magnetic values and contour pattern are indicative of mafic intrusive rocks probably late gabbro as indicated on map 2332 Department of Mines Geoscience Report.

Two linear magnetic low anomalous zones trending northeast and northwest traverse the area of high magnetic values. The magnetic low zones are most apparent on map MG-5. The northeast trending zone coincides with a creek. The linear low magnetic zones may represent faults.

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On map MG-11 a west-southwest trending zone of high magnetic anomalies having magnetic values up to and in excess of 6000 gammas above background. The linear nature and high magnetic values suggest pyrrhotite iron formation. On maps MG-4 and MG-6 a long linear east-west trending magnetic high anomalous zone was defined. This anomalous zone was explored by diamond drill hole # K-5. Massive sulphides as 20% pyrite and 70% pyrrhotite were encountered over a width of 9 feet at 241.9' to 250.9'. At a depth of 462.0' to 464.3' in a section of intermediate mafic metavolcanics a sample assayed 0.09 oz/ton gold.

A magnetic high anomalous zone similar to the east-west trending zone above, extends east-northeastward from the western end of the east-west zone, on map MG-4 and across MG-5.

A magnetic high anomaly in the south central part of map MG-6 has a contour pattern and magnetic values suggestive of a dioritic/gabbroic intrusive body.

On map MG-4 the linear northwest trending magnetic high anomalous zone located in the southwest corner of the sheet represents a magnetic diorite (diabase) dyke.

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Many of the small magnetic high anomalies on the property appear to represent magnetic diorite (diabase) dykes/sills however during surface mapping some of the diorite dykes/sills examined were non-magnetic. The non-magnetic dykes/sills are masked when hosted in rock of similar magnetic susceptibility. The non-magnetic dykes/sills may be represented by lows in areas having a high magnetic background however the dipolar effect of rocks with strong magnetic susceptibility frequently produces an adjacent low, effectively masking the magnetic expression of the surrounding rock. Therefore only areas where the magnetic contour pattern is distorted and cross-cut but a series of magnetic low anomalies should be considered as possible expressions of non-magnetic dykes or sills.

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on map MG-12 a magnetic high anomaly trends east-west traversing the south central part of the claim. The high may be due to sulphides mineralization related to a shear zone within metasediments. The contour pattern indicate the rocks in this area are dipping steeply northward.

VLF-Electromagnetic Survey Map EM-1

Conductive zone 1, an east-west trending continuous four line conductor extends from L80W\16+50S to L92\12+00S. It has a weak electromagnetic expression, overlies the northern shoulder of a magnetic high anomalous area and has been drilled. Diamond drill hole K-4 intersected a section of orthoquartzite between 173.58' to 176.75 feet containing stringers of sulphides making up 10% of the core and 0.4 feet of iron formation, explaining the conductor. A sample of this section of core assayed 0.11 oz/ton gold over 2.17. Diamond drill hole K-10 was collared 21 feet east of L92W\10+00S. Its intended target was the gold bearing orthoquartzite associated with the conductive zone. The hole intersected a diortie (diabase) dyke which cross cut the anomalous zone associated with the orthoquartzite. Surface geology indicated that the drill hole would not exit the dyke until well past the depth of the intended target.

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Conductive zone 2, a west-northwest trending discontinuous conductor, extends from L96W\18+50 to L52W\30+00S. Between L92W and L72W it has a strong electromagnetic expression associated with magnetic highs.

Diamond drill hole K-6, 36.5 feet west of L84W\20+50S intersected intermediate metavolcanics containing 3 to 5% sulphides as stringers of Po and Py from 42.5-57.1 feet explaining a magnetic high anomaly, however concentration and location of this section does not adequately explain the conductor. A plagioclase porphyritic melanocratic "diabase dyke" was encountered between 252.6-266.1 feet. The upper section of the dyke is moderately brecciated over 3.4 feet. The conductor axes appears coincident with the dyke. The conductor could be the expression of the brecciated section associated with the dyke.

Conductive zone 3 is a west-northwest trending conductor extending from L112W\52+00S westward off the property. It has a strong electromagnetic expression, overlies a similar trending high magnetic anomalous zone and a swamp. It may represent a shear zone.

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Conductive zone 7 extending between L60W\48+50S to L44W\42+50S overlies swampy terrain, a lake and a magnetic low area. It has a weak electromagnetic expression and appears to be the result of topography.

Map EM-2

Conductive zone 8 is a discontinuous east-west conductor extending between L40W\29+00S and L12W\34+00S. On lines L28W, L24W and L20W it has a strong electromagnetic response. At L28W it bifurcates northwestward. Diamond drill hole K-9 explored the conductive zone 200 feet east of L20W. At a depth of 271.0 to 274.8 feet a section of metavolcanics hosting 25% sulphides as stringers was encountered. The sulphides have a pyrrhotite to pyrite ratio of 10:1 and lie below the axes of conductive zone 8. At a depth of 308.8 to 309.9 a similar section of sulphides was intersected. The two sections containing the sulphides sufficiently explain the conductor.

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Conductive zone 9 is a discontinuous east-west conductor on lines L24W\22+50S and L16W\21+50S. Its axes overlies the northern shoulders of several narrow magnetic high anomalies. It may represent a shear zone associated with a geological contact.

Conductive zone 10 is a discontinuous east-northeast trending conductor extending from L52W\53+50S to L32W\48+50S on maps EM-1, EM-2 and EM-3. It has a strong electromagnetic response on L48W and L44W. On L44W and westward it coincides with a magnetic low anomalous zone and from L40W eastward it overlies an area of relatively high magnetic values. Conductor 10 may represent a shear zone

#### Map EM-3

Conductive zone 11 is a northwest trending conductor extending from L24W\66+50S to L40W\56+00S. Conductor 10 on L44W lies along strike of conductor 11 and has its strongest electromagnetic response in this area. Conductor 11 has strong electromagnetic response. It crosscuts the magnetic contour pattern at an oblique angle. It may represent a shear zone.



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Map EM-4

Conductive zone 12 is a continuous conductor extending from L104W\12+50N to L124W\18+50N. Between L104W and L116W it trends northwest. From L116W to 124 it trends east-west. It has a very strong electromagnetic response on L112W. On L108W and L104W it has a strong electromagnetic response and overlies a magnetic high anomaly. Conductor 12 and conductor 4 are separated by a lake. Conductor 12 may be an extension of conductor 4 which was explained by a zone of sulphide mineralization intersected in diamond drill hole K-3.

Conductive zone 13 is a continuous, east-west trending conductor extending from L136W\25+50N to L72W\24+50N. Between L136W and L84W it overlies a magnetic high anomalous zone and has a strong to very strong electromagnetic response. Diamond drill hole K-5 on L104W explored these targets. Intersections of semi-massive sulphides were encountered at depths of 232.3-234.4 feet and 235.5 -236.5 feet. Massive sulphides, 20% pyrite and 70% pyrrhotite were intersected between 241.9 feet and 250.9 feet.

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The sulphide zone assayed nil for gold however from 462.0 to 464.3 feet weakly banded and heavily fractured metavolcanic containing veneer sulphides on fracture surfaces assayed 0.09 oz\ton gold. Conductor 13 is explained by the massive and semi massive sulphides and the associated magnetic high anomalies are the result of the pyrrhotite mineralization.

Conductive zone 14 is a continuous, east-west trending conductor which extends from L100W westward off the property. It has a strong electromagnetic response, overlies a magnetic high anomaly and geologic contact suggesting sulphide mineralization associated with a contact.

Conductive zone 15 is a discontinuous, northwest trending conductor on lines L96W\44+00N, L92W\38+50N and L88W\34+50N. A shear zone was noted at L96W\44+00N during geological mapping and a diamond drill hole K-8 was drilled to explore the shear.

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Between 226.7-236.7 feet a strongly sheared and brecciated zone was encountered. The intersection from 367.2-374.9 feet and 391.8-396.3 feet are brecciated and show varying degrees of chloritization. Conductor 15 can be explained by the shear zones intersected by hole K-8.

Map EM-5

Conductive zone 16 is a long discontinuous northeast trending conductor which traverses the northwest part of the property extending from L100W\57+50N to L40W\88+50N. Between L92W and L104W it trends east-west. Conductive zone 14 map EM-4 appears to be an extension of conductor 16. Conductor 16 overlies a similar trending magnetic high anomalous zone. It has a very strong electromagnetic response on L80W and L76W. It is probably the expression of pyrrhotite/iron formation.

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Conductive zone 17 is a two line east-west trending conductor extending from L64W\71+50N to L60W\72+50N. It has a weak electromagnetic expression and overlies the western end of a narrow similar trending magnetic anomaly. Conductor 17 may represent a shear zone.

Conductor 18 is a two line east-west trending conductor extending from L64W\84+50N to L60W\85+00N. It lies in a relatively flat magnetic area and has a weak electromagnetic expression. It appears to be the result of topography.

Map EM-6

Conductive zone 19 is an east-west trending conductor extending from L36W\48+50N to about 400' west of L52W\47+00N. It has a strong electromagnetic expression on L52W which is probably due to enhancement from the edge of a small lake. The conductor overlies a magnetic low. Diamond drill hole K-1 explored this anomaly. It intersected a sulphide zone from 373.5 to 386.0 feet. The sulphides occur as bands of pyrite and pyrrhotite. Conductor 19 can be explained by the sulphide zone.

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Conductive zone 20 extends from L56W\42+00N to L80W\40+50N, as an east-west trending conductor having several bifurcations. The northeast branch of the conductor has strong electromagnetic responses and overlies narrow linear magnetic high anomalies. The eastern part of conductor 20 is suggestive of a shear zone with associated pyrrhotite mineralization. It has been previously drilled between L56W and L60W, and is probably DDH-1 grid # 8 from Captain Consolidated Resources Ltd. drill program, November and December 1986. DDH-1 intersected heavily disseminated to massive pyrite and massive pyrite hosted in cherty tuffaceous rock from 236.8 to 237.8 feet. A section from 127 to 132 feet had an original assay of 0.042 oz/ton gold however this value did not corroborate with later assays of the section.

Conductive zone 21 is a discontinuous, east-west trending conductor extending from L48W\31+50N to L28W\30+50N. It has a moderate electromagnetic response. Its axes lies in a magnetic low area and topographic relief is low suggesting the conductor is a shear zone.

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Conductive 22 is a continuous east-southeast trending conductor extending from L68W\31+50N to L40W\22+50N. Between L68 and L44W it lies in a magnetic low anomalous area. At L44W it traverses the shoulder between the magnetic low and a distinct magnetic high anomaly. Diamond drill hole K-2, L44W explored conductor 22. A zone containing a 5mm wide pyrite stringer was encountered between 366.25 and 367.00 feet it was associated with quartz\chlorite and 2mm pyrrhotite crystals hosted in a garnet-amphibole schist. The zone may explain a subparallel one line conductor in the south part of the main conductive zone on L44W, however no section of hole K-4 adequately explains the dominate conductor.

Conductive zone 23 is a two line conductor located on L56W\17+00N and L52W\18+50N. It lies along the northern side of a magnetic low anomaly. It is situated in a topographic depression on L56W and at the southern edge of a swamp on L52W. Conductor 23 appears to be the result of topography.

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Conductive zone 24 is a continuous east-west trending conductor extending from L52W\14+00N to L44W\13+50N. On L52W and L48W it lies south of and adjacent to a magnetic low anomaly the geophysical signature is suggestive of a geological contact. At L44W the conductor lies along the south flank of a magnetic high anomaly and may represent a shear zone associated with a dyke.

A one line conductive zone on L40W\10+50N has a strong electromagnetic response. It lies in the vicinity of diorite "diabase" dyke which was noted at the west end of the lake where the exploration camp was situated. It may represent a shear zone.

Conductive zone 25 is a discontinuous east-west trending conductor. A segment, on L28W\4+50N and L24W\5+50N, overlies the northern shoulder of a magnetic high and appears to represent a geological contact. The second segment extends from L8W\10+50N to L4E\10+50N overlies the southern shoulder of a linear magnetic high anomalous zone. The combined geophysical signatures is suggestive of a shear zone associated with a geological contact.

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Conductive zone 26 trends southeast from L4W\6+50N to L4E\1+00N and trends eastward from L4E to L12E\2+50N. It overlies an area having low relief contain several creeks and a swamp. Conductor 26 appears to be the result of topography.

Map EM-7

Conductive zones 27 and 29 are subparallel, northwest trending discontinuous conductors extending from L44E\11+00N to L0\45+00N and from L52E\29+50N to L4E \59+50N, respectively. They have no evident magnetic correlation. Conductor 29 coincides with a depression in a hill top and the majority of conductor 27 overlies similar topographic relief. Conductors 27 and 29 appear to be the result of topography however it is possible the relief is an expression of underlying geology. The conductors may be subparallel shear zones.



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Conductive zone 28 is a discontinuous, east-west trending conductor lying between L24E\5+50N and L32E\7+00N. It has a weak electromagnetic response. On lines L24E and L28E it overlies a narrow magnetic high. Conductor 28 is suggestive of shear zone associated with a "diabase" dyke\sill.

Conductive zones 30 and 31 in the northeast corner of map sheet EM-7 appear to be the result of topography.

Conductive zone 32 is a discontinuous northeast trending conductor extending from L52E\6+50N map EM-7 to L32E\7+00S map EM-9. It overlies a similar trending narrow linear magnetic low anomalous zone and lies in a topographic low containing a swamp and a creek. Conductor 32 has its strongest electromagnetic expression on L44 where it is cross cut by an east-west trending conductive zone. Conductor 32 is suggestive of a shear zone.

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Conductive zone 33 is a discontinuous northeast trending conductor extending from L44E\7+00N to L52E\12+50N. It has a weak to moderate electromagnetic response and overlies swampy terrain. It appears to be the result of topography.

Map EM-9

Conductive zone 34 is a continuous west-northwest trending conductor extending from L48E\21+50S to L36E\16+50S. It lies in a magnetic high anomalous area, has a weak to moderate electromagnetic response and cross cuts topography. It may represent a shear zone.

Conductive zone 35 is a west-northwest trending conductor consisting of two parts. It extends from L48E\25+00S to L56E\28+50S on map EM-9 and from L76E\39+50S to L92E\45+00S. It has a weak electromagnetic response. The western segment cross cuts the magnetic contour pattern where as the eastern part lies along the northern flank of a series of magnetic high anomalies. The western segment lies in a depression and the eastern part coincides with a ridge except for on L88E where data was not obtain due to a lake. The conductor appears to be related to topography.

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Conductive zone 36 is a discontinuous west-northwest trending conductor shown on maps EM-9 and EM-10. It lies between L40E\32+50S and L108E\60+50S and appear to follow topography. On L60E it has a strong electromagnetic response and lies in a swamp. It may be the result of a shear zone with a coincident topographic expression.

Conductive zone 37 is a discontinuous west-northwest trending conductor lying between L36E\51+00S and L8E\40+00S. From L16E to L24E the conductor overlies an assumed contact between intermediate to mafic intrusive body defined by a magnetic high adjacent to rocks of lower magnetic susceptibility.

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Conductor 37 is suggestive of a shear zone part of which is associated with a geological contact.

Map EM-11

Conductive zones 38 and 39 are east-west trending conductors extending from 12E\54+50S to L16E\54+50S, and L16E\73+00S to L20E\72+50S, respectively. They overlie magnetic lows between magnetic highs and are suggestive of shears associated with geologic contacts.

Map EM-10

Conductive zones 40 and 42 are northwest trending conductors extending from L100E\26+50S to L64E\5+00S, and L116E\25+00S map EM-10 to L64E\12+50N map EM-8, respectfully. Their electromagnetic expressions and magnetic correlations are similar to conductors 27 and 29. The conductors may represent subparallel shear zones.

Conductive zone 41 is a southeast trending conductor extending from L96E\29+50S to L116E\38+00S at the edge of the property. It cross cuts magnetic anomalies. Its strongest electromagnetic

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responses, L108E and L112E lie in a swamp suggesting it is the result of topography however it may be a continuation of conductor 40 from L108E eastward.

Conductive zone 43 is a two line conductor extending from L112E\8+50S to L116E\10+50S. It overlies a magnetic high and is situated in a swamp. It may be a shear zone related to a geologic contact.

#### Map EM-8

Conductive zones 44, 45 and 46 are long west-northwest trending conductors extending from L80E\23+50N to L116E\2+50N, L72E\25+50N to L108E\90+00N, and L60E\36+50N to L116E\20+50N. These conductors have moderate to very strong electromagnetic responses, overlie magnetic high anomalous zones having similar trend and are indicative of pyrrhotite\iron formation.

Conductive zone 47 is a discontinuous west-northwest trending conductor lying between L88E\41+50N and L 56E\55+00N. It overlies a weak magnetic high anomalous zone. It may represent a shear zone associated with a geological contact.

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Conductive zone 48 is a continuous east-west trending conductor extending from L64E\5+00N to L72E\2+00N. It follows the trend of the magnetic contour pattern and has a weak to moderate electromagnetic expression. It is suggestive of a of a geologic contact.

Map EM-12 Grid #2

Conductive zone 49 is a one line east-west trending conductor located at L4E\1+50N. It has a weak electromagnetic response, lies between a magnetic low and a magnetic high anomaly and does not appear to be the result of topography. It may represent a shear zone.

Conductive zone 50 is a one line conductor located at L0\1+50S. It overlies a magnetic high, has a weak electromagnetic expression and is open to the west. It appears to be a bedrock conductor.

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GEOLOGICAL SURVEY

A total of 41.5 miles of geological mapping was accomplished. The single claim east of the main block was entirely mapped. Mapping was completed on 45 of the 66 claims having priority in the west part of the property.

Granitic, dioritic, metavolcanic and metasedimentary rocks were encountered during the survey. The metavolcanics and metasedimentary rocks are of the upper greenschist and amphibolite facies.

The dioritic rock as "diabase" dykes/sills can be separated into three distinct categories, magnetic diorite, non-magnetic diorite and gneissic diorite of variable magnetic susceptibility. The gneissic diorite being of an early emplacement.

The non-magnetic diorite is usually melanocratic to mesocratic, very fine grained having porphyritic plagioclase up to 5 centimeters in length.

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The gneissic and magnetic diorites are commonly fine to medium grained with diabasic texture, which in places varied to ophitic.

The diorite dykes/sills have a tendency toward 4 strike directions, north-south, east-southeast, west-southwest and east-west. The east-west direction is suggestive of sills as opposed to dykes.

Two varieties of intrusive granite were encountered. A white biotite granite in the area covered by GG-1 and GG-4 weathers grey white to buff however frequently where it is intruded by diorite it has a red to pink coloration. Its fresh surface is whitish grey with black specs. It is holocrystalline hypidiomorphic, equigranular, coarse to fine grained however averaging medium grained, massive with a weakly gneissic fabric. It is composed of 30% to 60% quartz, 40% to 65% feldspar, 5% to 10% biotite, 0% to 2% hornblende, and 1% or less sulphides. The granite is weakly magnetic to non-magnetic.



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In the vicinity of L96W\12+50N, map G-4, the granite host xenoliths of mafic to intermediate metavolcanics.

A hornblend rich granite, maps GG-2 and GG-6, lies east of the white biotite granite. The hornblende granite has a green and pinkish white to a mottle pink/beige and black pitted weathered surface. It is weakly gossened in places. The fresh surface is mottled pinkish and black to deep red/orange and black. The rock is holocrystalline, hypidiomorphic, equigranular, medium to coarse grained, massive with occasional weakly developed joints, jointing 136 degrees\vertical. It is composed of 20% to 30% quartz, 40 to 55% feldspar, 20 to 35% hornblende, 5 to 10% biotite, with trace chlorite, pyrite and magnetite. It is moderately magnetic.

Granitic gneiss mapped during the survey has a beige to peppered grey, black and white weathered surface and a grayish white to pinkish white fresh surface.

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The rock is equigranular, fine to coarse grained averaging fine grained, massive, weakly to moderately siliceous has a moderately developed fabric and is weakly jointed, jointing 96 degrees/vertical. It varies from no apparent sulphides to trace pyrite.

An area of intermediate to mafic intrusive rock is shown on map GG-6. This is interpreted from the magnetic geophysical data. The paragneiss shown on the same map consists of black and pink differential weathered bands having widths of several centimeters to in excess of 3 meters. The bands have a uniform irregular distribution. The black bands are fine grained, are dominantly biotite and amphibole, have no apparent sulphides and are weakly gossened. The pink bands are medium to coarse grained, potassium feldspar rich and have trace disseminated sulfides. The rock is host to occasional narrow silicified lamilli. The paragneiss is migmatitic in some outcrops in the vicinity of the granitic gneiss, map GG-6.

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Metasediments with infrequent intercalated felsic metavolcanics and intermediate and mafic metavolcanic strike east-westward across the property.

The metasediments with intercalated felsic metavolcanics have a beige-white/tan brown/grey/ pinkish grey weathered surface which is frequently banded and differentially weathered. The bands vary in width from centimeters to several meters. The more massive gneissic quartz rich bands are erosion resistant and stand out. These bands are usually darker in colour, contain biotite varying between 2 and 10% plus or minus 5% amphibole as very fine grains. The biotite imparts a weak fabric to an aphanitic quartzitic ground mass.

The recessively weathered bands are usually lighter in colour, have a pinkish hue, are very fine grained to aphanitic and schistose. The colour and schistosity reflects the primary constituents of these bands, feldspar and sericite.

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Most outcrops were weakly silicified however several moderate and highly silicified outcrops were noted and sampled. Sulphide content varied across stratigraphy, usually the rock contained 1% or less disseminated pyrite. Infrequently gossaned outcrops of metasediments hosted up to 10% disseminated sulphides.

The banded intermediate to mafic metavolcanics have olive green, reddish black, beige and grey banded weathered surface with irregular weak gossan patch. The fresh surface ranges from black to grey green to lighter grey. The bands range in width from a few millimeters to 0.5 meters. The rock is very fine grained to aphanitic. Garnet and amphibole crystals can be identified in some more mafic bands. A weak penetrative fabric is apparent in some outcrops, and a distinct crenulation situated along the base line near L84W cleavage was noted in one outcrop. Sulphides as 1% disseminated pyrite and pyrrhotite are common.

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The massive to intermediate and mafic metavolcanics, (basaltic and andesitic flows), have a dark green to black weathered surface frequently with small white specs and commonly weakly gossaned. The fresh surface is grass green to black frequently with small white specs. The grain size ranges from fine grained to aphanitic, the fined grain outcrops have a gneissic texture. The main constituents are green and black amphiboles, and plagioclase. Sulphide content varies between trace and 2%.

A synformal structure implied by the banding/bedding of the metasediments and metavolcanics is indicated on map GG-4. This may be a parasitic fold of a larger similar structure encompassing the western part of the property.

A sample obtained 30 feet west of L136W\20+40N, Map GG-4, assayed 0.04 oz/ton gold. The sample was of an aplitic gossaned 0.5 foot wide quartz vein hosted in a sericite-hornblend gneiss. The area coincides with a magnetic high anomaly on the south side of a hill.

Numerous quartz stringers, veinlets, lenses and small veins cross cut all rocks types encountered on the property.

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On the single claim, map GG-12 Grid 2, metasedimentary rocks as metagreywacke and quartzite were mapped.

The metagreywacke has a beige/brown pitted, locally weakly gossaned, weathered surface. The fresh surface is dark grey with white specs. The white specs are subangular quartz and feldspar grains 5 mm to 1.5 cm set in a dark grey fine grained to aphanitic siliceous matrix. The matrix varies in degree of silicification and appear welded, interlocked. Possible relict bedding planes were noted in one outcrop. Sulphides occur as trace disseminated pyrite.

The quartzite has a beige-brown to greyish-beige weathered surface. The rock is finely laminated (1-2mm in width), very siliceous and contain trace disseminated sulphides. Manganese oxide stain occurs along some fractured surfaces.

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GEOCHEMICAL SURVEY

Several geochemical anomalies of 100 ppb (parts per billion gold) or greater were determined. Their location and correlation of these anomalies to geophysics/geology/topography follows. Some of the areas of slightly elevated gold values are also described.

Map GS-1

At L80W/16+00S, 188 ppb gold, overlies the northern shoulder of a magnetic high anomaly and lies 600 feet, southeast along strike of a VLF-electromagnetic conductive zone. The conductive zone has been investigated by diamond drill hole K-4 and an assay value of 0.11 oz/ton gold over 2.17 feet was obtained from a section of orthoquartzite associated with the conductive zone.

At L88W\32+00S, 193 ppb gold, lies on the south side of a hill and overlies the south side of a magnetic high. Further down slope at L88W\36+00S, 140 ppb gold lies in an area having a flat magnetic gradient. At the base of the slope in a valley at L88W\40+00S, is a value of 557 ppb. Up slope to the south elevated gold values are shown. The geology/geophysics do not suggest any explanation for these anomalous gold values.

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Map GS-2

At L48/26+00S, 134 ppb gold lies at the top of a hill approximately 800 feet west along strike of VLF-electromagnetic conductive zone 8. The gold anomaly overlies a weak magnetic high surrounded by magnetic lows. The elevated gold values may reflect a near by bedrock source.

At L24W\39+00S, 105 ppb gold lies in a northeast striking magnetic high. The area has abundant outcrop. These outcrops should be investigated for gold/basemetal mineralization.

At L4W\24+00S, 170 ppb gold lies west along strike of VLF conductor 9, overlies the southern shoulder of a magnetic high and was obtained at the top of a slope.

Map GS-3

At L48W\58+00S and L44W\66+00S elevated gold values of 98 ppb and 58 ppb, respectively, coincide with hill tops.



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At L24W\73+00S, a 124 ppb gold anomaly lies on a hill side in a north trending zone of slightly elevated gold values which coincides with a similar trending magnetic low anomalous zone. Conductive zone 11 is situated approximately 600 feet north of the 124 ppb gold anomaly and a one line conductive zone is located 400 feet east-southeast of the anomaly. The anomalous gold values may be related to a near by bed rock source.

Map GS-4

At L116/10+50N an anomalous gold value of 74 ppb was obtained. It lies in a topographic low. The contour pattern of slightly elevated gold values in this area suggest an east-west dispersal train from the source

Anomalies of 29 ppb and 24 ppb gold are located at L140W\18+00N and L132W\17+00N, respectively. They lie approximately 500 feet southeast and southwest down slope of where a rock sample was obtained which assayed 0.04 oz\ton gold was obtained.

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At L84W\15+00N, 53 ppb gold is situated 150 feet north and 450 feet southeast of VLF-electromagnetic conductors.

Map GS-5

At L68W\75+00N, 210 ppb gold, lies in VLF-electromagnetic conductive zone 16 and at the northern edge of a magnetic low anomaly. The sample was taken at a topographic high.

Three hundred feet south at L68W\72+00N, 496 ppb gold, a highly anomalous value, lies near the base of a slope. The 496 ppb gold value lies 400 feet west of electromagnetic conductor 17 and is situated over the northern edge of a magnetic low.

These two gold anomalies, 210 ppb and 496 ppb lie in an isolated zone of elevated back ground gold values and is suggestive of a near by bedrock source.

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An east-northeast trending, elevated gold anomaly extends from L72W\65+00N to L68W\66+00N. A value of 122 ppb gold was obtained from L68W\66+00N. It is not associated with a particular geophysical signature. The anomaly appears to coincide with the fall line of an eastward slope which culminates at the edge of a swamp, L68W. The slope should be examined for a possible bedrock source.

Map GS-6

At L24W\7+00N, 465 ppb gold lies along the north side of electromagnetic conductor 12, in a magnetic low anomaly. The gold anomaly is situated on a slope near a topographic high. Diamond drill hole K-7 tested the VLF-conductor and the soil geochemical gold anomaly. An assay of 0.01 oz\ton gold over 2.3 feet was obtained from the section between 366.6 to 368.9 feet.

Elevated gold values at L48W\6+00N and L44W\9+00N may come from a bedrock source associated with the diorite dyke in this area.

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DIAMOND DRILL PROGRAMHole Locations and Targets

Diamond drill hole K-1 was collared 65 feet west of L52W\48+87N and drilled at -45 degrees due south for 436 feet to test a VLF-electromagnetic conductive zone, conductor 19.

Diamond drill hole K-2 was collared at L44W\24+00N and drilled at -45 degrees due south for 396 feet to test a VLF-electromagnetic conductive zone, conductor 22 and to test a narrow magnetic high anomaly. Slightly elevated soil geochemical gold values overlie the area of the drill hole.

Diamond drill hole K-3 was collared 120 feet east of L80W\3+75N, and drilled -45 degrees bearing 225 degrees for 446 feet. The targets were a VLF-electromagnetic conductive zone, conductor 4 and magnetic high anomaly.

Diamond drill hole K-4 was collared 40 feet west of L84W\11+00S and drilled -45 degrees bearing 180 degrees to 406 feet. The targets were a VLF-electromagnetic conductive zone, conductor 1 and a magnetic high. Slightly elevated gold soil geochemical values occur in the area.

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Diamond drill hole K-5 was collared at L104W\29+00N and drilled at -45 degrees due south to 503 feet. The targets were a VLF-electromagnetic conductive zone, conductor 13 and a magnetic high anomalous zone which is associated with the conductor.

Diamond drill hole K-6 was collared 36.5 feet west of L84W\20+50S. It was drilled at -45 degrees bearing due south to 442 feet. The targets were a magnetic high anomaly and a VLF-electromagnetic conductive zone, conductor 2. Slightly elevated gold values determined from the soil geochemical survey occur in the area of the drill hole.

Diamond drill hole K-7 was collared at L24W\8+44N, drilled at -45 degrees due south for 546 feet to test a geochemical soil anomaly of 465 ppb gold, a VLF-electromagnetic conductive zone, conductor 25, a magnetic low and the northern shoulder of an adjacent east-west trending magnetic high which coincides with the VLF-electromagnetic and geochemical anomalies

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Diamond drill hole K-8 was collared 220 feet east of L96W\42+40N and drilled at -45 degrees, bearing 303 degrees, to 416 feet. The targets were a shear zone located during geological mapping and a VLF-electromagnetic conductive zone, conductor 15. The hole traverses a weak magnetic low.

Diamond drill hole K-9 was collared 200 feet east of L20W\30+00S and drilled at -45 degrees, bearing 160 degrees, to 506 feet. The target was a VLF-electromagnetic conductive zone, conductor 8 were it overlies the eastern flank of a magnetic high. Dan Thai, B.Sc., Geophysicist, interpreted a possible fault zone in this area.

Diamond drill hole K-10 was collared 21 feet east of L92W\10+00S. It was drilled at -45 degrees due south to 246 feet. The objective target was a gold bearing orthoquartzite horizon that was previously intersected in DDH-K-4. A magnetic high and VLF-electromagnetic conductive zone, conductor 1 were used to trace the possible extension of this horizon.

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RESULTS OF THE DIAMOND DRILLING

DDH-K1: Samples assayed trace or nil.

The VLF--electromagnetic conductor can be explained by an intersection between 373.5 and 386.0 feet. It is a sulphide zone containing up to 30% sulphides as banded and semi-massive pyrite and pyrrhotite.

DDH-K2: 5 samples returned values of 0.01 oz/ton gold. The five sample widths totaled 9.25 feet of which 7.25 feet lie within a section from 309 feet to 356 feet. All values are associated with contacts between rock types or quartz veins suggestive of structurally controlled mineralization. The remaining samples assayed nil gold. A zone containing a 5mm wide pyrite stringer was encountered between 366.25 and 357.00 feet. The stringer is associated with quartz/chlorite and 2mm pyrrhotite crystal. The zone may explain a subparallel one line conductor in conductive zone 22, however no section of K-2 adequately explains the dominant conductor. The magnetic high anomaly can be explained by the sections of diorite frequently encountered in the hole.

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DDH-K3: Six 5 foot sections and one 5.5 foot section of a sulphide zone were assayed for copper and nickel as well as gold. The best copper and nickel values were 0.013% and 0.020% respectively. A section of garnet-biotite amphibole gneiss between 441 and 446 feet returned 0.02 oz/ton gold.

The sulphide zone intersection between 183.0 and 194.6 feet containing 5 to 50% pyrrhotite, 2% trace pyrite and trace chalcopyrite explains the conductive zone, conductor 4 and the magnetic high.

DDH-K4: A sample of orthoquartzite assayed 0.11 oz/ton gold over 2.17 feet. Samples above and below returned trace and 0.01 oz/ton gold over 2.75 feet and 1.83 feet, respectively.

Between 173.58 and 176.75 an altered zone associated with the orthoquartzite contains 10% sulphides as stringers of pyrite and pyrrhotite with trace of chalcopyrite. The altered zone containing sulphides provides an explanation for the VLF-electromagnetic conductor. The magnetic high is probably due to the pyrrhotite in the alteration zone.



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DDH-K5: A 2.3 foot section between 462.0 and 464.3 feet assayed 0.09 oz/ton gold. The section is intermediate to mafic metavolcanics is weakly banded and has frequent fractures which are coated with sulphide veneer. The samples above and below this section assayed nil and trace gold respectively.

A sample from a 1/4 inch quartz vein at 177.9 feet ran 0.01 oz/ton over 0.4 feet.

Intersections of semi-massive sulphides were encountered at depths of 232.3-234.4 feet and 235.5-236.5 feet. Massive sulphides, 20% pyrite and 70% pyrrhotite, were intersected between 241.9 and 250.9 feet. The sulphide rich sections assayed nil for gold. The magnetic high anomalous zone and the VLF-electromagnetic conductive zone, conductor 13 are the result of the massive and semi-massive sulphides.

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DDH-K6: Samples assayed nil or trace gold. The VLF-electromagnetic conductive zone, conductor 2 can be explained by a brecciated section of a plagioclase porphyritic melanocratic diabase dyke. The brecciated section extends from 252.6 to 256.0 feet. The magnetic high may be caused by the same diabase dyke or a 2.1 foot section of intermediate volcanics, at 239.1 feet, which contains 4% sulphides.

DDH-K7: A sample extending from 366.6 to 368.9 feet assay 0.01 oz/ton gold. Two sulphide zones were intersected. The upper zone, 417.1 to 424 feet, consists of up to 30% sulphides as stringer and blebs of pyrrhotite and pyrite, 10:1, and bands of magnetite approximately 0.5 inches in width. The lower sulphide zone, 432.1 to 434.5 feet contains 8% banded magnetite, and up to 40% pyrrhotite and 4% pyrite. The sulphide zone assayed nil gold. The VLF-electromagnetic conductive zone, conductor 25 and the magnetic high are the results of magnetite bands and the sulphides described above. The source of the soil geochemical gold anomaly, 465 ppb, was not resolved.

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DDH-K8: Samples assayed nil or trace gold. A section from 222.8 to 224.2 contained 20% pyrite as blebs, wisps and disseminations. An alteration zone containing quartz + chlorite + jasper + carbonate extends from 244.2 to 286.0 feet. Two shear zones were intersected at 226.7 to 236.7 feet and 367.2 to 374.9 feet. The lower shear zone appears to coincide with a wide shear found during the geological mapping. The VLF-electromagnetic conductive zone, conductor 15 can be explained by the lower shear zone.

DDH-K9: A sample from 155.6 to 156.9 feet assayed 0.01 oz/ton gold. The sample was the lower contact of a gneissic quartzite. Three sulphide zones were intersected. From 271.0 to 273.8 feet 25% sulphides as stringers of pyrrhotite and pyrite 10:1, were encountered. Between 308.8 and 309.9 stringers of 25% pyrrhotite and 1-2% pyrite, were intersected. A section from 327.1 to 330.3 contained 10% pyrrhotite and 1% pyrite as stringers. Between 486.3 and 487.6 a breccia was encountered.

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The VLF-electromagnetic conductive zone, conductor 8 is adequately explained by the sulphide zones. The brecciated section at 486.3 feet is indicative of the possible fault zone interpreted from geophysical information by Daniel Thai, B.Sc., Geophysicist.

DDH-K10: Samples assayed nil gold. A weakly brecciated section from 55.0 to 56.5 feet contained 8 to 10% sulphides as wispy blebs of pyrite and pyrrhotite, 1:4. The target, a horizon of gold bearing orthoquartzite, traced by VLF-electromagnetic conductive zone, conductor 1 and a magnetic high, was not realized. At 165.1 feet to the end of the hole, 246 feet, diorite dyke was intersected. During drilling after entering the diorite dyke several outcrops along strike of the drill hole were examined and a contact between granite and the diorite dyke was found 40 feet east of L92W\12+50S. The dyke was observed to strike 12 degree W/vertical. At this point the hole was stopped as the dyke cross cuts the intended target and it was unlikely to exit the dyke before the proposed depth of 400 feet.

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CONCLUSIONS AND RECOMMENDATION

Both phase I and phase II of the exploration program were successful in producing positive results. The geochemical soil sample survey results suggest that background levels range from 0 to 50 ppb gold with most areas having less than 5ppb gold. Values above 100 ppb should be considered significantly anomalous. Areas have slightly elevated gold values defining a specific trend may be indicative of a nearby bedrock source.

The VLF-electromagnetic survey located in excess of 50 conductive zones. From 50 conductors previously described conductors 1, 2, 4, 8, 13, 15 and 16 represent known bedrock conductors. Conductive zone 5, 9, 10, 11, 12, 14, 21, 24, 25, 28, 32, 34, 36, 37, 38, 39, 40, 42, 43, 44, 45, 46, 48, 49 and 50 appear to be bedrock conductors.

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The contour pattern of the magnetic survey results reflect the complex underlying geology of the property. The overall magnetic pattern indicates the general strike of geology is east-west. A large area underlain by rocks of high magnetic susceptibility maps MG-2, 3, 9 and 11, represents the late gabbro intrusive body indicated on the government maps. Two linear zones of low magnetic susceptibility, striking northeast ward and northwestward, map MG-5, traverse the area of high magnetic susceptibility. The zone may represent faults.

The long linear magnetic high anomalous areas that correlate with VLF-electromagnetic conductive zones several of which have been drilled, are indicative of pyrrhotite\iron formation.

A news release by New Beginnings Resources Inc. November 2, 1988 on their University River Project Mishibishu Area property describes an intersection of 5.0 feet averaging 2.77 oz/ton gold from a zone which consist of quartz flooded sediment mineralized with banded pyrite and pyrrhotite. The structure has been traced using VLF-and magnetics. From the geological survey and the diamond drilling results eg. 0.11 oz/ton gold, on the Koala Resources Ltd. property it is apparent a strong geological similarity exists between the New Beginnings gold bearing structure and the pyrrhotite/pyrite mineralized sediments of the Koala Resource Ltd. property.

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Rock of high magnetic susceptibility on map MG-4 in the southwest corner represent an east-southeast striking diorite "diabase" dyke. Three distinct categories of "diabase" dykes/sill were encountered during the geological survey. Magnetic diorite, non-magnetic diorite; frequently porphyritic, and gneissic diorite of variable magnetic susceptibility. The gneissic diorite is of an earlier emplacement. The dykes/sills occur in all rock types encountered.

Many of the small magnetic high anomalies on the property appear to represent magnetic diorite "diabase" dykes/sills however the non-magnetic dykes/sills are masked when in rock of similar magnetic susceptibility. The non-magnetic dykes/sills may be represented by lows in areas having a high magnetic background however the dipolar effect, when a strong magnetic high frequently produces an adjacent low effectively masking the magnetic expression of the surrounding rock. Therefore only areas where the magnetic contour pattern is distorted and cross cut a series of magnetic low anomalies should be considered as possible expressions of non-magnetic dykes of sills.

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Gold mineralization in the Mishibishu and Kabenung area has been found in quartz stockworks associated with diorite dykes/sills. The abundance of diorite dykes/sills which have variable age of emplacement are good target areas for further gold exploration on the Koala Resources Ltd. property.

The geological survey covered 41.5 line miles of mapping out of approximately 150 total line miles. A significant assay 0.04 oz/ton gold was obtained 30 feet west of L 136W/20+40N. It is described as a grab sample of 0.5 foot wide gossaned aplitic quartz vein. This area warrants more detailed mapping and sampling. A white biotite granite intrusive body lies to the south of the gold bearing outcrop. During the emplacement of the granite fractures, folds and faults developed in the country rock providing a good system for fluid movement and potential for mineral deposition at the margins of the granitic intrusion and in the surrounding country rock.



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Ten diamond drill holes were realized totaling 4343 feet. From a total of 602 samples, 50 assayed trace gold, 9 returned values of 0.01 oz/ton gold, one ran 0.02 oz/ton gold, one sample ran 0.09 oz/ton gold and one sample assayed 0.11 oz/ton gold.

The two significant assay results were obtain from DDH-K4 and DDH-K5, 0.11 and 0.09 oz/ton gold, respectively.

The sample from DDH-K4 which returned 0.11 oz/ton gold is from 172.83 to 175.00 feet. The section is described as an altered zone (orthoquartzite) containing stringers of sulphides, 10%, as pyrite, pyrrhotite and traces of chalcopyrite. The sulphides are associated with chlorite. Iron formation was noted at 174.2 to 174.6 feet. Adjacent above and below the 0.11 oz/ton gold section samples assayed trace gold over 2.75 feet and 0.01 oz/ton gold over 1.83 feet. The gold bearing orthoquartzite horizon warrants further investigation. Geophysics can be used to trace its possible extension as it is associated with sulphide mineralization.

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In DDH-K5 the significant gold value of 0.09 oz/ton gold over 2.3 feet was obtained from a section of intermediate and mafic metavolcanics between 462.0-464.3 feet described as weakly banded, and frequently fractured with fractures having sulphide veneers. Massive and semi-massive sulphides predominantly pyrrhotite and pyrite were intersected between 232.2 and 250.9 feet. The sulphides have a pronounced geophysical expression which could be useful as a marker in tracing the possible extension of the gold bearing metavolcanics. The Koala Resources Ltd. exploration program in the Kabenung Greenstone Belt was successful in finding gold mineralization on its Pukaskwa River Area property. The property has excellent potential for further discovery of gold mineralization.

The remaining 2199 samples obtained during the soil geochemical survey should be assayed and the results plotted and contoured. A program of prospecting and completion of geological mapping is warranted. Special attention should be given to the area where the 0.04 oz/ton gold grab sample was obtained and to diorite "diabase" dykes/sills with regard to their known association with gold bearing quartz veins in the region. DDH-4 from Captain Consolidate 1986 drill program should be located.

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A diamond drill program is warranted. The program should test the potential and extent of the orthoquartzite horizon intersected in DDH-K4 that assayed 0.11 oz/ton gold over 2.17 feet. Other target areas are DDH-5 where a section assayed 0.09 oz/ton over 2.3 feet. The areas of DDH-5, L8W\7+00S and DDH-4 from Captain Consolidated 1986 drill program, where original assays of 0.11 oz/ton gold over 5.0 feet and 0.41 oz/ton gold over 5 feet were obtained.

## ESTIMATE

PHASE I

Geochemical soil samples assays 2199 at \$8.20 per samples	\$ 18,031.80
<u>Geological Survey</u>	
Geologist approximately 200 man days at \$220.00/day	\$ 44,000.00
Assistant approximately 200 man days at \$110.00 per day	\$ 22,000.00
Samples assays approximately 2500 samples at \$12.00 per sample	\$ 30,000.00
Operating costs (Food, Materials, fuel etc.) Approximately 200 man days at \$200.00 per day	\$ 40,000.00
Helicopter support	\$ 10,800.00
Contingencies	\$ 24,724.77
Phase I	<u>\$189,556.57</u>

PHASE II

## Drill Program

Eight diamond drill holes for a total of 3,200 feet at \$32.00 per foot all included except for helicopter	\$102,400.00
Helicopter, for diamond drilling	\$ 96,000.00
Helicopter pad/drill + site preparation at \$1,400.00 per pad + site	\$ 11,200.00
Geologist 20 days at \$220.00 per day	\$ 4,400.00
Assistant 20 days at \$110.00 per day	\$ 2,200.00
Sample assays 450 samples at \$12.00/sample	\$ 5,400.00
Contingencies	\$ 33,240.00
Phase II	<u>\$254,840.00</u>
Estimated total	

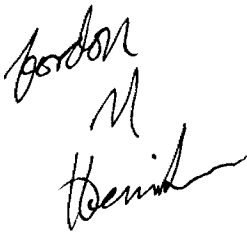
Phase I total estimate	\$189,556.57
Phase II total estimate	\$254,840.00
	<hr/>
Total estimated cost of program	\$444,396.57

Phase III

Additional drill may be warranted pending the results of phase I and II.

Respectfully submitted,

H. FERDERBER GEOPHYSICS LTD.



G.N. Henriksen, B.Sc.  
Geologist

## APPENDIX 1 - CLAIM LIST

SSM 691647	SSM 691775	SSM 970955	SSM 968442
691648	691776	970956	968443
691652	691777	970957	968444
691653	691778	970958	968457
691656	691779	970959	968458
691657	691780	970960	968445
691658	691789	970961	968446
691660	691790	970962	968447
691661	691791	970963	968448
691662	691792	970964	968449
691663	691793	970965	968450
691664	691795	970966	968451
691665	691796	970967	968452
691666	691797	970968	968459
691667	691798	970969	991569
691668	708429	970970	991570
691669	708430	970971	991571
691678	708431	970972	991572
691679	708432	970973	991573
691680	708433	970974	991574
691681	708434	970975	991575
691682	970931	970976	991576
691683	970932	970977	991600
691684	970933	970978	991601
691693	970934	970979	991602
691694	970935	970980	991603
691695	970936	970981	991604
691696	970937	970982	991605
691697	970938	970983	991606
691702	970939	970984	991607
691703	970940	970985	991608
691704	970941	970986	991609
691705	970942	970987	991610
691706	970943	970988	991591
691707	970944	970989	991592
691708	970945	970990	991593
691758	970946	970991	991594
691759	970947	970992	991595
691760	970948	970993	991596
691761	970949	968440	991597
691762	970950	968441	991598
691771	970951	968453	991599
691772	970952	968454	
691773	970953	968455	
691774	970954	968456	

Drill Logs (Appendix II)  
Assay Results (Appendix III)  
Geochemical Analyses (Appendix IV)  
Geological Maps and Diamond Drill  
Sections on the Property of  
Koala Resources Ltd.  
Pukaskwa River Area, Ontario

by

H. FERDERBER GEOPHYSICS LTD.

November, 1988  
Val d'Or, Quebec

G.N. Henriksen B.Sc.  
Geologist

APPENDIX II  
LOGS OF TEN  
DIAMOND DRILL HOLES



# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 1 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Aug. 11, 1988 00pm

LATITUDE 48+87N

DATUM \_\_\_\_\_

COMPLETED Aug. 13, 1988 12:00am

DEPARTURE 65 ft. west of L52 W

BEARING 180°

ULTIMATE DEPTH 436feet

ELEVATION \_\_\_\_\_

DIP 45° at collar, 43° at 436 feet PROPOSED DEPTH 400 feet

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 8.6	Overburden				
8.6 - 62.0	Intermediate Tuff, very fine grained- aphanitic, black to dark green, occasional quartz stringers, quartz-carbonate along infrequent fractures, fabric 43° to CA at 20 ft. 15.6 - 16.6 gneissic quartz vein 1% pyrite	3101	1.0	trace	
	21.0 - 26 < 1% disseminated sulphides	3102	5.0	trace	
	29.7 - 36.0 quartz-carbonate stringers	3103	6.3	nil	
	45.3 - 50.9 < 1% disseminated sulphides	3104	5.6	nil	
62.0 - 69.7	Tuffaceous Very fine grained, silicified, weakly chloritized along in frequent fractures; Occasional quartz veins up to 1/4"; <1% disseminated pyrite; tuffaceous				
	64.3 - 66.0 - 1% finely disseminated sulphides	3105	1.7	trace	
	66.0 - 69.7 - Occasional quartz stringers	3106	3.7	trace	
	69.7 - 75.8 - Frequent quartz stringers	3107	6.1	trace	
	75.8 - 82.9 < 1% disseminated sulphides	3108	7.1	trace	

DRILLED BY Forages A Diamants Alexandre Inc.

SIGNED

*[Handwritten Signature]*

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 2 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
69.7 - 82.9	Intermediate Metavolcanic (flow?) 69.7-75.8: Very fine grained to aphanitic; green; weakly silicified; frequent fractures contain qtz-carbonate and some stringers; trace tale and chlorite on vineal surface; <1% disseminated sulphides 75.8 - 82.9: Very fine to fine grained green frequent stringers and occasional veins contain quartz and carbonate (jasper? - soft red mineral) From 82.0 - 82.7, brecciated zone with vein material as above; < 1% disseminated sulphides 82.9 - 120.5: moderate to highly silicified zone; grey to black with white spot 3mm diameter - frequency elongated (stretched) parallel to fabric direction; frequent fractures contain vinear sulphides.						
82.9 - 86.0	Relatively massive; dark green (basaltic) 86.0 - 91.3: Moderately silicified quartzite; intervol? 2% disseminated reddish halo along minor fracture						

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SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 3 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	87.9 - 91.3: 2% disseminated sulphides	3109	3.4	nil			
	91.3 - 111.0: highly silicified, occasional fracture surface with vinar of sulphides 2-3% disseminated, weak gossen on fracture "rare"; occasional veinlets contain fragments of wall rock.						
	91.3 - 96.0: 2-3% disseminated sulphides	3110	4.7	nil			
	96.0 - 100.8: 2-3% disseminated sulphides brecciated veinlets	3111	4.8	nil			
	100.8 - 106.0: 2-3% disseminated sulphides	3112	5.2	nil			
	106.0 - 111.0: 2-3% disseminated sulphides; occasional fracturing	3113	5.0	nil			
	116.0 - 119.4: Moderately silicified quartz-biotite gneiss; 1-2% disseminated sulphides; occasional fractured sulphides.	3114	3.4	nil			
119.4 - 120.5	Quartz-biotite-hornblende gneiss; < 1% disseminated sulphides.						

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-1

SHEET NUMBER 4 of 9 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
120.5 - 175.5	Intermediate metavolcanic as fine grained dioritic (gneiss-schist), white laths and green needles aligned and homogeneously distributed. Infrequent quartz veins up to 7" lasting occasional pyrite blebs. 0-2% sulphides as disseminated or fine stringers; Quartz veins at 149.1-149.6 ft., 156.1-156.25 ft., 165.2-165.3 ft., and 164.8-169.0 ft.; Contact with quartz veins is anastomosing, relatively sharp and concordant with fabric < 40°						
120.5-123.0:	Transition zone						
148.2-151.6:	7" qtz vein; 1-2% disseminated sulphides	3115	3.4	nil			
155.5-157.1:	1.5" qtz vein; 1-2% disseminated sulphides	3116	1.6	nil			
164.8-169.0:	Quartz stringer occasional	3117	4.2	nil			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 5 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
175.0 - 230.3	Very fine grained to aphanitic; grey-green to black <sup>intermediate</sup> intermediate to mafic metavolcanic flows with intercalated tuffaceous horizons; strong fabric in places due to alignment of very fine grained amphiboles & feldspar laths.						
	175.5-178.8: 3% disseminate sulphides and as occasional fracture filling	3118	3.3	nil			
	182.4-185.0: Two 1" quartz veins	3119	2.6	nil			
	202.5-207.0: Weakly brecciated, serpentized and weakly chloritized zone; red spotty gossen and trace carbonate in zone; <1% disseminated sulphides						
	202.5-207.5: Brecciated chlorite zone	3120	5.0	trace		N.D.	N.D.
	225.0-227.0: 3" quartz vein at 225.0 ft.	3121	2.0	trace			
230.3 - 252.5	Silicified Tuff						
	dominant fracture concordant with fabric cross-cutting haloed fractures at 60°						
	230.3-233.0: Transition zone; moderate to high silicification; 1-2% disseminated talc-serp-carb. on fracture surface near top section	3122	2.7	trace			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 6 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
252.5 - 254.4	Transition zone to a porphyritic dioritic gneiss	3123	1.9	trace			
	1-4% disseminated sulphides; 1.5" qtz vein contains 20% pyrite at 253.7						
254.4 - 271.7	Porphyritic meta-andesite; very fine grained to aphanitic; moderately developed fabric						
	267.2 - 271.7: 1-2% disseminated sulphides; 1" qtz vein	3124	4.5	trace			
271.7 - 294.0	Silicified Micaceous Tuff?						
	at 280.5 ft. unconformable weak relic banding at 110°, quartzitic in places; <1% disseminated sulphides						
	-284.6-287.4	3125	2.8	trace			
	290.7-294.0: <1% disseminated sulphides	3126	3.3	trace			
294.0 - 322.0	Similar to 120.5-175.5 ft; <1% disseminated sulphides						
	299.3-301.5	3127	2.2	trace			
	307.7-311.4: three 1/2" quartz veins	3128	3.7	trace			
	312.5-314.9: three 1.5" quartz veins	3129	2.4	trace			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-1

SHEET NUMBER 7 of 9 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
322.0 - 346.0	Highly siliceous quartite-gneiss an astamosy lamilli of red & green hue; minor quartz stringers; occasional fractures contain quartz; 1% disseminated sulphides 341.1-346.0: 2-4% disseminated sulphides	3130	4.9	trace	
346.0 - 352.0	Garnet-hornblende mica/biotite+ chlorite schist siliceous, very fine grained; 2-5% disseminated sulphides	3131	6.0	trace	
352.0 - 354.5	quartz-hornblende gneiss 2" quartz vein at 354.1 py & po min along m. freq. fratures; 3-5% disseminated sulphides	3132	2.5	trace	
354.5 - 373.5	Qtz-hornblende gneiss, occassion segment with 4% biotite, weak gneissic fabric, gray to gray green colour, paleofract. haloed in wet core, silicified mod., tr. py. disseminated, rare 1/4 qtz. vein				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 8 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON	Ag
373.5 - 386.0	Sulphide Mineralized Zone					
	373.5-377.9: Transition zone; quartz gneiss, silicified, weak fabric; 2-4% disseminated sulphides	3133	4.4	trace		
	377.9-383.3: Banded, semi-massive sulphides & disseminated sulphides; 25-30% py & po; banding < 50°; mineralization is fine grained	3134	5.4	trace		N.D.
	383.3-386.0: transition zone; qtz-hornblende gneiss; occasional fractures contain veinlet of sulphides and chlorite; 5-7% disseminated sulphides	3135	2.7	trace		
	386.0-391.5: weakly chloritic & silicified intern metavolcanic (flow); very fine grained to aphanitic qtz-(amphibole?)-gneiss; occasional fracture-veinlet chlorite;<1% disseminated sulphides					
	391.5-399.4: weak to moderate chloritized fine grained to aphanitic diorite-amphibole gneiss; occasional fractures contain chlorite & carbonate quartz & sulphides; 2-5% sulphides as stringers, blebs, + disseminated					
	394.2-396.9: 3-5% diss sulphides as blebs and stringers	3136	2.7	trace		

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-1

SHEET NUMBER 9 of 9

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
399.4-436.0	Weakly chloritized, silicified-cherty-quartz-amphibole gneiss; 1-2% disseminated sulphides				
	399.4-402.0: 2-5% disseminated sulphides in blebs & stringes	3137	2.6	trace	
	406.0-411.5: Cherty, rhyolitic; 1-2% disseminated sulphides	3139	5.5	trace	
	413.0-416.0: dioritic amphibole gneiss; very fine to fine grained				
	422.9-427.8; frequent light green opaque quartz veins; no apparent sulphides in the quartz-amphibole gneiss	3138	4.9	trace	
	427.8-436.0: Amphibole-quartz gneiss				
436.0	END OF HOLE				
	Depth                  Fabric core				
	20 ft                    43°				
	138 ft.                48°				
	250 ft.                41°				
	380 ft.                45°				

DRILLED BY .....

SIGNED .....

Co-ords 24+00 N L 44W

Azimuth: 180.0

DIAMOND DRILL RECORD

Property: Koala Resources

Dip: -45.0 at collar

Drill Type:

Date Started: 15/08/88; 11:00 hrs

Elevation: 0.0

Core Size: BQ; 1 & 7/16 inches

Date Completed: 16/08/88; 19:55 hrs

Length: 396.0 feet

Drilled By: Forages a Diamants  
Alexandre Inc.

Logged by: Adrian Bray  
Signature: *Adrian Bray*

Dip Tests		
Depth	Az.	Dip
396.00		-44.5

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
.00	38.00	OVERBURDEN					
38.00	40.25	CASING					
40.25	47.08	GRANODIORITE / DIORITE					
		Medium to coarse grained, mottled black and white, porphyritic diorite (gneissic - irregular, weak fabric - alignment of biotite and/or hornblende). Very coarse grained, leucocratic and porphyritic granodiorite (weak irregular fabric, as diorite); 3-5% biotite. Contact between the two not easily discerned (gradational); diorite grades into granodiorite and back into diorite. Trace to 1% sulphides (pyrite), finely disseminated.	3140	40.25	43.25	3.00	nil
		At 47.25 feet, fine veinlets (1mm) of chlorite at 50 degrees to core axis. Lower contact sharp at 50 degrees to core axis and marked by less than 1 meter band of K-feldspar alteration (pink) of plagioclase phenocrysts (no distinct mineralization at contact.	3141	46.08	47.08	1.00	nil
47.08	56.00	GNEISS					
		Biotite-Amphibole Gneiss (Mafic Metavolcanic).	3142	47.08	49.08	2.00	nil
		Dark black, fine to medium grained with moderately developed fabric (layering of biotite and/or amphibole). 2% quartz	3143	55.00	56.00	1.00	nil

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		veinlets (2mm wide) at 50-60 degrees to core axis. From 52.0-52.5 feet, 20% chloritic alteration as an overwash. Trace to 1% disseminated pyrite. Lower contact chloritic (2mm broad; sharp at 50 degrees to core axis.					
56.00	62.58	GRANODIORITE Description same as 40.0-47.08 feet for granodiorite. Trace disseminated pyrite. At 60.5 feet, 1-3% disseminated pyrite and pyrrhotite in chloritic associated veinlet (2mm) at 50 degrees to core axis. Lower contact irregular.	3144 3145 3146	56.00 58.00 61.00	58.00 61.00 62.58	2.00 3.00 1.58	nil nil nil
62.58	73.42	TRANSITION ZONE Transition zone - Gneissic (between overlying granodiorite and underlying diorite). Light grey and white to black&white, medium to coarse grained with weak to moderate fabric (gneissic layering of biotite and/or amphibole). Clots of quartz and quartz/chloritic erratically throughout. From 70.0-70.42 feet, weak K-feldspathization of plagioclase phenocrysts At 70.66 feet, 2% subhedral garnets. From 72.67-73.42 feet, granodiotie xenolith, siliceous with clots of chlorite and iron alteration overwash; trace sulphides. Trace to 1% disseminated pyrite throughout. Lower contact irregular.	3147 3149	62.58 72.42	64.58 73.42	2.00 1.00	0.01 nil
		64.58 67.33 Iron alteration (rust colour) as an overwash.	3148	64.58	67.33	2.75	nil
73.42	103.17	DIORITE Description for diorite as described from 40.0-47.08 feet. Weakly gametiferous (<1%). At 84.5 feet, weak iron staining on broken surface. From 97.5-98.33 feet, weak K-feldspathization (pink) alteration of plagioclase. Trace pyrite. Lower contact gradational.	3150 3151	73.42 86.00	75.42 91.00	2.00 5.00	nil nil
103.17	121.75	GRANODIORITE / DIORITE Same as 40.3-47.08 feet. Diorite comprises	3152	105.00	110.00	5.00	nil

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		25% of this zone, with individual sections ranging from 1 inch in width. Diorite forms fairly sharp contacts (at 50 degrees to core axis) with granodiorite.	3153	120.00	125.00	5.00	nil
105.67	106.00	Moderate K-feldspar alteration of plagioclase associated with 10% chlorite veinlets (1-2mm) at 75 degrees to core axis. No apparent mineralization.					
106.00	109.42	Less than 5% weak K-feldspar alteration in erratic 1-3 inch wide patches associated with fine wisps of chlorite. Trace disseminated pyrite throughout. Lower contact gradational.					
121.75	132.17	<b>DIORITE</b> As described under 40.25-47.08 feet. Trace disseminated pyrite throughout. Lower contact gradational. At 123.33 feet, 2mm wide chlorite veinlet at 60 degrees to core axis (no apparent sulphides).					
	129.33	130.33					
	131.08	131.33					
		Granodiorite dyke with weak K-feldspar alteration.					
		1mm wide chloritic veinlets at 75 degrees to core axis (no mineralization).					
132.17	192.17	<b>GRANODIORITE</b> As described for granodiorite under 40.25-47.08 feet. Trace disseminated pyrite to no apparent sulphides throughout. Lower contact gradational.	3154	146.00	151.00	5.00	nil
			3155	168.00	173.00	5.00	nil
			3156	175.58	180.58	5.00	nil
			3157	180.58	186.00	5.42	nil
169.50	172.67	Weak to moderate K-feldspar alteration of plagioclase phenocrysts (5%) associated with fine chlorite veinlets 1-3mm wide at 40-50 degrees to core axis, and chloritic wisps (no apparent sulphides).					
175.75	175.83	Milky white quartz vein bordered on either side by 1mm chlorite veinlets at 50 degrees to core axis (no apparent sulphides).					
178.83	186.00	Same as 169.50-172.67 feet but alteration encompasses					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		10-40% of plagioclase phenocrysts; 15% chlorite as anastomosing veinlets and strong K-feldspar alteration from 183.5-184.42 feet; no apparent sulphides.					
192.17	223.17	GRANODIORITE / DIORITE					
		Alternating zones of granodiorite (1-1.5 feet wide) and diorite (1-5 inches wide); descriptions same as under 40.25-47.08 feet. No actual discernable contacts between the granodiorite and diorite (very gradual). Very weak K-feldspar alteration of plagioclase phenocrysts in erratic patches. Trace disseminated pyrite. Lower contact sharp at 45 degrees to core axis. No apparent sulphides.	3158	196.00	201.00	5.00	nil
			3159	222.17	223.17	1.00	nil
223.17	313.25	SCHIST					
		(Meta-basalt) 'Garnet-Amphibole Schist', Dark black/green streaked with white flecks; fine grained, massive (seems to be no preferred orientation of fabric of the amphibole). 1-3% occasional subhedral red garnet porphyroblasts (up to 3mm); sometimes associated with carbonate veinlets (up to 1cm at 30-50 degrees to core axis) or quartz-carbonate veinlets, or as isolated clusters. Quartz, quartz-carbonate or carbonate veinlets comprise approximately 1-3% of the rock; veinlets between 30-50 degrees to core axis; occasional blebs of epidote associated with quartz. Trace to 2% sulphides (pyrite&pyrrhotite), both massive and as fine disseminations; sulphide content increases in areas of veining; Trace disseminated sulphides where rock is devoid or with little veining. Lower contact not discernable (core ground or broken in this area).	3160	223.17	225.17	2.00	nil
			3161	231.00	239.00	8.00	nil
			3162	266.00	272.00	6.00	nil
			3163	276.00	281.00	5.00	nil
			3288	286.00	289.00	3.00	nil
			3164	290.00	293.00	3.00	nil
			3165	293.00	294.00	1.00	nil
			3166	309.00	311.25	2.25	0.01
			3167	312.25	313.25	1.00	nil
		286.00 289.00 Weakly chloritized; 2-3% disseminated and along fracture planes.					
		293.33 293.58 Milky white quartz vein (at 60 degrees to core axis) with K-feldspar, trace galena and chlorite wisps.					
		304.08 304.33 Granodiorite dyke with weak					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		K-feldspar alteration of plagioclase and anastomosing chloritic stringers; sharp contact at 70 degrees to core axis.					
309.08	310.58	Milky white quartz vein (1cm wide) subparallel to core axis with minor epidote and stringers (1mm) of chlorite.					
311.50	311.58	Same as 293.33 293.58 but no galena.					
313.25	347.92	GRANODIORITE					
		Description for granodiorite as described from 40.25-47.83 feet. Trace disseminated pyrite throughout.	3168	313.25	315.25	2.00	0.01
		Lower contact of granodiorite sharp at 60 degrees to core axis.	3169	326.00	331.00	5.00	nil
			3170	335.00	336.50	1.50	nil
			3171	346.92	347.92	1.00	nil
		313.25 330.00 Gradational between granodiorite and diorite (no contacts between them).					
		335.25 336.17 Fine grained, dark black mafic metavolcanic horizon with weak fabric; upper and lower contacts sharp at 70 degrees to core axis.					
347.92	354.33	SCHIST					
		Garnet Amphibole (Hornblende) Schist.	3172	347.92	349.92	2.00	0.01
		Same as 223.17-313.25 feet. Noticeably less garnetiferous (1%) and less veining (<5%) than in 223.17-313.25 feet. Garnet associated with fine carbonate, quartz-carbonate, and chloritic stringers. 1% pyrite and pyrrhotite as fine disseminated stringers and massive patches. Lower contact sharp at 60 degrees to core axis.	3173	349.92	354.33	4.41	nil
354.33	362.08	GRANODIORITE					
		Same as described from 40.25-47.83 feet. Trace disseminated pyrite throughout. Lower contact sharp at 50 degrees to core axis.	3174	354.33	355.33	1.00	0.01
			3175	361.08	362.08	1.00	nil
362.08	382.08	SCHIST					
		Garnet Amphibole (Hornblende) Schist.	3176	362.08	364.08	2.00	nil
		Same as description from 223.17-313.25 feet, with garnet and veining percentages	3177	364.08	369.08	5.00	nil
			3178	369.08	374.08	5.00	nil

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		the same. 1-3% massive and finely disseminated pyrite and pyrrhotite (more pyrite than pyrrhotite).	3179	374.08	379.08	5.00	nil
		366.25 367.00 5mm pyrite stringer subparallel to core axis associated with quartz/chlorite and 2mm pyrrhotite crystals. Lower contact sharp at 55 degrees to core axis.	3180	379.08	382.08	3.00	nil
382.08	396.00	DIORITE					
		Same as 40.25-47.83 feet.	3181	382.08	384.08	2.00	nil
		Quartz/chlorite veins at 388.75-388.92 feet, 390.83-391.00 feet, and 392.83-393.00 feet (no apparent sulphides associated with the veins). Trace disseminated pyrite.	3182	384.08	387.08	3.00	nil
		382.08 385.00 Moderately siliceous with 5% quartz/chlorite stringers at 50-70 degrees to core axis.					
396.00		END OF HOLE					

Co-ords: 3+75 N 120' EAST OF L 80W

DIAMOND DRILL RECORD

Property: Pukaskwa River Area Ontario.

Azimuth: 225.0  
Dip: -45.0 at collar

Drill Type:  
Core Size: BQ; 1 & 7/16 inches  
Drilled By: Forages a Diamants Alexandre Inc.

Date Started: 18/08/88, 17:00 hrs  
Date Completed: 19/08/88, 18:45 hrs  
Logged by: Adrian Bray  
Signature: *Adrian Bray*

Elevation: .0  
Length: 446.0 feet

Dip Tests		
Depth	Az.	Dip
446.00		-40.0

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
.00	8.00	OVERBURDEN					
8.00	8.58	CASING					
8.58	9.67	GRANODIORITE Very coarse grained, porphyritic, mottled grey/white and black; massive; 3-5% biotite. No apparent sulphides. Lower contact irregular.					
9.67	34.67	GNEISS (Paragneiss) Quartz-Biotite-Amphibole Gneiss. Dark block, peppered with quartz porphyroblasts interleaved between layering; fine grained. Weakly banded in places (quartz/chlorite, quartz, carbonate/chlorite&feldspar composition). Minor sericite. 26.00 28.00 Weakly garnetiferous (<1%). 3% quartz veins up to 8cm thick with trace pyrite, chalcopyrite. Quartz veins at 10.17-10.25 feet, 12.08-12.25 feet, 19.58-19.75 feet, 22.00-22.25 feet, 27.08-27.25 feet, 32.83-33.17 feet, and 34.42-34.67 feet. At 21.0 feet, carbonate-chlorite stringers on broken surface. 23.67 24.00 Quartz/chlorite banding at 60	3183 3284 3290 3291 3184 3292 3294 3295	9.67 12.17 19.50 21.92 23.00 27.00 33.33 34.15	10.67 12.58 20.17 22.92 26.00 28.00 34.15 35.00	1.00 .41 .67 1.00 3.00 1.00 .82 .85	nil nil nil nil nil nil nil nil



from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		degrees to core axis.					
		Lower contact sharp at 60 degrees to core axis.					
	32.67 33.33	Trace pyrite.	3293	32.67	33.33	.66	nil
34.67	38.25	GRANODIORITE					
		Same as 8.58-9.67 feet.	3185	35.00	37.00	2.00	nil
	35.75 36.00	Quartz vein at 40 degrees to core axis with minor sericite.					
		Trace pyrite. Lower contact sharp at 80 degrees to core axis.					
38.25	146.50	GNEISS (Paragneiss; possibly a metamorphized siltstone)					
		Quartz-Biotite-Amphibole Gneiss (Banded).	3186	43.00	46.00	3.00	nil
		Same as 9.67-34.67 feet. Trace pyrite throughout.	3187	54.00	57.00	3.00	nil
			3296	60.00	61.00	1.00	nil
	41.75 41.92	Quartz vein at 60 degrees to core axis. No apparent sulphides	3297	61.00	62.92	1.92	nil
		At 43.17 and 45.00 feet, fine bands (stringer) of quartz/chlorite at 60 degrees to core axis.	3188	70.00	73.00	3.00	nil
			3204	76.92	78.83	1.91	nil
			3298	86.08	86.67	.59	nil
			3299	88.33	89.50	1.17	nil
	53.42 53.50	Quartz vein at 60 degrees to core axis with trace disseminated pyrite at contact.	3289	84.00	86.00	2.00	nil
			3190	93.00	97.42	4.42	nil
			3300	98.33	99.08	.75	nil
	54.25 55.17	Quartz/chlorite, quartz and feldspar banding (with minor epidote) at 65-70 degrees to core axis associated with <1% garnet (subhedral, <1cm) and 1% pyrite (irregular smeared patches on broken surfaces).	3191	101.50	102.50	1.00	nil
			3192	117.00	120.00	3.00	nil
			3193	129.00	134.00	5.00	nil
			3194	146.00	149.00	3.00	nil
	58.67 59.00	Quartz/chlorite, quartz and feldspar banding (with minor epidote) at 65-70 degrees to core axis associated with <1% garnet (subhedral, <1cm) and 1% pyrite (irregular smeared patches on broken surfaces).					
	62.92 63.33	Quartz/chlorite, quartz and feldspar banding (with minor epidote) at 65-70 degrees to core axis associated with <1% garnet (subhedral, <1cm) and 1% pyrite (irregular smeared patches on broken surfaces).					
	59.83 60.58	Broken core with reddish tinged carbonate on broken surfaces and some chloritization.					
	71.08 71.83	Quartz vein with 10% garnet (blood red), iron staining					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)	Cu %	Ni %
		overwash, chloritic wisps and inclusion of quartz-biotite-amphibole schist							
71.83	76.92	3-5% garnets, subhedral to elongated (<1cm) associated with an increase in quartz/chlorite banding at 60 degrees to core axis. Trace disseminated pyrite aligned along banding planes.							
76.92	78.83	Ground core.							
80.30	81.00	Stringers of jasper at 60 degrees to core axis.							
		At feet, reddish tinged carbonate permeating rock.							
84.42	84.75	Reddish tinged carbonate permeating rock.							
89.00	89.33	Quartz/chlorite veins at 50-55 degrees to core axis; no apparent sulphides.							
101.92	102.17	Quartz/chlorite veins at 50-55 degrees to core axis; no apparent sulphides.							
93.50	93.83	Red carbonate permeating rock.							
96.83	97.17	Jasper associated with carbonate vein at 65 degrees to core axis.							
118.17	119.17	Same as 71.83-76.92 feet, but no sulphides.							
129.25	129.58	Jasper and chlorite stringers (1mm) at 50 degrees to core axis.							
132.75	133.75	Zone of carbonate (red), quartz and chloritic stringers at 60 degrees to core axis.							
133.92	134.25	Quartz vein with 5% biotite; no apparent sulphides.							
136.00	136.08	Quartz vein with 5% biotite; no apparent sulphides.							
144.33	144.58	Quartz vein with biotite and 2% garnet.							
		Lower contact gradational (marked by an increase in garnet content).							
146.50	236.08	GNEISS (Paragneiss)							
		Garnet-Biotite-Amphibole Gneiss (Banded).	3195	159.00	164.00	5.00	nil	.008	.005
		Dark black, moderate to coarse grained,	3196	164.00	169.00	5.00	nil	.006	.007
		moderately siliceous; quartz,	3197	169.00	174.00	5.00	nil	.004	.005
		quartz-chlorite stringers (at 60-65 degrees	3198	174.00	179.00	5.00	nil	.005	0.01
		to core axis) imparts banded appearance.	3199	179.00	184.00	5.00	nil	.001	0.02

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)	Cu %	Ni %
		5-40% subhedral, elongated oval shaped pinkish-red garnets (pyrope?).	3200	184.00	189.00	5.00	nil	.004	.007
		146.50 159.00 1% pyrite, pyrrhotite (massive and finely disseminated stringers) associated with up to 5% garnets.	3201	189.00	194.50	5.50	nil	.013	.012
			3202	194.50	200.00	5.50	nil		
			3203	213.00	216.00	3.00	nil		
			3205	226.00	231.00	5.00	nil		
		159.00 194.50 Conductor Zone: 1-30% sulphides, massive and as disseminated stringers (pyrrhotite > pyrite), chalcopyrite less than 2% where sulphide percentage is greatest); zone marked by up to 40% garnets.							
		183.00 194.60 5-50% <sup>pyrrhotite</sup> pyrite; trace to 2% pyrite; trace chalcopyrite.							
		194.50 226.00 10-40% garnets with <1% sulphides (pyrite), disseminated. Zone of <5% garnets from 204.33-209.0 feet							
		226.00 236.08 1-3% euhedral garnet, approximately 1-2mm in circumference. Lower contact sharp at 65 degrees to core axis and marked by a clot of granodiorite.							
236.08	240.67	SCHIST (Possibly an altered dyke) Chlorite-Biotite Schist. Very soft (H=1-3). Mottled green-black, coarse grained and weakly siliceous. Trace sulphides (pyrite).	3206	236.08	240.67	4.59	nil		
		236.67 236.92 Dyke of granodiorite, having sharp contacts at 80 degrees to core axis.							
		Lower contact sharp at 60 degrees to core axis.							
240.67	253.42	GRANODIORITE Same as 8.58-9.67 feet. Trace pyrite. Lower contact sharp at 30 degrees to core axis. Siliceous.	3207	240.67	242.17	1.50	nil		
			3208	252.00	253.42	1.42	nil		
253.42	289.00	GNEISS (Paragneiss) Garnet-Biotite-Amphibole Gneiss (Banded). Same as 146.5-236.08 feet, but fine to medium grained. 1-3% garnet (1-3mm circumference), subhedral to euhedral. 3-5% quartz stringers and veins (2mm-8cm wide) imparts a banded appearance; no apparent	3209	256.00	261.00	5.00	nil		
			3210	276.00	279.00	3.00	nil		
			3211	288.00	289.00	1.00	nil		

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		mineralization related to quartz stringers and veins.					
	278.42	279.00 Chloritic alteration overwash.					
	283.00	283.17 Chloritic alteration overwash.					
		Trace pyrite to no apparent sulphides.					
		Lower contact sharp at 50 degrees to core axis.					
289.00	293.08	GRANODIORITE Same as 8.58-9.67 feet. No apparent sulphides. Lower contact sharp at 60 degrees to core axis, and marked by a 1cm quartz vein.					
293.08	300.75	GNEISS (Paragneiss) Garnet-Biotite-Amphibole Gneiss (Banded). Same as described for 253.42-289.00 feet. No apparent sulphides. Lower contact sharp at 60 degrees to core axis.	3212	298.00	301.00	3.00	nil
	299.17	299.67 Quartz vein at 40 degrees to core axis with <1% chlorite wisps (no apparent sulphides).					
300.75	311.25	GRANODIORITE Same as 8.58-9.67 feet.					
	304.08	304.75 Horizons of garnet-biotite-amphibole gneiss with sharp contacts at 60 degrees to core axis.					
	307.67	309.00 Horizons of garnet-biotite-amphibole gneiss with sharp contacts at 60 degrees to core axis.					
	309.33	310.08 Horizons of garnet-biotite-amphibole gneiss with sharp contacts at 60 degrees to core axis.					
		No apparent sulphides. Lower contact sharp at 60 degrees to core axis.					
311.25	374.92	GNEISS (Paragneiss) Garnet-Biotite-Amphibole Gneiss (Banded). Same as described from 253.42-289.00 feet.	3214	346.00	351.00	5.00	nil
	326.17	326.92 Granodiorite dyke (irregular contacts).	3301	353.92	354.50	.58	nil
			3302	360.08	361.00	.92	nil
			3215	361.00	366.00	5.00	nil
	371.75	372.25 Quartz/granodiorite dyke with sharp contacts at 70 degrees to core axis.	3303	371.50	372.25	.75	nil
			3216	373.92	374.92	1.00	nil

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		Trace pyrite. Lower contact sharp at 80 degrees to core axis.					
374.92	390.17	GRANODIORITE					
		Same as 8.58-9.67 feet; no apparent sulphides.	3217	381.00	386.00	5.00	nil
	377.92	379.75 Horizons of quartz-biotite-amphibole gneiss (no apparent sulphides); contacts sharp at 40-60 degrees to core axis.					
	387.42	388.25 Horizons of quartz-biotite-amphibole gneiss (no apparent sulphides); contacts sharp at 40-60 degrees to core axis.					
		Lower contact gradational.					
390.17	446.00	GNEISS (Paragneiss)					
		Garnet-Biotite-Amphibole Gneiss (Banded).	3304	393.50	393.83	.33	nil
		Same as described for 253.42-289.00 feet.	3218	404.50	408.08	3.58	nil
		Trace pyrite, pyrrhotite.	3219	416.00	421.00	5.00	nil
	396.08	396.58 Granodiorite dykes (no apparent sulphides); quartz stringers in the adjacent gneiss subparallel to 40 degrees to core axis within one inch of contact with granodiorite.	3220	440.00	446.00	5.00	0.02
	397.00	398.08 Granodiorite dykes (no apparent sulphides); quartz stringers in the adjacent gneiss subparallel to 40 degrees to core axis within one inch of contact with granodiorite.					
	404.50	408.08 Granodiorite dykes (no apparent sulphides); quartz stringers in the adjacent gneiss subparallel to 40 degrees to core axis within one inch of contact with granodiorite.					
	438.75	439.08 Granodiorite dykes (no apparent sulphides); quartz stringers in the adjacent gneiss subparallel to 40 degrees to core axis within one inch of contact with granodiorite.					
446.00		END OF HOLE.					

Co-ords: 11+00 S 40' WEST OF L 84W

HOLE NO.: K-4

Azimuth: 180.0

DIAMOND DRILL RECORD

Property: Pukaskwa River Area Ontario.

Dip: -45.0 at collar

Drill Type:

Date Started: 21/08/88; 7:30 hrs

Elevation: .0

Core Size: BQ; 1 & 7/16 inches

Date Completed: 22/08/88; 6:00 hrs

Length: 406.0 feet

Drilled By: Forages a Diamants Alexandre Inc.

Logged by: Adrian Bray and G.N. Henriksen

Signature: *Adrian Bray*

Dip Tests		
Depth	Az.	Dip
406.00		-40.0

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
.00	2.00	CASING					
2.00	5.17	MISSING CORE					
5.17	6.42	BIOTITE GRANITE Very coarse grained, grey/white and peppered black. 7-10% biotite. Massive. No apparent sulphides. Lower contact sharp a 60 degrees to core axis.					
6.42	8.33	METABASALT Aphanitic, dark black with an anastomosing light green chlorite, massive. Fractured surfaces with carbonate and chlorite. Trace disseminated pyrite. Lower contact indistinct (broken core).					
8.33	10.08	BIOTITE GRANITE Same as 5.17-6.42 feet. Lower contact indistinct (broken core). From 8.33-9.58 feet, siliceous.	3221	8.33	10.08	1.75	nil
10.08	64.08	METABASALT Same as 6.42-8.33 feet. Occasional tuffaceous (?) looking section (lapilli?). Trace disseminated pyrite. Lower contact sharp, anastomosing at 35 degrees to core axis.					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)	
	33.58	38.17	1% sulphides (pyrite, trace chalcopyrite) stringers of quartz and carbonate. Brecciated zone at 37.42 feet.	3222	33.58	38.17	4.59	nil
	48.08	51.50	Anastomosing lenses suggestive of tuffaceous (?) lappilli horizon.	3223	48.08	51.50	3.42	nil
	55.00	56.00	Siliceous with 1% pyrite as smeared patches.	3224	55.00	56.00	1.00	nil
	59.75	62.08	Quartz/carbonate stringers with chloritic seams; moderately chloritized.	3225	59.75	62.08	2.33	nil
	62.75	64.25	Includes contact of white biotite granite.	3226	62.75	64.25	1.50	nil
64.08	77.08	BIOTITE GRANITE						
		Same as 5.17-6.42 feet. Trace to 1% calcite. Trace to <1% disseminated sulphides (pyrite). Local biotite depleted, quartz-rich zones. Lower contact sharp at 30 degrees to core axis (quartz-rich).	3227	68.92	70.42	1.50	nil	
			3228	76.58	77.50	.92	nil	
77.08	82.08	METAVOLCANIC						
		Intermediate to Mafic Metavolcanics.	3229	77.83	78.67	.84	nil	
		Very fine grained, mottled black and white. Massive, anastomosing texture. Weakly chloritic. Trace pyrite.	3231	79.50	82.67	3.17	nil	
		Lower contact siliceous at 45 degrees to core axis.						
		From 78.08-79.17 feet, granitic dyke with siliceous margins against adjacent intermediate to mafic metavolcanics	3230	78.67	79.50	.83	nil	
82.08	89.00	BIOTITE GRANITE						
		Same as 8.17-6.42 feet. Varies from fine to medium grained. 1% carbonate. <1% disseminated pyrite. Sharp contact at 55 degrees to core axis.	3232	88.58	90.25	1.67	nil	
89.00	135.50	METAVOLCANIC						
		Intermediate to Mafic Metavolcanic.	3234	98.33	100.83	2.50	nil	
		Locally tuffaceous; very fine grained to aphanitic. Green, massive, weakly foliated in places. 1-2% disseminate pyrite. Trace arsenopyrite (disseminated). Lower contact gradational, becoming more felsic.	3235	100.83	102.58	1.75	nil	
	103.08	110.75	Occasional crystal of epidote associated with chloritic seams; upper contact of quartz vein brecciated and anastomosing, lower contact					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		irregular at 25 degrees to core axis.					
92.50	96.00	Granite dyke.	3233	92.50	96.00	3.50	nil
103.08	110.75	From 103.08-110.75 feet, quartz vein with occasional chloritic seams, angular fragments of wall rock, and.	3236	102.58	103.67	1.09	nil
103.67	106.00	Rare blebs of disseminated pyrite and chalcopyrite.	3237	103.67	106.00	2.33	nil
106.00	109.50	Quartz-fich and carbonate depleted.	3238	106.00	109.50	3.50	nil
109.58	110.75	From 109.58-110.75 feet, carbonate-rich.	3239	109.50	111.00	1.50	nil
113.0		At 113.0 feet, quartz-carbonate vein, 1 inch wide with trace chalcopyrite.	3240	112.67	113.83	1.16	nil
128.0		At 128.0 feet, quartz, anastomosing (1 inch wide); no apparent sulphides.	3241	126.00	128.92	2.92	nil
132.58		At 132.58 feet, quartz vein (1 inch wide); no apparent sulphides.	3242	132.00	133.50	1.50	nil
135.50	176.75	<b>METAVOLCANIC</b>					
		Intermediate Metavolcanic.	3243	137.08	138.33	1.25	nil
		Frequent granitic dyke intrusions, moderate to mine grained (maximum width of 2 feet, minimum width of 6 inches). Trace pyrite.	3244	139.33	140.92	1.59	nil
		Volcanics locally felsic. Massive, infrequent quartz veins up to 1 inch wide.	3245	147.83	150.92	3.09	nil
		From 155.42-159.0 feet, possibly tuffaceous.	3246	150.92	153.17	2.25	nil
		possibly tuffaceous.	3247	153.17	156.83	3.66	nil
		173.58 176.75 Atered Zone (Orthoquartzite)	3248	156.83	159.75	2.92	nil
		Stringers of sulphides - 10%.	3249	163.67	165.00	1.33	nil
		Anastomosing containing pyrite, pyrrhotite, and traces of chalcopyrite. Felsic, silicified, slightly brecciated in places.	3250	166.00	170.08	4.08	nil
		Sulphides associated with chlorite stringers; occasional bands of garnet; maximum width of stringers is 1 inch (at 174.42 feet). Iron formation at 174.2-174.6 feet.	3251	170.08	172.83	2.75	tr
			3252	172.83	175.00	2.17	0.11
			3253	175.00	176.83	1.83	0.01
176.75	208.00	<b>ALTERNATING ZONE OF INTERMEDIATE TO MAFIC AND FELSIC VOLCANICS</b>					
		From 176.75-185.00 feet, massive and basaltic. 1% pyrite.	3254	176.83	178.92	2.09	tr
			3255	184.67	185.08	.41	tr
		From 185.0-186.5 feet,	3256	186.25	188.00	1.75	nil



from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
		granitic. White biotite granite.	3261	196.00	198.50	2.50	nil
		From 188.0-188.75 feet,	3257	188.00	189.00	1.00	nil
		chloritic zone. Banding at top of the zone; banding at 54 degrees to core axis and 1-3mm in width.	3262	198.50	199.33	.83	nil
		From 188.75 to 191.42 feet,	3258	189.00	191.83	2.83	nil
		felsic to intermediate. Trace pyrite.					
		From 191.42 to 193.42 feet,	3259	191.83	193.67	1.84	nil
		quartz-biotite gneiss.					
		From 193.42-199.17 feet,	3260	193.67	196.00	2.33	nil
		metabasalt with weak fabric. Trace pyrite.					
		From 199.17-204.0 feet,	3263	199.33	204.00	4.67	nil
		felsic (quartz-biotite gneiss) volcanic (?). Trace pyrite.					
		From 204.0-206.0 feet,	3264	204.00	206.00	2.00	tr
		intermediate to mafic.					
		From 206.0-208.0 feet,	3265	206.00	208.00	2.00	tr
		granitic dyke with 3-5% sulphides assoc. With chlorite; anastomosing blebs & stringers. Po, py and <1% cpy.					
208.00	229.25	METABASALT					
		Aphanitic to very fine grained. Horizons of intermediate metavolcanics. Horizons of white biotite-rich granitic dykes.					
		From 208-212.0 feet,	3266	208.00	209.25	1.25	nil
		metabasalt with 1% disseminated pyrite.					
		212.00 217.33 Possible pyroclastic, tuffaceous zone; banded white and green at 45 degrees to core axis with garnets.	3267	212.00	217.33	5.33	nil
		215.50 219.33 Metabasalt.	3268	215.50	219.33	3.83	nil
		220.17 226.00 Metabasalt.	3269	220.17	226.00	5.83	nil
		212.00 217.33 Possible pyroclastic. Bands vary from 5mm to 5cm. Trace chalcopyrite. 5-7% pyrite, pyrrhotite as disseminations, blebs and stringers concordant with banding and associated with chlorite.					
		217.33 229.25 Metabasalt with local biotite-rich bands (1/4 inch wide) and infrequent quartz veins from 1/2 inch to 2 inches. 1-2% disseminated pyrite; chlorite associated with quartz veins.					
229.25	231.42	WHITE BIOTITE-RICH GRANITIC DYKE.	3270	231.33	231.83	.50	nil
		Trace disseminated pyrite.					

from (ft)	to (ft)	Description	Sample No.	from (ft)	to (ft)	Length (ft)	AU (oz/ton)
231.42	241.00	METABASALT Same as 217.33-229.25 feet, with less quartz veining.	3271	235.17	236.00	.83	nil
241.00	244.00	WHITE BIOTITE-RICH GRANITIC DYKE. Trace disseminated pyrite.					
244.00	251.42	METABASALT Same as 217.33-229.25 feet.	3272	248.50	251.75	3.25	nil
251.42	261.58	HORNBLLENDE GNEISS Weak fabric. <1% quartz stringers 1/8 inch).	3273	258.25	259.42	1.17	nil
			3274	261.00	262.50	1.50	nil
261.58	265.50	WHITE BIOTITE-RICH GRANITIC DYKE. Trace disseminated pyrite.					
265.50	284.00	INTERMEDIATE METAVOLCANICS. Massive. 1% disseminated sulphides (pyrite); granitic dyke at 279.67-280.42 feet with irregular contacts.	3275	265.50	269.00	3.50	nil
			3276	273.17	273.67	.50	nil
			3277	279.75	280.75	1.00	nil
			3278	283.58	284.42	.84	nil
284.00	284.25	BIOTITE-AMPHIBOLE GNEISS (tuffaceous).					
284.25	325.25	INTERMEDIATE EPIDOTE-BEARING METAVOLCANIC. Biotite-rich lamellae in places. Bands of light and dark green varying from 1/8-4 inches in width at 60 degrees to core axis. Frequent granitic dykes (301.42-306.83 feet, 309.25-309.75 feet, 319.67-322.83 feet). Trace pyrite. Lower contact at 325.0 feet at 56 degrees to core axis and sharp. No apparent mineralization.	3279	284.42	287.33	2.91	nil
			3280	287.33	288.50	1.17	tr
			3281	288.50	293.50	5.00	nil
			3282	298.25	300.42	2.17	nil
			3283	323.67	325.25	1.58	nil
325.25	406.00	DIORITE Feldspar - Porphyritic Diorite. Occasional fractured surface chloritized and serpentized with trace of disseminated pyrite along fractures. Salt and pepper colour, medium grained with feldspars ranging up to 1.5 inches. Diabasic texture is common throughout section. Massive. <1% disseminated pyrite. No quartz veining.	3284	325.25	330.00	4.75	nil
			3285	346.00	350.92	4.92	nil
			3286	376.00	381.00	5.00	nil
			3287	401.00	406.00	5.00	nil
406.00		END OF HOLE.					

# DIAMOND DRIFT RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 1 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Sept. 7, 1988 9:00 pm  
 LATITUDE 29 + 00N DATUM \_\_\_\_\_ COMPLETED Sept. 8, 1988 7: pm  
 DEPARTURE L 104W BEARING 180° south ULTIMATE DEPTH 503'  
 ELEVATION \_\_\_\_\_ DIP Collar -45°, 503 ft. -43° PROPOSED DEPTH 500'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
0 - 12	CASING						
12 - 14.5	Gabbro; dark green, fine to medium grained equigranular, magnetic, 1-2% disseminated Py no fractures, no gossen						
14.5 - 19'	Felsic Gneiss; (quartz - rich metasediment) 0.5 - 1% disseminated sulphides one inch band of sulphides (3%) at 4.2'	03801	4.5'				
19' - 19.7'	Chlorite-Garnet Schist; 1-2% disseminated sulphides no fractures, no gossen	03802	0,7'				
19.7' - 24.4'	Andasitic Tuff; green, anastamosy lamina, planar foliation along lamina due to micaceous minerals, no apparent sulphides, trace carbonate-pyrite-chlorite, on infrequent fractures						
24.4' - 26.6	Metasediment quartz rich weakly banded felsic gneiss, alternating light brown and light green bands 24.5' banding 40° to C.A., trace sulphides, no gossen no fractures						

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SIGNED Jordan M. Herrin

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 2 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
26.6 - 34.9	Meta-Andesite: very fine grained, looks like meta-diorite, green with white laths aligned producing linear fabric occasional fractures containing chlorite trace to 1% Py weakly gossened, trace disseminated sulphides, rare quartz stringers 1-4% sulphides				
	33.5-34.2: 0.5 inch quartz vein with 4% Py	03803	0.7'		
34.9 - 37.0'	Granitic Dyke: white with flakes of biotite, weakly gneissic pinkish hue near upper and lower contacts, <sup>Contacts distinct anastomosing</sup> no apparent sulphides, no gossened			37'	contact 50° to C.A.
37.0' - 54.3	Meta-Andesite: very fine grained, looks like metadiorite (same as 26.6' - 34.9' trace Py with Py in fractures				
54.3 - 76.8	Meta-Quartzite: felsic and gneissic having a weak planar fabric due to alignment of micaceous minerals (dominantly biotite) the section is greyish white very fine grained to aphanitic, quartz rich, with minor feldspar and varying from 1% to 20% biotite sulphides occur				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 3 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
54.3 - 76.8 continued	as blebs, stringers & disseminated Py and Po 1-4%, trace magnetite						
	54.3-58': 8 stringers of Py+Po 0.5 mm thick, occasional fractures with Py+Po chlorite quartz and talc, quartz rich, 1-2% sulphides	03804	3.7'	N11			
	58'-61.3: white spotty lenses, 2 gossen fractures 2 mm in width, containing quartz & talc trace to 1% Py chlorite, 1-2% disseminated sulphides	03805	3.3'	N11			
61.3 - 62.5	Quartz rich, 3-4% disseminated sulphides	03806	1.2'	N11			
62.5 - 63.8	Biotite schist: with minor chlorite 1/2" quartz vein at 63.2, 63.2-63.8-4% sulphide as blebs ± 2mm and disseminations	03807	1.3	Trace			
63.8 - 76.8	Gneissic quartzite: 2% Py as (linear aggregates) blebs concordant with fabric, white spots → blebs quartz, biotite increasing with depth	03808	4.9'	N11			
68.7 - 73.7	Biotite rich and gneissic 1-2% Py, as blebs discontinuous stringers 0.5mm width, concordant with fabric. (69.7'-69.9' removed as band sample R.C.)	03809	4.8'	N11			
73.7 - 76.8	1% disseminated + blebs Py to Po lower contact 76.8 irregular and distinct	03810	3.1'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 4 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
76.8 - 105.7	Gabbro: dark green, fine to medium grained, mainly fine grained, serpentized and chloritized, infrequent fractures contain carbonate & chlorite, Py 1-3% sulphides disseminated and as small bleb and in fractures				
	76.8-79.3: 3% sulphides very fine grained to medium grained, upper contact sharp	03811	2.5'	Nil	
	88.0-88.5: anastomosing 1mm wide stringer, Py is very fine grained, slightly more chloritized section	03812	0.5'	Trace	
	104'-105.7': 1-2% disseminated sulphides, lower contact sharp, serpentized-chloritized at contact	03813	1.7'	Nil	
105.7 - 108	Diotite Chlorite-Quartz Dyke: with two 2" quartz veins. Dark green chlorite adjacent to veining, trace sulphides with chlorite.	03814	2.3'	Nil	
108 - 108.5	Chloritized Zone: containing fragments of quartz vein, 2% finely disseminated Py	03815	0.5'	nil	
108.5 - 160.8	Quartzite: gneissic with 10-20% feldspars & varying 2-10% micaceous minerals giving rise to a weak fabric. When broken the rock has an				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 5 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	aplitic texture, colour ranges from greyish white to brownish white, white spots, blebs quartz between 1 and 2mm in size occur irregularly throughout the section, trace to 4% disseminated sulphides, mostly Py, trace Po, Py is frequently euhedral occassionaly forming discontinuous stringers concordant with fabric						
108.5-113.5:	less than 1% disseminated sulphides occassion fractures with veneer of chlorite, quartz rich	03816	5.0'	N11			
118.3 - 123.2:	3-4% disseminated sulphides	03817	4.9'	N11			
127 - 128.9:	3-0.25 inch quartz stringers and 2-3% disseminated sulphides	03818	1.9'	N11			
128.9-132.8:	White spots, weakly schistose when broken, discontinuous stringers sulphides concordant with fabric and dissemination of sulphides 1-2%	03819	3.9'	Trace			
132.8-133.2:	Two inch silicified zone	03820	0.4'	N11			
133.2-135.6:	1 to 2% sulphide as discontinuous stringers, concordant with fabric from micaceous minerals biotite + chlorite (sericite)	03821	2.4'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 6 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	135.6-137.0: white spots, micaceous, two 1" quartz veins	03822	1.4'	N11			
	140. -140.6: Two blue quartz veins	03823	0.6'	N11			
	141.9-143.2 Faint blueish banding	03824	1.3'	N11			
	143.2-144.1 less than 1% disseminated sulphides	03825	0.9'	N11			
	144.1-145.1 1-2% sulphides, fractured containing chlorite and carbonate pyrite	03826	1.0'	N11			
	145.1-146.3 Jasper gneissic bands 1.5-2mm wide, trace sulphides	03827	1.2'	N11			
	146.3-148 Typical section, 1% sulphides	03828	1.7'	N11			
	148-150 Spotted, moderately silicified	03829	2.5'	N11			
	150-153.2 less than 1% disseminated sulphides	03830	3.2'	N11			
	153.2-154.2 1/4 " quartz vein, two 1/2" jasper- quartz-chlorite bands	03831	1.0'	N11			
	157-160.8 typical, schistose texture where broken, lower contact sharp	03832	3.8'	N11			
160.8 - 172.8	Meta-andesite; green with white laths, massive texture (like fine grained metadiorite), fine to medium grained with depth, occasional quartz stringers less than 1% disseminated sulphides						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 7 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	160.8-162.1 aphanitic upper contact	03833	1.3'	N11			
	162.1-162.7 2" wide zone of quartz stringers	03834	0.6'	N11			
	170.5-172.8 lower contact sharp, weakly chloritized, less than 1% sulphides	03835	2.3'	N11			
172.8-176.7	Gneissic Quartzite; occasional fractures with carbonate-chlorite-quartz, trace disseminated sulphides						
	172.8-174.6 upper contact of unit	03836	1.8'	N11			
	174.6-175.2 1.5" quartz vein with trace magnetite chlorite & carbonate	03837	0.6'	N11			
	175.8-176.3 2.5" quartz vein at 50° to core axis	03838	0.5'	N11			
176.7 - 176.9	Granite Dyke; white biotite granite fine grained; no apparent sulphides						
176.9 - 181.9	Gneissic Quartzite, 1% disseminated sulphides						
	177.9-178.3 1/4" quartz vein	03839	0.4'	0.01			
	178.3 - 181.9 representative sample	03840	3.6'	N11			
181.9 - 182.3	Granite Dyke, white biotite granite fine grained, no apparent sulphide						
182.3 - 199.3	Gneissic Quartzite, greyish white, 0-10% micaceous minerals (biotite-sericite) imparts schistose texture to broken surface,						

2% disseminated sulphides

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 8 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	187-192.2 Representative sample	03841	5.2'	Nil			
	192.2-192.8 4" quartz vein, irregular shape	03842	0.6'	trace	1		
	196-196.6 Three 1/4" quartz veins	03843	0.6'	Nil			
	196.6-199.3 lower contact sharp	03844	2.7	Trace	1		
199.3 - 201.4	Schistose Gabbro; foliated, grass-green, fine grained, chloritized + serpentized 1" vein of quartz with trace carbonate, brick red gossens and spots 0.5 mm., trace disseminated sulphides	03845	2.1'	Nil			
201.4 - 213.1	Gneissic Quartzite; as described from 182.3-199.2						
	201.4-202.3 upper contact sharp, 1% disseminated sulphides	03846	0.9'	Trace	1		
	208.6-213.1 moderate siliceous, greenish hue and infrequent brick red gossen, 1% disseminated sulphides	03847	4.5'	Nil			
213.1 - 225.2	Quartz-Biotite-Chlorite-Garnet Gneiss: greyish to reddish white and green alternating bands (anastamosy laminae) Varying 0.5mm to 5cm in width. Moderate silicification, 1-2% disseminated sulphides						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 9 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	213.1-215.1 Chlorite-rich; brick red gossen	03848	2.0'	N11			
	215.1-220.3 representative section	03849	5.2'	N11			
	220.3-221.5 chlorite-rich band 3"	03850	1.2'	N11			
	221.5-224.3 anastamosy chlorite-quartz-rich veinlets	03751	2.8'	N11			
	224.3-225.2 2% disseminated sulphides	03752	0.1'	N11			
225.2 - 226.0	Garnet Amphibole Gneiss; 40% garnet, 40% amphibole, 5% biotite, 10% feldspar, 2-3% disseminated sulphides	03753	0.8'	N11			
226 - 226.3	Gneissic Garnet Bearing Quartzite; 1/4" pyrite chlorite stringer	03754	0.3'	N11			
226.3 - 230.3	Gneissic Quartzite; occassional stringers of chlorite-pyrite 1/8", 1% disseminated sulphides	03755	4.0'	N11			
230.3 - 231.0	Granite; fine grained, white quartz-biotite granite	03756	0.7'	N11			
231.0 - 231.3	Quartz-Chlorite-Carbonate Breccia; green clasts, no sulphides	03757	0.3'	N11			
231.3 - 232.3	Gneissic Quartzite; highly silicified, 1-5% silphides above sulphide zone	03758	1.0'	N11			
232.3 - 234.4	Semi-Massive Sulphides: up to 75% Py and chlo-rite, 25% quartz, pyrite is medium to very fine grained	03759	2.1'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 11 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
247.0 - 250.9	<del>lower contact irregular</del> pyrite rich anastomosing bands and blebs concordant with relic fabric infrequent quartz-carbonate stringers	03766	3.9'	N11	
250.9 - 254.4	Intermediate <sup>mafic</sup> Meta-volcanics; dark green weakly foliated, anastomosing laminae - bands of darker and lighter green. Occasional serpentized + chloritized fractures, trace carbonate, 1% disseminated sulphides pyrite, 2" quartzite band at upper contact.	03767	3.5'	N11	
254.4 - 254.5	Porphyritic Quartzite Dyke: white spots 1-2mm in size in very fine aphanitic ground - mass of quartz-biotite-feldspar. No apparent sulphides				
254.5 - 262.0	Intermediate-Mafic Metavolcanic; same as 250.9-254.4 feet				
262.0 - 262.1	Porphyritic Quartzite; same as 254.4-254.5 feet				
262.1 - 263.4	Intermediate Mafic Metavolcanic; same as 250.9-254.4 feet	03768	1.3'	N11	
263.4 - 263.45	Porphyritic Quartzite				
263.45 - 266.4	Intermediate Mafic Metavolcanics; as 250.9-254.4				
266.4 - 266.8	Porphyritic Quartzite; upper contact 45° to C.A.				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 12 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
266.0 - 273.0	Inter-mafic metavolcanics; with frequent porphyritic quartzite bands				
269.7-277.0	Porphyrite Quartzite; weakly siliceous 1-2% disseminated sulphides. Sharp upper and lower contact.	03769	1.0'	N11	
273-277.0	10-30% biotite, 10-30% feldspar, 50-70% quartz.				
275.0-276.1	1/2" quartz vein	03770	0.5'	N11	
277.0 - 278.5	Meta-Andesite; alternating with porphyritic quartzite 1-2% disseminated sulphides				
278.5 - 287.9	Intermediate Metavolcanics; green in colour occasional fractures, weakly serpentized, trace carbonate				
279-279.3	1/4" quartz vein	03771	0.3'	N11	
287-287.7	2.5" quartz vein	03772	0.7'	N11	
287.9 - 288.1	Porphyritic Quartzite; fabric is suggestive of felsic tuff				
288.1 - 309.5	Meta-Andesite; green with white laths where fine grained. (aphanitic to fine grained) 1% disseminated sulphides				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 13 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	292.3-292.8, 3-5% sulphides as discontinuous stringers and disseminations	03773	0.5	N11			
	297-298, light green laminations	03774	1.0'	N11			
	299.7-303.8, fine-grained like metadiortie 1%	03775	4.1'	N11			
	303.8-304.4	03776	0.6'	N11			
	309-310.5, lower contact sharp	03777	0.5'	Trace			
309.5 - 310.6	Quartz Porphyry; biotitic-feldspar quartzite (felsic tuff?), 1% disseminated sulphides	03778	1.1'	Trace			
310.6 - 314.4	Meta-Andesite; 1-2% disseminated sulphides, upper contact 50° to C.A.	03779	3.8	N11			
314.4 - 316.0	Quartz-Porphyritic Quartzite; sharp Upper contact; lower contact gradational and banded, suggestive of tuff, 1% sulphides	03780	1.6	N11			
316.0 - 503.0	Intermediate and Mafic Metavolcanics; dark green, massive to moderately foliated, occasional fractures containing serpentine + chlorite, trace carbonate + trace euhedral pyrite, 2% disseminated pyrite						
	327.0-327.8, Quartz vein 2" width, 1% pyrite	03781	0.8'	N11			
	336.2-336.7, Two 1/2" felsic tuffaceous bands	03782	0.5	N11			
	341.9-345.3, 3-4% sulphides discontinuous stringers 0.5mm wide concordant with fabric	03783	3.4'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K5

SHEET NUMBER 14 of 15 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	345.3-347.2, Three 1/4" quartz veins, 1-2% sulphides	03784	1.9'	N11			
	355.2-357.0, Quartz-jasper stringer over 4", 2-5% sulphides	03788	1.8'	N11			
	357.1-358.7, 3" quartz vein at 55° to core axis	03785	0.6'	N11			
	370.5-371.2, 0.5" quartz vein	03786	0.7'	N11			
	282-387.0, Representative sample	03787	5.0'	N11			
	415-417.0, Weakly banded, frequent fracture filling, 10% pyrite	03789	2.0'	N11			
	418.2-419.5, 9" quartz vein at 50° to C.A. 1% disseminated along contact	03790	1.3'	N11			
	424.7-427.0, anastomosing blebs and disseminated pyrite, 2-3%	03791	2.3'	N11			
	450.2-454.1 Frequent quartz carbonate stringers, 6" vein, 5 veinlets	03792	3.0'	N11			
	457.4-459.2 Weakly serpentized metabasalt	03793	1.8'	N11			
	460.8-461.5 Quartz-carbonate vein (3")	03794	0.7'	N11			
	461.5-462.0 4.5" quartz vein	03795	0.5'	N11			
	462.0-464.3 Weakly banded; sulphide veneer on frequent fractures	03796	2.3'	0.9			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K6

SHEET NUMBER 1 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. 9 Aug. 88 8pm

LATITUDE 20+50'S

DATUM \_\_\_\_\_

COMPLETED Sat. 10 Aug. 88,

DEPARTURE 36.5 ft. west of L84W

BEARING 180° south

ULTIMATE DEPTH 442'

ELEVATION \_\_\_\_\_

DIP -45° at collar, 41° at 442 ft.

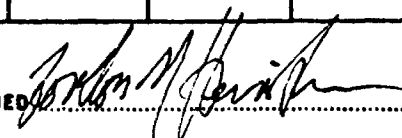
PROPOSED DEPTH 500'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 8.2	Overburden				
8.2 - 10.7	white biotite granite: rare weak gossened fracture no apparent sulfides.				
10.7 - 11.1	Intermediate metavolcanics: green anastomosis laminations				
11.1 - 11.2	White biotite granite: dyke				
11.2 - 15.6	Intermediate metavolcanics: Tuffaceous, green anastomosis lamination with white quartzitic lenses. 1% disseminated.				
15.6 - 16.1	White biotite granite: dyke, upper contact to C.A. 50° sharp upper contact distinct lower contact.				
16.1 - 16.9	Intermediate metavolcanics: as 11.2 - 15.6				
16.9 - 17.7	Intermediate metavolcanics: as above intruded by three 1" granite dykes				
17.7 - 22.2	Intermediate metavolcanics: as 11.2 - 15.6 19.4 - 22.1, 1.5 ft. qtz. vein irregular contacts 4" biotite zone in centre part of the section, 1% disseminated sulphide associated with chlorite seams with quartz.	03701	2.7	Nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 2 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
22.2 - 23	White Biotite-Granite dyke				
23 - 23.5	Intermediate metavolcanics; as 11.2 - 15.6				
23.5 - 34	White biotite granite: massive, fine-medium grained 1% disseminated sulphides				
34.0 - 36.0	Intermediate metavolcanics: massive green, very fine grained (metadiorite-andesite) occasional fractures contain chlorite+quartz+sulphides, 1% disseminated sulphide.				
36.0 - 42.5	White biotite granite: as above				
	36.0-37.4 biotite-chlorite rich zone very fine grained. 1% disseminated sulphides	03702	1.4'	N11	
42.5 - 57.1	Intermediate metavolcanics: laminations of grayish-green, green and yellowish-green with discontinuous stringers and blebs of Po and Py concordant with fabric 3-5% 4:1 Po:Py ratio, occasional quartz stringers				
	42.5-44.0 heavily fractured, fractures chloritized.	03703	1.5'	N11	
	44.0-45.5 moderately chloritized	03704	1.5'	N11	
	45.5-50.3 four 1" quartz veins and occasional felsic bands	03705	4.8'	N11	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 3 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	50.3-54.0 Representative sample	03706	3.7'	N11			
	54.0-57.1 Representative sample	03707	3.1	N11			
57.1-57.6	Granite dyke:with pink feldspars and veinlets (stringer Py) 1-2% sulphides	03708	0.5	N11			
57.6 - 70.4	Intermediate metavolcanics:as above section 42.5-57.1						
	57.6-62.2: 2-3% sulphides, weakly laminated	03709	4.6'	N11			
	62.2-67.1: 3-4% sulphides, representative	03710	4.9'	N11			
	67.1-70.4: 3-4% sulphides, representative	03711	3.3'	N11			
70.4 - 72.7	White biotite granite 1% sulphides upper contact 45° to C.A.						
72.7 - 85.1	Intermediate metavolcanic:as above section 42.5-57.1						
	72.7-76.0: 3-4% sulphide as stringers and blebs	03712	3.3'	N11			
	76.0-81.2: 3-4% sulphide as stringers and blebs	03713	5.2'	trace			
	81.2-85.1: 3-4% sulphide as stringers and blebs	03714	3.9'	N11			
85.1-97.8	White biotite granite: medium-fine grained no app. sulphides						
97.8 - 100.8	Quartzite:very fine grained, gneissic biotite, broken surface has aplitic texture. Sharp upper contact, 1/2" quartz vein-lower contact, trace sulphides.	03715	3.0'	trace			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 4 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
108.8-120.9	Intermediate metavolcanics: as green massive meta-andesite, weak fabric due to micaceous mineral (chlorite and biotite), very fine grained to aphanitic, occasional quartz stringers, less than 1% disseminated sulphides						
	111.7-116.2: representative sample	03716	4.5'	N11			
120.9 - 122.3	White biotite granite: medium to fine grained, upper contact 45°/CA, no apparent sulphides, trace carbonate.						
122.3 - 123.5	Intermediate metavolcanics: as above 108.8-120.9						
123.5 - 124.4	White biotite granite: anastomosing lower contact, sharp upper contact.						
124.4 - 126.3	Intermediate metavolcanics: as above 108.8-120.9						
126.3 - 130.7	White biotite granite.						
130.7 - 159.8	Intermediate metavolcanic: dark green with light green and reddish laminae and bands, 1mm to 2cm reddish laminae are garnetiferous, occasional quartz stringer/veinlets less than 1cm in width, less than 1% disseminated sulphides						
	156.0-159.8: representative sample	03717	3.8'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 5 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
159.8 - 170.0	White biotite granite; medium fine grained, no apparent sulphides						
166.7-168.0	Anastomosing intermediate metavolcanic xenolith within granite quartz rich margins.	03718	1.3'	N11			
170.0 - 211.3	Intermediate metavolcanics; dark green, bluish gray, gray-white and red anastomosing bands, red bands of biotite and garnet rich, irregular distribution occasional quartz veins less than 5mm thick, less than 1% disseminated sulphides					174' banding 50° to C.A.	
176-176.8:	1" granite/dyke, 2" quartz vein	03719	0.8'	N11			
177.9-180.2:	2" quartz vein, Four 0.25 inch quartz veins	03720	2.3'	N11			
203.2-204.3:	1' quartz vein with 20% micaeous minerals	03721	1.1'	N11			
206.6-207.5:	two 0.75 inch quartz veins 45° to C.A.	03722	0.9'	N11			
211.3 - 211.5	White biotite granite dyke; sharp contacts						
211.5 - 213.0	Intermediate metavolcanics; as above 170.0-211.3						
213 - 226.0	Intermediate metavolcanics; green weakly foliated, infrequent quartz stringers, less than 1% disseminated sulphides						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 6 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
215.8-216.1	vein quartz 5% biotite flakes	03723	0.3'	N11			
226 - 231.1	Gneissic Biotite-Quartzite; grey white, weak fabric due to biotite, fine grained, trace sulphides massive, sharp upper and lower contacts	03724	5.1'	N11			
231.1 - 252.6	Intermediate metavolcanics; (tuff?) upper contact 48' to C.A., occasional fractures with veneer of pyrite + chlorite + carbonate less than % disseminated sulphides						
236-236.8	quartz rich-biotite granite dyke	03725	0.8'	Trace			
239.1-241.2	numerous 0.2" quartz stringers 4% Py as discontinuous stringer blebs + disseminated pyrite associated with chloritic stringers	03726	2.1'	N11			
251.9- 252.6	highly chloritized, heavily fractured no apparent sulphides, brick red gossen	03727	0.7'	N11			
252.6 -266.1	Diabase dyke: plagioclase porphyritic, melanocratic trace disseminated sulphides						
252.6-253.8	brick red matrix chloritic clasts 2%, brecciated contact, no apparent sulphides	03728	1.2'	N11			
253.8-256.0	moderately brecciated, weakly chloritized, brick red gossen (jasper)	03729	2.2'	N11			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 7 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	256.0-256.6: moderate fractrues, 1/4" quartz vein	03730	0.6'	N11			
	256.5-266.1: lower contact, 1" brick red gossen	03740	0.6'	N11			
266.1 - 288.3	Intermediate Metavolcanics; lessthan 1% disseminated sulphides, occassional 1/4" quartz stringers						
	270.7-271.2: quartz vein 5", 45° to C.A.	03731	0.5'	N11			
	274.3-274.6: quartz vein 3"	03732	0.3'	N11			
288.3 - 291.1	Granite; white to pink, biotite granite, central 1' has pink feldspar 45%, trace sulphides(disseminated)	03733	1.8'	N11			
291.1 - 292.5	Intermediate Metavolcanics; green, massive-meta-andesite, 1% disseminated. sulphides						
292.5 - 294.7	Quartz Biotite Gneiss: grey-white with white spots (quartz), weak fabric produced by biotite alignment, trace dissemanated sulphides	03734	2.2	N11			
294.7 - 296.0	Intermediate Metavolcanics(meta-andesite); green, frequent fracture, contain brick red mineral (jasper?) less than 1% disseminated sulphides	03741	1.3	N11			
296.0 - 300.4	White Biotite Granite:medium-fine grained, no apparent sulphides						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 8 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	297.6-299.2: pink brick red feldspar, weakly chloritized along fractures, no apparent sulphides	03735	1.6'	N11			
300.4 - 300.7	Quartz-Biotite Gneiss; no apparent sulphides						
300.7 - 316.5	Intermediate Metavolcanics (meta-andesite); green, massive to weakly foliated, lighter and darker green anastamosy lamination, occassional quartz stringers, occassional fratures weakly serpentinized and chloritized, less than 1% disseminated sulphides						
316.5 - 320.1	White Biotite Granite; no apparent sulphides, upper contact 70° to C.A.						
320.1 - 321.3	Intermediate Metavolcanics; green massive (meta-andesite), less than 1% disseminated sulphides						
321.3 - 324.0	White Biotite Granite; sharp upper contact, fine-grained at lower contact over 3", no apparent sulphides						
324.0 - 390.2	Intermediate to Mafic metavolcanics; dark green to dark grey green, occasional anastamosy light green and of red lamilli redish colour due to garnet and biotite						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 9 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	Occasional 1/4" quartz stringers, trace carbonate, occasional fractures, serpentized + trace chlorite and pyrite (1-2% disseminated aggregates less than 0.5 mm) at 365', laminations 45° to C.A.				
	341-346: representative sample	03736	5.0'	N11	
	356.9-358.5: 1.3 ft. quartz vein, less than 1% disseminated sulphides	03737	1.6'	N11	
	380.9-383.9: Two 1 inch quartz veins	03738	3.0'	N11	
	383.9-386.2: 2 ft. quartz vein	03739	2.3'	N11	
390.2 - 400.2	Grey-white Biotite Granite: less than 1% disseminated sulphides				
	396-398: 1% disseminated sulphides, 0.25 inch quartz vein	03742	2.0'	N11	
400.2 - 401.7	Biotite Quartz-feldspar Gneiss: very fine grained to aphanitic, light brown, weak brick red gossen, 1" quartz vein, no apparent sulphides	03743	1.5'	N11	
401.7 - 426.3	Grey-White Biotite Granite less than 1% disseminated sulphides				
	417.0-418.9: Weak alteration, slight brick reddening	03744	1.9'	N11	
	421.2-426.3: moderate alteration, brick red	03745	5.1'	N11	

brick red mineral (jasper?) occasional fractures containing chlorite + red mineral

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K6

SHEET NUMBER 10 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
426.3 - 436.2	Quartz Biotite Gneiss: dark grey to greenish grey, darker and lighter bands, weak foliation due to biotite, less than 1% disseminated sulphides						
	426.3-427.8: weak brick red mineralization	03746	1.5'	N11			
	427.8-430.6: representative sample	03747	1.8'	N11			
	430.6-433.6: frequent fractures containing chlorite and brick red mineral (jasper?)	03748	3.0'	N11			
433.6 - 436.2	433.6-436.2: lower contact infrequent quartz stringers	03749	2.6'	N11			
436.2 - 442	White-Biotite Granite: medium to fine grained, massive, less than 1% disseminated sulphides, upper contact 30° to C.A.						
	436-437: upper contact weakly mineralized by 3% brick red mineral (jasper?) no apparent sulphides	03750	0.8'	N11			
	442' END OF HOLE						
	ACID TEST 42.5°						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K7

SHEET NUMBER 1 of 13 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Sun. Sept. 11, 1988 pm  
 LATITUDE \_\_\_\_\_ DATUM L24W/8+44N COMPLETED Tues. Sept. 13, 1988  
 DEPARTURE \_\_\_\_\_ BEARING 180° 1:35 pm  
 ELEVATION \_\_\_\_\_ DIP -45° ULTIMATE DEPTH 546'  
 PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 8.7	Overburden				
8.7 - 86.5	<u>Metabasalt:</u> Dark bluish black, aphanitic to very fine grained, moderate-strongly magnetic massive occasional quartz-carbonate vein up to 5" wide frequent contain anastamsy subparallel discontinuous fragments of host rock infrequent fracture containing quartz + carbonate = chlorite = weak gossen, trace disseminated sulphides, infrequent garnet bearing bands 1/4"				
24.6-26.0	Quartz-carbonate vein 2" wide	03601	1.4'	nil	
26.0-29.6	Quartz-carbonate vein 3.5" wide frequent gossen fracture	03602	3.6'	nil	
36.0-40.5	Three quartz-carbonate veins with clasts as above 3", 4" and 6" wide and one 1/4" garnet ferous band, no apparent sulphides	03603	4.4'	nil	
42.9-44.4	Quartz-carbonate veining with clasts as above over 1 ft. width no apparent sulphide	03604	1.5'	nil	
49.6-54.9	three quartz-carbonate veins with clasts as above 1", 2", 4" wide, trace disseminated pyrite	03605	5.3'	nil	
56.0-58.3	1" garnite bearing band and 2" quartz-carbonate band, trace disseminated pyrite	03606	2.3'	nil	

DRILLED BY Forages A-Diamants Alexandre Inc.

SIGNED *José M. Hébert*

# DIAMOND DRTEL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 2 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988  
1:35 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
8.7 - 86.5 continued	66.0-69.7 Infrequent brown square paths 1/8", 2" quartz carbonate veinlet with garnetiferous margins	03607	3.7'	nil	
	69.7-74.8 1% disseminated sulphide, irregular distributed square brownish patches 1/8" in size	03608	5.1'	nil	
	74.8-77.8 representative sample 1% disseminated	03609	3.0'	nil	
	77.8-80.7 quartz-carbonate vein 1.5 ft. wide	03610	2.9'	nil	
	80.7-83.5 two weak-moderate gossened quartz carbonate veinlets	03611	2.8'	nil	
86.5 - 103.1	Melanocratic diorite: fine grained dark green blue to black specs within a grey white background, massive rare fracture containing chlorite + trace sulphide weak fabric, 1%-4% fine disseminated sulphide and infrequent discontinuous bleb sulphides' concordant with fabric moderate magnetic, sharp contacts				
	86.5-91.2 upper contact representative sample	03612	4.7'	nil	
	94.6-96.0 3% disseminated sulphides	03613	1.4'	nil	
	96.0-98.7 1% disseminated sulphides	03614	2.7'	nil	
	98.7-103.1 2-4% disseminated sulphides pyrrhotite, pyrrhotite 1:4	03615	4.4'	nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 3 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8p

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
103.1-108	Granite: grey green and white patches fine-medium grained 40-60% plag 15-20% quartz 20-25% dark green amphibole +5% biotite, non-magnetic 1% disseminated sulphide, contacts sharp 35° to core axis				
103.1-106.0	1% finely disseminated sulphides	03616	2.9'	nil	
108 - 111.8	Intermediate-mafic metavolcanic, dark blue-green, massive, aphanitic, moderately magnetic, trace disseminated, occasional fracture contain trace chlorite + calc, trace disseminated sulphide				
111.8 - 112	Granite: as above 103.1 - 108				
112 - 122.6	Intermediate-mafic metavolcanic as above 108-111.8 infrequent quartz vein <1/4"				
114.5-115.5	1/4" quartz vein in representative sample	03617	1.0'	nil	
121.4-122.1	granitic quartz vein 4"	03618	0.7'	nil	
122.6 - 122.8	Granite: as above 103.1-108 (dyke)				
122.8 - 123.3	Inter-mafic metavolcanic as 108-111.8				
123.3-135.3	Granite: as above 103.1-108 <1% disseminated sulphides 123.3-126.0 quartz vein 1 ft., 1% disseminated sulphide	03619	2.7'	nil	
135.3 - 139.3	Inter-mafic metavolcanic as 108'-111.8' sharp contacts- granite contact cross-cut fabric				

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. 7

SHEET NUMBER 4 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm  
ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
139.3 - 150.3	Granite as above 103.1-108						
150.3 - 150.9	Inter-mafic metavolcanic as above 108-111.8						
150.9 - 152	Granite as above 103.1-108						
152' - 153.2'	Granitic vein inter-mafic metavolcanic	03620	1.2'	nil			
153.2 - 158.8	Inter-mafic metavolcanic as 108-111.8 one heavily gossened fracture <1% disseminated sulphide	03621	5.6'	nil			
158.8 - 191.2	Granite as 103.1'-108', moderate magnetic in sections						
	158.8-161.6 Frequent fracture moderate gossen light pinkish feldspar (inequigranular feldspare up to 1.5 times average grain size pink feldspare only to 165.5 depth.	03622	2.8'	nil			
	171.4-177 Representative moderate magnetic <1% disseminated sulphides	03623	5.6'	nil			
191.2 - 198.2	Inter-mafic metavolcanics as above 108'-111.8						
	191.2-196.0 quartz vein 1/4" <1% disseminated pyrite	03624	4.8'	NIL			
	196-198.2 quartz vein 1/4" <1% disseminated pyrite trace carbonate	03625	2.2'	nil			
198.2 - 235.7	Granite as above 103.1-106.0						
	208.1-209.2 Two 1/" quartz vein with brick red gossen	03626	1.1'	nil			
	210.3-211.1 3.5" quartz vein	03627	0.9'	nil			
	225-226 3" quartz vein	03628	1.0'	nil			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Coala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 5 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988  
1:35 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	230.5-232.1 4" quartz vein	03629	1.6'	nil			
	234.2-235.7 Lower contact weak, chloritized trace carbonate in frequent fracture	03630	1.5'	nil			
235.7 - 242.3	Garnitiferous intermediate metavolcanic (tuffaceous?) moderate silicified, dark grey with white and red blebs (spots) <1% disseminated sulphides, weakly banded						
	235.7-237.2 Representative sample	03631	1.5'	nil			
	237.2-242.3 Representative sample	03632	5.1'	nil			
242.3 - 245.6	Granite: as above 103.1-106 occasional fractured light brick red gossen						
245.6-252.7	Inter-mafic metavolcanic: as above 108-111.8 <1% disseminated						
	247-252.7 occasion light green band 1/2" one 0.5" vein contain quartz + carbonate + chlorite +(jasper?) brick red mineral.	03633	5.7'	nil			
252.7 - 256.2	Granite: as above 103.1 - 106						
	252.7-255.1 red quartz+carbonate vein 1.5", light brick red gossen	03634	2.4'	nil			
	255.1-256.2 trace light red-pink discoloration, beige	03635	1.1'	nil			
256.2 - 257	Mafic metavolcanic black, massive brick red gossen and trace chlorite along fracture 5% disseminated sulphide	03636	0.8'	nil			
257 - 263.4	Granite: as above 103.1-106, occasion beige feldspar rich bands						

DRILLED BY .....

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY oala Resources Ltd.

HOLE NO. \_\_\_\_\_

SHEET NUMBER 6 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm  
ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
263.4 - 289.1	felsic metavolcanic? light grey, very fine grained to aphanitic <1% disseminated sulphide massive				
269-271.9	Two 1/4" quartz veins, weakly silicified	03637		nil	
271.9-276	Representative sample	03638		nil	
278.9-282.1	Moderate silicified, pink and lime green discolouration	03639		nil	
289.1 - 310.5	Inter-mafic metavolcanic, as above 108' - 111.8, weak fabric 55° to core axis, weakly to non-magnetic, occasional quartz + carbonate stringer				
310.5 - 330.2	Intermediate to mafic metavolcanics, tuffaceous, dark blue and black bands, occasional garnetiferous bands (blebs), anastomosing bands and stringers of pyrrhotite, pyrite 5:1 irregularly distributed through section, concordant with fabric (banding) at 75° to core axis 1-4% disseminated concordant with fabric				
310.5-311.5	(5-8%) sulphides as discontinuous stringers	03640	1.0'	nil	
311.5-313.4	1-2% disseminated	03641	1.0'	nil	
313.4-317.2	numerous quartz veinlets 2-4% disseminated sulphides	03642	3.8'	nil	

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 7 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988 1:35 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
Continued 310.5 - 330.2							
	317.2-322.5 Representative sample 2% disseminated	03643	4.8'	nil			
	324-326 2" quartz vein, 1/2" quartz vein, 4" quartz vein, contain: 7% green amphotite 5% garnet, 2% pyrite 1" quartz vein, 4-5% disseminated sulphides	03644	2.0'				
	326-329 occasion quartz stringer 1-2% disseminated sulphide	03645	3.0'	nil			
	329-330.2 light green laminations 1-2% disseminated	03646	1.2'	nil			
330.2 - 331.1	Gneissic quartzite: grey white with black spots 0.2-1cm trace disseminated sulphides	03647	0.9'	nil			
331.1 - 346.2	inter-mafic metavolcanic light grey, light and dark grey bleb like lenses define a weak fabric in places, gneissic very fine grey aphanitic <1% disseminated						
	331.1-334.9 quartz veins 1/2" each	03648	3.8'	nil			
	334.9- 339.5 representative sample	03649	4.6	nil			
	339.5-345.7 light grey moderate silicified	03650	6.2'	nil			
	345.3-346.2 two 1" quartz veins, and ore 1/4" quartz	03551	0.9'	nil			
346.2 - 349.1	Granite: very fine grained trace disseminated						
	347.6-349.1 7" granitic quartz vein with chloritized fracture contain disseminated pyrite and two 2" quartz veins.	03552	1.5'	nil			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. 67

SHEET NUMBER 8 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988  
1:35 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
349.1 - 351.9	felsic gneiss, light grey with pinkish hue and black spec 0.5mm, frequent fracture contain chlorite + trace sulphide	03553	2.8'	nil			
351.9 - 371.5	Inter-mafic metavolcanics: as above 310.5-330.2						
	351.9-353.9 8-10% sulphides as blebs and stringer	03581	2.0'	nil			
	two 1/2" quartz stringer						
	353.9-356 quartz rich bands, 2% disseminated	03554	2.1'	nil			
	356-356.8 concordant bands stringer pyrrhotite 10-15%	03555	0.9'	nil			
	356.8-359.1 2% disseminated sulphide	03556	2.3'	nil			
	359.1-362.4 2-3% disseminated	03564	3.3'	nil			
	363.6-364.1 quartz vein 1"	03557	0.5'	nil			
	366.6-368.9 5%, pyrrhotite + pyrite, 3:1 as stringers	03558	2.3'	nil			
	370.3-371.5 5% pyrrhotite + pyrite, 1:3 as stringers	03559	1.2'	trace			
371.5 - 371.6	Granite dyke						
371.6 - 371.9	Intermediate metavolcanic sharp contacts 75° core axis						
371.9 - 372.5	Granite dyke						
372.5 - 376.8	Inter-mafic metavolcanic massive weak fabric <1% disseminated sulphide weak to moderate magnetic						
	375.1 -376.5 2% finely disseminated sulphides	03560	1.4'	nil			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

Koala Resources Ltd.

HOLE NO.       K7      

K7

SHEET NUMBER   9 of 13  

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM   L24W/8+44N  

COMPLETED Tues. Sept. 13, 1988  
1:35 pm

DEPARTURE \_\_\_\_\_

BEARING   180°  

ULTIMATE DEPTH   546'  

ELEVATION \_\_\_\_\_

DIP   -45°  

PROPOSED DEPTH   600'  

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
376.8 - 377.3	Granite, contains Xenolith of metavolcanics <1% disseminated sulphide						
377.3 - 385.4	Inter-mafic metavolcanics as above 372-376.8						
	381.1-382 2% disseminated sulphides, 1/4" quartz vein blueish hue to quartz	03561	0.9'	nil			
	383.6-384.1 quartz vein 1.5"	03562	0.5'	nil			
385.4 - 385.8	Granitic dyke						
385.8 - 387.0	Intermediate metavolcanic, green, massive (andesite) <1% disseminated sulphides						
387.0 - 388.2	Granite dyke with Xenoliths of intermediate metavolcanic 1-2% disseminated associated with Xenolith margins	03563	1.2'	nil			
388.2 - 417.1	Inter-mafic metavolcanic, dark green-black very fine grained to aphanitic, massive (metabasaltic-metaandesitic flow?) 1-2% disseminated sulphide						
	405.1-406 quartz vein 4.5"	03565	0.9'	nil			
	416-417.1 Lower contact, 1% disseminated sulphide	03566	1.1'	nil			
417.1 - 424	Banded magnetite + Sulphide Zone -1/2" bands to lamilla of very fine to aphanitic steel grey magnetic alternating with quartz rich light grey bands above and below the banded magnetite are stringers and anastomosing blebs of pyrrhotite, pyrite, 10:1						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 10 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
417.1-418.3	Higly silicious, quartz vein rich, garnetiferous bands, stringers and blebs of pyrrhotite 8% + <1% pyrite, anastomosing chlorite seams associated with sulphides occasional fracture contain chlorite, upper contact quartz vein	03567	1.2'	nil			
418.3-419.0	40% pyrrhotite, 2% pyrite as band and stringers	03568	0.7'	trace			
419.0-421.2	Banded magnetite, 30% magnetite, 1-2% pyrrhotite as grains along margins of magnetite bands and as minor cross-cutting stringers occasional fracture contain chlorite and 1-3% disseminated pyrite	03569	2.2'	nil			
421.2-423.1	25-30% pyrrhotite, 1-2% pyrite	03570	1.9'	nil			
423.1-424.0	6% pyrrhotite, 2-3% pyrite, 2% magnetite, fracture contain chlorite + chloritic seams	03571	0.9'				
424.0 - 424.1	Granitic dyke						
424.1 - 432.1	Inter-mafic-metavolcanic, dark grey green to black, massive, (flow?) 1-2% disseminated sulphide						

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# DIAMOND DRILL RECORD

PROPERTY

Koala Resources Ltd.

HOLE NO. K7

SHEET NUMBER 11 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED ~~Sun~~ Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
432.1 - 434.5	Banded magnetite + sulfide zone, black and green bands hosted in very fine grained light grey rock having glassy white and black specs, bands 1/16"-1/4".				
432.1-433.2	8% magnetite, 5% magnetite, 5% pyrrhotite <1% pyrite, Pyrrhotite + pyrite as disseminated and as blebs associated with anastamosy chloritic bands	03572	1.1'	nil	
433.2-433.8	2" band semi-massive sulphides as 40% pyrrhotite, 4% pyrite, approximately 25% sulphide through section as stringers associated with chlorite	03573	0.6'	nil	
433.8-434.5	five 1/2" chlorite bands 4% disseminated sulphides, sharp lower contact 75° to core axis	03574	0.7'	nil	
434.5 - 457.9	Granite, grey green specs in grey white ground mass, green amphibole 20-30% quartz 25-30%, yellowish white feldspar 20%, plag 20%. biotite <5% disseminated sulphide, medium fine grain.				
456-457.9	pinkish hue to feldspar, lower contact	03757	1.9'	nil	
457.9 - 458.7	Inter-mafic metavolcanic? dark green frequent fracture contain quartz + trace carbonate, brick red gossen with fracture, moderate chloritized	03576	0.8'	nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K7

SHEET NUMBER 12 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sun. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988  
1:35 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
458.7 - 468.8	Granite as above 434.5-457.9 pinkish hue to feldspar upper contact 62° to core axis, lower contact sharp irregular						
	458.7-459.8 upper contact, infrequent fracture with brick red mineal (Jasper?)	03577	1.1	nil			
468.8 - 477.3	Inter-mafic metavolcnics, dark grey green massive, <1% disseminate						
	470.3-471.5 6" weakly carbonate enriched zone	03578	0.8'	nil			
	471.5-477.3 representative sample	03579	5.8'	nil			
477.3 - 480.2	Granite moderately chloritized, brick red mineraliza- tion at lower contact, trace carbonate at lower contact <1% disseminated sulphide	03580	2.9'	nil			
480.2 - 511	Inter-mafic metavolcanics, dark medium green to dark blueish grey, massive, <1% disseminated sulphide						
	480.2-481.3 Moderate chloritized frequent carbonate stringers	03582	1.1'	nil			
	481.3-482.6 3.5" carbonate vein with hostryclasts	03583	1.3'	nil			
	486-488 moderate chloritized, weak brick red alter- ation.	03584	2.0'	nil			
	488-488.4 weakly sheared, carbonate veinlets heavily brick red gossen + brick red mineral (jasper?)	03585	0.4'	nil			

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SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY

Koala Resources Ltd.

HOLE NO.

K7

SHEET NUMBER 13 of 13

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Mon. Sept. 11, 1988 8pm

LATITUDE \_\_\_\_\_

DATUM L24W/8+44N

COMPLETED Tues. Sept. 13, 1988

DEPARTURE \_\_\_\_\_

BEARING 180°

1:35 pm

ULTIMATE DEPTH 546'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
Continued 480.2	- 511						
	488.4-491.5 lower contact, moderately magnetic occasional carbonate band 1/2", occasional fracture contain chlorite + trace (jasper?)	03586	3.1'	nil			
	500.3-502.2 carbonate veins with associated chlorite + garnet 3", 2" and a 1" veinlet	03587	2.2'	nil			
511 - 511.5	Granitic dyke, fine grained, distinct lower contact, sharp upper contact 77% to core axis, no apparent sulphides						
511.5 - 546	Inter-mafic metavolcanics, dark green to blueish grey, occasional redish band <1/4, quartz-carbonate veinlets irregular distributed, <1% disseminated						
	513.5-516.6 several carbonate stringers, 3" quartz carbonate vein	03588	3.1'	nil			
	530.4-532.8 1.5" quartz vein, 1' quartz-carbonate section with anastomosing lenticular clasts of host rock	03589	2.4'	nil			
	535.6-538.1 representative sample	03590	2.5'	nil			
	546 END HOLE Acid test observed 49° corrected 41°						

DRILLED BY .....

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-8

SHEET NUMBER 1 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Wed. Sept. 14, 1988  
 LATITUDE \_\_\_\_\_ DATUM L96W/42+40N/220' E of Line COMPLETED Fri. Sept 16, 1988 am  
 DEPARTURE \_\_\_\_\_ BEARING 303° ULTIMATE DEPTH 416  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 14.3	Overburden				
14.3 - 26.3	Felsic quartz-feldspar amphibole gneiss, aphanitic very fine grained, light grey, alternating quartz rich bands (infrequent) and amphibole-feldspar quartz bands, rare fracture weakly gossened amphibole is green and asicular banding 58° to core axis <1% disseminated sulphides, white lense like quartz blebs through out section 16-21 representative samples	03591	5.0'	nil	
26.3 - 27.0	meta-andesite, grass green, massive 1/8" quartz vein upper contact, fracture weakly gossened 1% disseminated sulphide	03591	0.7'	nil	
27.0 - 28.1	Felsic quartz feldspar -amphibole gneiss as above 14.3-26.3 contact sharp + concordant with fabric				
28.1 - 35.3	meta-andesite, grass green, massive, sharp contacts, lower contact 45° core axis no apparent sulphide, non magnetic very fine grain metadioritic texture in places				
35.1 - 38.4	Meta andesite as above 26.3-27.0 weakly foliated, contacts concordant with fabric + foliation				
38.4 - 56.3	felsic-quartz feldspar-amphibole gneiss as above 14.3-26.3				

DRILLED BY Forages A Diamants Alexandre Inc.

SIGNED *[Signature]*

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-8

SHEET NUMBER 2 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Wed. Sept. 14, 1988

LATITUDE \_\_\_\_\_

DATUM L96W/42+40N/220'E of Line

COMPLETED Frid Sept. 16, 1988 am

DEPARTURE \_\_\_\_\_

BEARING 303°

ULTIMATE DEPTH 416

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
Continued 38.4-56.3							
	41.7-46.0 weakly chlorite, fractured no apparent sulphide	03593	4.7'	nil			
56.3 - 56.9	quartz sericite schist, light greenish grey white, no apparent sulphides.						
56.9 - 64.1	Felsic-quartz-feldspar-amphibole gneiss as above 14.3-26.3 amphibole is minor, sericite apparent on broken surface 60.5-61.0 white blebs increase from <0.5mm to 1-2mm in size no apparent sulphides.						
64.1 - 64.2	Meta-andesite as above 28.1-35.3						
64.2 - 70.5	Felsic quartz - sericite - amphibole gneiss 68.2-68.9 3" quartz vein with 1% pyrite associated with	03594	0.7	nil			
70.5 - 74.0	Felsic quartz-feldspar - biotite gneiss, flakes of biot. producing a planar fabric in a white ground mass, white rounded blebs of quartz 1-2mm in size, fine grain white feldspar <1% disseminated sulphide, feldspar altering to sericite	03595	3.5'	nil			
74.0 - 100.2	felsic quartz sericite amphibole gneiss light grey, weakly gneissic sericite gives aplitic feel to broken surfaces, frequent small white blebs <0.5mm no apparent sulphides						

DRILLED BY .....

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-8

SHEET NUMBER 3 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Wed. Sept. 14, 1988

LATITUDE \_\_\_\_\_

DATUM L96W/42+40N/220'

COMPLETED Frid. Sept 16, 1988 am

DEPARTURE \_\_\_\_\_

BEARING -45°

ULTIMATE DEPTH 350'

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
Continued 74-100.2							
	84.7-85.4 4.5" quartz vein	03596	0.7'	nil			
	85.4-90.4 representative sample	03597	5.0'	nil			
100.2 - 115.4	Meta-andesite, dark grass green, massive, very fine grain to aphanitic, weak fabric, sharp upper and lower contacts 42° to core axis and concordant with fabric, infrequent fracture with trace chlorite + sulphide, weakly gossened, 1% disseminated sulphides						
	106-111 representative sample	03598	5.0'	nil			
115.4 - 139	felsic quartz sericite amphibole gneiss as above 74.0-100.2, infrequent schistose sericite rich band 1/4 to " wide						
139 - 161.7	felsic quartz amphibole gneiss, medium grey with occasional light grey band sericite schist., "no" white spots, variable 1-7% disseminated sulphide and as discontinuous stringers, wisps, concordant with weak fabric						
	139-141.7 5-7% disseminated, wisps, stringer sulphides	03599	2.7	nil			
	145.9-148.2 1-3% disseminated wisps, stringers,	03600	2.3'	nil			
	148.2-149.0 1% sulphides	03501	0.8'	trace			
	149.0-149.8 3% sulphide 2" sili chlorite zone	03502	0.8'	nil			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

K-8 HOLE NO. K-8

SHEET NUMBER 4 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
Continued 139-161.7								
149.8-150.9	2-3% disseminated sulphide	03503	1.1	nil				
150.9-153.0	1% disseminated, 2" section suggestive of felsic tuff	03504	2.1	nil				
153.0-153.8	two 1' bands 10% blebs and whisp of pyrite	03505	0.8'	nil				
153.8-154.9	1-2% disseminated	03506	1.1'	nil				
154.9-155.5	1.5" quartz vein, 6-8% sulphide as blebs	03507	0.6'	nil				
158-159	2-4% sulphides	03508	1.0'	nil				
161.7-174.9	Sericite schist, light greyish white, infrequent quartz amphibole gneissic band 1/2-2" wide, rare gossened fracture <1% disseminated sulphide							
161.7-165.7	1% sulphide along foliation surface	03509	4.0'	nil				
165.7-170.9	representative sample	03510	5.2'	nil				
174.9 - 176.5	meta-andesite, dark grass green, massive weak fabric, 1% disseminated							
176.5 - 185.5	Sericite schist/quartz amphibole feldspar gneiss alternating bands, trace sulphides							
180.4-185.5	representative sample	03511	5.1'	nil				
185.5 - 194	Quartz-amphibole-feldspare (sericite) gneiss, similar to 115.4-139 <1% disseminated sulphide							

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-8

SHEET NUMBER 5 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Wed. Sept 14, 1988  
 LATITUDE \_\_\_\_\_ DATUM L96W/42+40N/220' E of Line COMPLETED Frid. Sept. 16, 1988 am  
 DEPARTURE \_\_\_\_\_ BEARING 303° ULTIMATE DEPTH 416  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
Continued 185.5-194					
	185.5-190.3 representative sample	03512	4.8'	nil	
	192.7-194.0 1" quartz vein, 1/2" quartz vein, lower contact	03513	1.3'	nil	
194.0 - 208.8	Meta-andesite, dark grass green, massive, sphanitic, weak fabric, frequent hairline quartz stringer 1-2% disseminated.				
	194-195 upper contact, 2% disseminated frequent quartz stringer	03514	1.0'	nil	
208.8-216.9	Felsic quartz-amphibole gneiss, light greenish grey infrequent quartz veins 1/4" to 1", 3 to 10% disseminated stringers				
	208.8-210.7 8-10% sulphides	03515	1.9'	nil	
	210.7-216.9 3-6% sulphides, 1" quartz vein	03516	6.2'	nil	
216.9 - 226.7	(Felsic quartz-amphibole gneiss?) medium light grey green, chloritized, occasional to frequent fracture contain quartz + carbonate+chlorite, irregular distribution of quartz veins 8%-20% pyrite as blebs, whisps and disseminate				
	216.9-218.3 11" quartz vein with <1% sulphides, chlorite wall rock 8% disseminated sulphide sharp upper contact 60° to core axis, distinct lower contact 65° to core axis	03517	1.4'	nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-8

SHEET NUMBER 6 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Wed. Sept 14, 1988 p

LATITUDE \_\_\_\_\_

DATUM L96W/42+40N/220' E of Line

COMPLETED Frid. Sept. 16, 1988 am

DEPARTURE \_\_\_\_\_

BEARING 303°

ULTIMATE DEPTH 416

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
Continued 216.9-226.7							
218.3-219.0	2.5" quartz vein, 8% in wall rock	03518	0.7	nil			
219.0-221.7	weakly altered 8-10% pyrite	03519	2.7	nil			
221.7-222.8	moderate chloritized, 2" quartz vein	03520	1.1	nil			
222.8-224.2	strongly chloritized, 20% pyrite	03521	1.4	nil			
224.2-226.7	very strongly chloritized, <1% pyrite 1/2' quartz vein	03522	2.5	nil			
226.7 - 236.7	Zone of strong shearing, brecciation and alteration, no apparent sulphides						
226.7-227.6		03523	0.9	nil	upper breccia zone		
227.6-228.18	breccia, weak-strong chlorite fragment	03524	1.2	nil			
	0.5mm to 4cm in brick red (jasper) matrix						
	50% matrix-50% clasts, 1-2% carbonate						
228.8-330.5	strongly chloritized, irregular brick red	03525	1.7	nil			
	discoloration, frequent fracture						
	fracture surfaces slickened and strongly chloritized (quartz-amphibole gneiss?)						
230.5-232.0	strongly-moderate chlorite less reddened	03526	1.5	nil			
232.0-234.4	very strongly chlorite (sericite schist)	03527	2.4	nil			
	strongly foliated mottled green and dark red						
	bands all broken surface slickened						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-8

SHEET NUMBER 7 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Wed. Sept 14, 1988

LATITUDE \_\_\_\_\_

DATUM L96W/42+40N/220' E of Line

COMPLETED Frid. Sept. 16, 1988 am

DEPARTURE \_\_\_\_\_

BEARING 303°

ULTIMATE DEPTH 416

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	234.4-236.7 weakly foliated, strong fracture contain chlorite quartz + jasper	03528	2.3	nil			
236.7 - 239.3	Quartz-sericite schist, moderate chloritized, frequent (jasper?) stringers no apparent sulphide	03529	2.6	nil			
239.3 - 244.2	Quartz-amphibole-sericite gneiss, moderate weakly chlorite, frequent fracture, weak foliation due to sericite, fracture slickened, no apparent sulphide	03530	4.9	nil			
244.2 - 286.0	Quartz-amphibole-sericite gneiss/schist (altered zone) alternating from weakly foliated to moderately foliated (gneissic to schistose) due to abundance of sericite, weakly-moderate chloritized, weakly-moderately silicified frequent fracture contain quartz + chlorite + jasper + carbonate, fracture frequent slickened, no apparent sulphides						
	244.2-246 gneissic reddish hue, weakly altered	03531	1.8	nil			
	246.0-251.9 representative section	03532					
	258.6-260.6 two 1/2" quartz veins, weak altered	03533	2.0	nil			
	262.4-265.3 weak-moderate chlorite, moderate foliate slickened	03534	2.9	nil			
	267.9-270.0 five quartz-carbonate veinlets 1/4" average	03535	2.1	nil			
	271.9-272.9 1" quartz carbonate vein orange hue	03536	1.0	nil			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-8

SHEET NUMBER 8 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Wed. Sept 14, 1988 p

LATITUDE \_\_\_\_\_

DATUM L96W/42+40N/220' E of Line

COMPLETED Frid. Sept. 16, 1988 am

DEPARTURE \_\_\_\_\_

BEARING 303°

ULTIMATE DEPTH 416

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	279.7-283.0 representative sample	03537	3.3	nil			
286 - 295.3	Felsic quartz-amphibole-sericite gneiss weak fabric massive, schistose on broken surface, no apparent sulphides						
295.3 - 296.5	Quartz-sericite schist, weak-medium chlorite and silicified red anastomosing stringers (jasper?) no apparent sulphides	03653	1.2	nil			
296.5 - 317.7	quartz-sericite schist/gneiss, very light grey, varying sericite imparts schistosity randomly through section, occasional fracture contain chlorite red vicular <1% disseminated sulphide quartz vein						
	297.2-298.6 1% disseminated sulphides	03538	1.4	nil			
	298.6-299.5 1.5" quartz vein	03539	0.9	nil			
	299.5-304.1 representative sample	03540	4.6	nil			
317.7 - 318	meta-andesite, dark grass green, massive, sharp concordant with fabric, upper contact 60° to core axis, no apparent sulphides						
318-318.9	Quartz-sericite schist/gneiss as above						
	296.5-317.7 no apparent sulphides	03541	1.2	nil	318'-319.2		
318.9 - 319	Meta-andesite as above 317.7-318						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-8

SHEET NUMBER 9 of 10 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Wed. Sept 14, 1988 p  
 LATITUDE \_\_\_\_\_ DATUM L96W/42+40N/220' E of Line COMPLETED Frid. Sept. 16, 1988 am  
 DEPARTURE \_\_\_\_\_ BEARING 303° ULTIMATE DEPTH 416  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
319 - 362.2	quartz-sericite schist, as above 296.5 to 317.7				
	alternating pink and green hues as weak banding, moderately-weakly silicified, no apparent sulphides				
	326-331 representative sample	03542	5.0	nil	
	346-351 representative sample	03543	5.0	nil	
	356-356.8 quartz vein 1.5"	03544	0.8	nil	
	356.8-361.2 strong orange hue over section	03545	4.4	nil	
	361.2-362.2 lower contact distinct quartz veinlet	03546	1.0		
362.2 - 367.2	Intermediate metavolcanic, dark green with red specks (jasper mineralization?) moderate strongly chloritized, frequent quartz + carbonate veinlet, no apparent sulphides				
	frequent fracture contain (jasper?) brick red +chlorite fracture is hackley, weak fabric				
	362.2-363.1 upper contact	03547	0.9	nil	
	363.1-367.2 as described	03548	4.1	nil	
367.2 - 374.9	Strongly altered and partly brecciated zone chlorite + jasper + carbonate mineralization no apparent sulphides				
	367.2-368.8 quartz-sericite gneiss, white spots <0.5 mm moderately altered.	03549	1.6	nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-8

SHEET NUMBER 10 of 10

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_  
L96W/42+40N/220' E of Line

STARTED Wed. Sept 14, 1988  
Frid. Sept. 16, 1988 am

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING 303°

ULTIMATE DEPTH 416

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
continued 367.2-374.9					
368.6-370.6	breccia, dark green clasts in red matrix. 1% carbonate. 20-60% matrix, 80-40% clasts	03550	2.0	nil	
370.6-374.9	dark green to black with brick red colour- ation on fracture surface + strongly chloritized, white dusting film on core surface	03651	4.9	nil	
374.9 - 416.0	Meta-andesite, dark green with white specs. aphanitic to very fine grained (dioritic where fine grained), weakly moderate magnetic, brick red gossen and veinlets of quartz + (jasper? red mineral), frequent fracture contain chlorite no apparent sulphides				
381-386	representative sample	03652	5.0	nil	
391.8-393.2	weakly brecciated, strongly chloritized + (jasper? enriched), brickred colouration to core	03654	1.4	nil	
395.2-396.3	strongly chloritized, weakly brecciated red gossen quartz + trace carbonate fracture fill	03655	1.1	nil	
396.3-400.9	moderately chloritized, weakly brecciated over 2.5, 5-8% quartz-carbonate matric	03656	4.6	nil	
416' END HOLE	ACID TEST at 396' observed 51.5° corrected 44°				

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 1 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Frid. Aug. 16, 1988

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Sept. 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 13.5	OVERBURDEN				
13.5 - 113.2	Granodiorite, grey white with green and brown speca, fine to medium grained, 60% plag. 5% quartz, 30% green amphibole 5% biotite, <1% disseminated sulphides in frequent rare fracture contain quartz + chlorite rare quartz veinlet <1/8", gradational grain size variation with depth				
43 - 44.7	10% brick red mineral (jasper?)	03657	1.7	nil	
46 - 61	representative sample	03658	5.0	nil	
96 - 101	representative sample	03659	5.0	nil	
111.2-113.2	lower contact sharp 45° to core axis vilinear chlorite along contact surface	03660	2.0	nil	
113.2- 143.1	Metasediments, light grey and reddish ligh grey bands, frequent garnetiferous bands, bands 1/8"-4" suggestive of bedding, occasional quartz lense or vein, infrequent fracture contain chlorite banding 75° to core axis, 1-5% disseminated sulphide				
113.2-115.5	upper contact 1-2% disseminated sulphide	03661	2.3	nil	
115.5-116.7	Two 1" quartz veins, 2% disseminated sulphide	03662	1.2	nil	
116.7-121.0	representative sample	03663	4.3	nil	
121.0-122.7	two 1" quartz veins, 5% disseminated sulphide	03664	1.7	nil	

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-9

SHEET NUMBER 2 of 8 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Fri. Aug. 16, 1988 pm  
 LATITUDE \_\_\_\_\_ DATUM L20W/305 200'E of line COMPLETED Mon. Aug 19, 1988 7pm.  
 DEPARTURE \_\_\_\_\_ BEARING 160° ULTIMATE DEPTH 506  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
113.2 - 143.1	continued						
122.7-123.9	3" quartz vein with chlorite + 1% disse-	03665	1.2	nil			
123.9-126	5" quartz chlorite vein 3-4% disseminated sulphide	03666	2.1	nil			
126.0-131.0	garnet poor section 1-2% disseminated	03667	5.0	nil			
131-133.6	2-4% very fine disseminated sulphide garnet poor, no quartz veining	03668	2.6	nil			
133.6-138	same 131-133.6	03669	4.4	nil			
138-143.1	1-2% disseminated, garnet poor, no quartz	03670	5.1	nil			
143.1 - 145.3	White biotite Granite dyke, occasional fracture contain chlorite, 2% disseminated sulphide	03671	2.2	nil			
145.3 - 156.9	gneissic quartzite, darker and lighter metasediment grey bands trace sulphides, weak fabric due to biotite						
148.8-150.0	2.5" and 1/4 quartz vein	03672	1.2	nil			
155.6-156.9	lower contact	03673	1.3	0.01			
156.9 - 164.5	Granodiorite as above 13.5-113.2 1% disseminated sulphide, occasional fracture vinar of chlorite						
156.9-158.2	Upper contact, 2% disseminated sulphide	03674	1.3	nil			
164.5 - 185.5	Metasedimentary greyish pink and greyish white gneissic lamilli, garnet rich throughout section <0.5 mm in size <1% sulphide, gneissocity 40° to core axis						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 3 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. Aug. 16, 1988

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Aug 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
164.5 - 185.5	continued						
	166-169.2 1% disseminated sulphides	03675	3.2	nil			
	173.5-175.4 weak moderate chloritized quartzitic band	03676	1.9	nil			
	181.9-184.2 4" weak moderate chloritized quartz band	03677	3.3	nil			
	1% disseminate						
185.5 - 195.5	Granodiorite, as above 13.5 to 113.2 <1% disseminated sulphide						
195.8 - 197	Diorite, grass green, very fine grained 2% disseminated sulphide	03678	1.2	nil			
197 - 203.5	Granodiorite as above 13.5-113.2						
203.5 - 274.8	Intermediate - mafic metavolcanic, dark greenish blue to black, aphanitic massive occasional fracture contain vlinear chlorite trace sulphide, 1-2% disseminated increasing to 2-3% with depth, up to 25% pyrite + pyrrhotite as stringer near lower contact stringer at 55° to core axis						
	218.3-223.2 1-2% disseminated sulphides representative	03679	4.9	nil			
	228.9-231.8 3" garnetiferous band, weakly chloritized	03680	2.9	nil			
	231.8-232.9 4" carbonated + quartz vein with 10% jasper along margins, medium chloritized	03681	1.1	nil			
	232.9-236 moderate - weakly chloritized	03682	3.1	nil			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 4 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. Aug. 16, 1988

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Aug 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
203.5 - 274.8	continued						
	246 - 250.5 1-2% disseminated trace epidote	03683	4.5	nil			
	253.9-255.3 2-3% disseminated sulphide and as whisps	03684	1.4	nil			
	265.5-271.0 2-4% disseminated sulphide and as whisps	03685	5.5	nil			
Conductive zone	271.0-273.8 25% sulphide as stringer, highly silicified	03686	2.8	nil			
	pyrrhotite: pyrite 10:1						
	273.8-274.8 25% sulphides, lower contact silicified	03687	1.0	trace			
274.8 - 279.5	White biotite granite, fine grained quartz rich, massive						
	Aug. 1-2% disseminated sulphides						
	274.8-276.0 upper contact 3-4% disseminated sulphide	03688	1.2	nil			
279.5 - 288.9	Intermediate-mafic metavolcanic, massive dark, grass green						
	aphanitic, 3-5% disseminated sulphides						
	282 -286 as described	03691	4.0	nil			
288.9 - 299.8	Intermediate-mafic metavolcanics, anastomosing stringer like						
	green and red patches in a grey white background, garnet						
r	rich, highly silicified, 1-8% sulphides as whisps and						
	disseminate						
	288.9-292.7 5-8% disseminate	03689	3.8	nil			
	292.7-297.8 1% disseminate	03690	5.1	nil			
	297.8-299.8 1-2% disseminate lower contact	03692	2.0	nil			

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 5 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. Aug. 16, 1988 pm

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Aug 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
299.8 - 308.8	Quartz-biotite granitic gneiss, greyish white, dyke very fine grained, 1-3% disseminated sulphides, similar to 274.8-279.5						
	299.8-305.7 1-2% disseminated sulphides	03693	5.9	nil			
	305.7-308.8 2-3% disseminated sulphides	03694	3.1	nil			
308.8 - 334.7	Intermediate to mafic metavolcanics dark grass green to blueish black, aphanitic massive, infrequent fracture contain vinar chlorite 1-5% disseminated sulphides						
Conductive zone	308.8-309.9 20-25% pyrrhotite, 1-2% pyrite as stringers upper contact transitional highly silicified	03695	1.1	nil			
	309.9-311.9 1-3% disseminate, 1.5" garnetiferous band	03696	2.0	nil			
	321.9-323.8 3-5% fine disseminated sulphide	03697	1.9	nil			
	327.1-330.3 highly siliceous 10% pyrrhotite, 1% pyrite as anastamosy stringers, 1" quartz vein	03698	3.2	trace			
	330.3-334.7 3-5% fine disseminated sulphides	03864	4.4	nil			
334.7-357.3	Granodiorite as above 13.5-113.2, 1-3% disseminated sulphides						
	334.7-336 upper contact 30° to core axis, 2-3% disse	03699	1.3	nil			
	355-357.3 lower contact 40° to core axis, heavily to moderate chloritized, brick red mineralization	03700	2.3	nil			
	1mm spots (jasper?) 1-2% disseminated sulphides						

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# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd. HOLE NO. K-9

SHEET NUMBER 6 of 8 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Fri. Aug. 16, 1988 pm  
 LATITUDE \_\_\_\_\_ DATUM L20W/305 200'E of line COMPLETED Mon. Aug 19, 1988 7pm  
 DEPARTURE \_\_\_\_\_ BEARING 160° ULTIMATE DEPTH 506  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
357.3 - 362.6	Metabasalt, black, aphanitic, massive, infrequent fracture contain trace chlorite + carbonate 1-2% disseminated sulphides						
357.3-358.9	upper contact	03851	1.6	nil			
362.6 - 365.9	Quartz-biotite-granitic gneiss as above 299.8-308.8 <1% disseminated sulphides						
365.9 - 380.8	Metabasalt, grey black aphanitic, pyroxene phenocrysts, occasional garnetiferous band, infrequent quartz vein, 1-8% disseminated sulphides						
366.8-369	8% very fine disseminated sulphides	03852	2.2	nil			
378.9-380	2.5" quartz carbonate vein	03853	1.1	nil			
380.8 - 381.5	Quartz-biotite-granitic gneiss as above 299.8-308.8 <1% disseminated sulphides						
381.5 - 388.3	Metabasalt, as above 365.9-380.8 1-4% disseminated sulphides						
381.5-383.6	Three 1" carbonate veins, weak fabric 4% disseminated sulphides	03854	2.1	nil			
383.6-385.4	frequent garnetiferous bands, 3-4% finely disseminated sulphides	03855	1.8	nil			
388.3 - 407.3	Quartz-biotite-granitic gneiss as above 299.8-308.8, <1% disseminated sulphides						

DRILLED BY .....

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 7 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. Aug. 16, 1988

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Aug 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
388.3 - 407.3	Continued						
	402.8-403.7 quartz + carbonate vein with reddened margins, 1" vein and red colouration over 5"	03856	0.9	nil			
	405.8-407.3 3" quartz + carbonate vein with whisps of red mineral (jasper?), lower contact distinct 65° to core axis, core is lighter grey with irregular whisps stringers of quartz + (jasper?) red mineral, <1% disseminated sulphides	03857	1.5	nil			
407.3 - 486.3	Metabasalt, greyish black, aphanitic, phenocrysts of pyroxene occasional to infrequent garnetiferous band, rare quartz vein, infrequent fracture, contain chlorite + trace sulphides magnetic, 1-2% disseminated sulphides						
	407.3-412 upper contact	03858	4.7	nil			
	412-413.1 1" quartz vein, 2" quartz + carbonate vein	03859	1.1	nil			
	420.8-421.8 3.5" quartz + carbonate vein, garnet rich	03860	1.0	nil			
	441-446.0 representative sample as described	03861	5.0	nil			
	461-466.0 representative sample as described	03862	5.0	nil			
	472.1-472.8 1/2" quartz vein with 1% disseminated with associate chlorite, 2% disseminated sulphides	03863	0.7	nil			

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-9

SHEET NUMBER 8 of 8

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Fri. Aug. 16, 1988

LATITUDE \_\_\_\_\_

DATUM L20W/305 200'E of line

COMPLETED Mon. Aug 19, 1988 7pm

DEPARTURE \_\_\_\_\_

BEARING 160°

ULTIMATE DEPTH 506

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 500

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	484.1-485 2" granitic quartz vein	03865	0.9	nil			
	485-486.3 lower contact, 2% disseminated sulphides	03866	1.3	nil			
486.3 - 487.6	Breccia, 70% chlorite matrix, carbonate + quartz fragments, 1/4" blebs of pyrite, 1" section of brick red matrix with chloritic clasts.	03867	1.3	nil			
487.6 - 489.6	Granodiorite, greyish white with brown and green specs fine grained except at lower contact where 3" section of porphoritic pyroxene lower contact t 50° to core axis <1% disseminated sulphides	03868	2.0	nil			
489.6 - 506	meta-basalt as above 407.3-486.3, 1-2% disseminated sulphides						
	498.6-499.9 5% disseminated and as whisp like discontinuous stringers, frequent garnetiferous band	03869	1.3	nil			
	506' END OF HOLE						
	506' ACID TEST observed: 56.5° corrected: 48°						

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-10

SHEET NUMBER 1 of 5

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sept. 21, 1988 4:30 pm

LATITUDE \_\_\_\_\_

DATUM L92W/10+00Sand 21'E of line

COMPLETED Sept. 22, 1988 2:30p

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 246'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 7.0	OVERBURDEN				
7.0 - 9.0	Quartz-feldspar-biotite gneiss, grey white, very fine grained, <1% disseminated sulphides				
9.0 - 13.2	Intermediate to mafic metavolcanic, dark green to black aphanitic, occasional fracture, weakly gossened, <1% disseminated sulphides				
13.2 - 23.5	Dark and light grey banded gneiss, (Metasedimentary?) banded 1/4 to 1" at 45° to core axis, no apparent sulphides				
23.5 - 29.8	Intermediate to felsic metavolcanics, lighter and dark in distinct bands of grey green, aphanitic, weak fabric, occasional quartz stringer, 1-6% disseminated sulphides concordant with fabric (gneissosity)				
23.5 - 24.2	3" quartz vein, 1% disseminate	03870	0.7	nil	
24.2 - 26.0	1-2% disseminated sulphides	03871	1.8	nil	
26.0-28.6	3-6% disseminated sulphides 1/2 quartz vein	03872	2.6	nil	
28.6-29.8	1-2% disseminated sulphides	03873	1.2	nil	
29.8 - 30.2	White biotite granite, fine grained sharp upper and lower contacts, 45° to core axis trace sulphides				
30.2 - 30.6	Quartz-biotite gneiss, light grey, trace sulphides				
30.6 - 31.0	White biotite granite, as above 29.8-30.2				

DRILLED BY Forages A Diamants Alexandre Inc.

SIGNED *Gordy N. Hendon*

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-10

SHEET NUMBER 2 of 5

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sept. 21, 1988 4:30 pm

LATITUDE \_\_\_\_\_

DATUM L92W/10+00Sand 21'E of line

COMPLETED Sept. 22, 1988 2:30 pm

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 246'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
31.- 33.6	Intermediate to felsic metavolcanics, as above 23.5-29.6, 1/2" quartz vein at upper contact, distinct lower contact at 45° to core axis 3% disseminated sulphides	03874	2.6	nil				
33.6 - 36.0	White biotite Granite, as above 29.2-30.2, contains two 1" bands of quartz biotite gneiss as above 30.2-30.6 trace disseminated sulphides	03875	2.4	nil				
36.0 - 38.3	Dark and light grey weakly banded gneiss, (metasediment?) bands <1/8", at 45° to core axis no apparent sulphides	03876	2.3	nil				
38.3 - 64.0	Intermediate-felsic metavolcanics, shades light grey green to dark grey green, aphanitic, weakly moderate silicified, occasional fracture contain chlorite + trace sulphide, weakly-moderate chloritized near lower contact 1-3% disseminated sulphides, occasional bleb, stringer of sulphides							
	38.3-43.1 1% disseminated sulphides, 1" white biotite granite dyke	03877	4.8	nil				
	43.1-44.3 Moderately chloritized, 1" granitic dyke	03878	1.2	nil				
	44.3-47.0 3-4% sulphides associated with whiap chloritic stringers concordant with weak fabric at 45° to core axis	03879	2.7	nil				

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-10

SHEET NUMBER 3 of 5

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sept. 21, 1988 4:30 pm

LATITUDE \_\_\_\_\_

DATUM L92W/10+00Sand 21'E of line

COMPLETED Sept. 22, 1988 2:30p

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 246'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
38.3 - 64.0	Continued							
	47.0 - 50.0 trace sulphides, weakly silicified	03880	3.0	nil				
	50.0-52.3 1-2% disseminated, moderately silicified	03881	2.3	nil				
	52.3-55.0 2-3% disseminated, moderately-strongly silicified	03882	2.7	nil				
	55.0-56.5 highly siliceous, weakly brecciated, 8-10% sulphides as wispy blebs pyrite and pyrrhotite	03883	1.5	nil				
	1:4 quartz-biotite matrix in 3" brecciated section							
	56.5-58.3 felsic section, white quartz spots <0,5mm 1% disseminated sulphides	03884	1.8	nil				
	58.3-60.3 1-2% disseminated sulphides	03885	2.0	nil				
	60.3-62.4 frequent fracture contain pyrite + chlorite gossened fracture 1% disseminated sulphides	03886	2.1	nil				
	62.4-63.0 granitic quartz vein, pinkish hue	03887	0.6	nil				
	63.0-64.0 weakly chloritized + moderate silicified lower contact, 1% disseminated sulphides	03888	1.0	nil				
64.0 - 165.1	White biotite granite, white to grey white with black specks and with occasional section having pink hue, fine-medium grained, 10-15% biotite, 25-35% quartz, 20-25% plag, 25-40% feldspar, 1-3% chlorite, 1% disseminated sulphides infrequent fracture contain trace carbonate + chlorite brick red vinar jasper?							

DRILLED BY .....

SIGNED .....

# DIAMOND DRILL RECORD

PROPERTY Koala Resources Ltd.

HOLE NO. K-10

SHEET NUMBER 4 of 5

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED Sept. 21, 1988 4:30 pm

LATITUDE \_\_\_\_\_

DATUM L92W/10+00Sand 21'E of line

COMPLETED Sept. 22, 1988 2:30p

DEPARTURE \_\_\_\_\_

BEARING 180°

ULTIMATE DEPTH 246'

ELEVATION \_\_\_\_\_

DIP -45°

PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
64 - 165.1	continued						
	64.0-64.7 upper contact 1% disseminated sulphides	03889	0.7	nil			
	64.7-65.2 1.5" quartz vein	03890	0.5	nil			
	96.0-101.3 representative sample white	03891	5.3	nil			
	126.0-131.0 representative, weak pink hue	03892	5.0	nil			
Alteration zone	157.6-159.5 strong pink hue upper alteration zone, no apparent sulphides	03893	1.9	nil			
	159.5-162.4 Breccia, pink-orange colouration 85% granite in a carbonate and orange pink matrix 15%, no apparent sulphides, 1-2% chlorite	03894	2.9	nil			
	162.4-164.5 strong pink colouration to granite	03895	2.1	nil			
	164.5-165.1 pink colouration, lower contact 1/2" carbonate vein, no apparent sulphides	03896	0.6	nil			
165.1 - 246	Porphyritic diorite, (diabase dyke), dark grey with (not magnetic) white lathes from 0.5mm to 3cm., laths of plag massive, infrequent fracture contain chlorite, <1% disseminated sulphides upper contact sharp at 55° to core axis.						
	165.1-166.0 weakly chloritized, 1/4" carbonate stringer	03897	0.9	nil			
	166.0-171.0 very weakly chloritized, occasion fracture	03898	5.0	nil			

DRILLED BY .....

SIGNED .....



APPENDIX III  
ASSAY RESULTS





LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51011

ÉCHANTILLONS Rock 35 samples, Core 25 samples  
SAMPLES

VAL D'OR, QUÉ., August 22 1988

RECU DE  
RECEIVED FROM

ANALYSES  
ASSAYS 60 Au, 1 Ag, 1 Zn, 1 Ni

<u>Sample No.</u> Rock	<u>Au oz/ton</u>	<u>Sample No.</u> Core	<u>Au oz/ton</u>
3001	Trace	3101	Trace
3002	Trace	3102	Trace
3003	Trace		
3004	Trace	3105	Trace
3005	Trace	3106	Trace
3006	Trace	3107	Trace
3007	Trace	3108	Trace
3008	Trace		
3009	Trace	3121	Trace
3010*	Trace	3122	Trace
3011	Trace	3123	Trace
3012	Trace	3124	Trace
3013	Trace	3125	Trace
3014	Trace	3126	Trace
3015	Trace	3127	Trace
3016	Trace	3128	Trace
3017	Trace	3129	Trace
3018	Trace	3130	Trace
3019	Trace	3131	Trace
3020	Trace	3132	Trace
3021	Trace	3133	Trace
3022	Trace	3134*	Trace
3023	Trace	3135	Trace
3024	Trace	3136	Trace
3025	Trace	3137	Trace
3026	Trace	3138	Trace
3027	Trace	3139	Trace
3028	Trace		
3029	Trace		
3030	Trace		
3031	Trace		
3032	Trace		
3033	Trace		
3034	Trace		
3035	Trace		

\* Sample No.

3010 Zn = 0.006%  
Ni = 0.006%

3134 Ag = N.D.

N.D. = less than 0.02 oz/ton

ANALYSTE / ASSAYER

*[Handwritten signature]*



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51039

ECHANTILLONS Core & Rock  
SAMPLES

VAL D'OR, QUÉ., August 25 1988

RECU DE  
RECEIVED FROM

ANALYSES  
ASSAYS 27 Au, 1 Pt, 1 Pd

<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>
Core:		Rock:	
3103	Nil	3036	Nil
3104	Nil	3037	Nil
		3038	Nil
3109	Nil	3039	Nil
3110	Nil	3040	Nil
3111	Nil	3041	Nil
3112	Nil	3042	Nil
3113	Nil	3043	Nil
3114	Nil	3044	Nil
3115	Nil	3045	Nil
3116	Nil	3046	Nil
3117	Nil	3047	Nil
3118	Nil	3048	Nil
3119	NIL		
3120*	Trace		

\* Sample No. 3120 assayed for Pt oz/ton Pd oz/ton  
N.D. N.D.

where N.D. means less than 0.002 oz/ton.

*Richard D. McNamee*  
ANALYSTE ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

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Koala Project

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51149

ECHANTILLONS Core + 1 Sludge  
SAMPLES

VAL D'OR, QUÉ., September 8 19 88

RECU DE  
RECEIVED FROM

ANALYSES  
ASSAYS 80 Au, 8 Pt, 8 Pd, 7 Cu, 7 Ni

Sample No.	Au oz/ton	Sample No.	Au oz/ton	Sample No.	Au oz/ton
3140	N.D.	3167	N.D.	3194	N.D.
3141	N.D.	3168	0.01	3195	N.D.
3142	N.D.	3169	N.D.	3196	N.D.
3143	N.D.	3170	N.D.	3197	N.D.
3144	N.D.	3171	N.D.	3198	N.D.
3145	N.D.	3172	0.01	3199	N.D.
3146	N.D.	3173	N.D.	3200	N.D.
3147	0.01	3174	0.01	3201	N.D.
3148	N.D.	3175	N.D.	3202	N.D.
3149	N.D.	3176	N.D.	3203	N.D.
3150	N.D.	3177	N.D.	3204*	N.D.
3151	N.D.	3178	N.D.	3205	N.D.
3152	N.D.	3179	N.D.	3206	N.D.
3153	N.D.	3180	N.D.	3207	N.D.
3154	N.D.	3181	N.D.	3208	N.D.
3155	N.D.	3182	N.D.	3209	N.D.
3156	N.D.	3183	N.D.	3210	N.D.
3157	N.D.	3184	N.D.	3211	N.D.
3158	N.D.	3185	N.D.	3212	N.D.
3159	N.D.	3186	N.D.	3213	N.D.
3160	N.D.	3187	N.D.	3214	N.D.
3161	N.D.	3188	N.D.	3215	N.D.
3162	N.D.	3189	N.D.	3216	N.D.
3163	N.D.	3190	N.D.	3217	N.D.
3164	N.D.	3191	N.D.	3218	N.D.
3165	N.D.	3192	N.D.	3219	N.D.
3166	0.01	3193	N.D.		* Sludge

Sample No.	Pt oz/ton	Pd oz/ton	Cu %	Ni %
3195	N.D.	N.D.	0.008	0.005
3196	N.D.	N.D.	0.006	0.007
3197	N.D.	N.D.	0.004	0.005
3198	N.D.	N.D.	0.005	0.010
3199	N.D.	N.D.	0.009	0.021
3200	N.D.	N.D.	0.004	0.007
3201	N.D.	N.D.	0.013	0.012
3206	N.D.	N.D.		

*[Handwritten signature]*

For Au, Pt & Pd: N.D. means less than 0.002 oz/ton. ANALYSTE / ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

ÉCHANTILLONS Core  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51184

VAL D'OR, QUÉ., September 12 19... 88

ANALYSES  
ASSAYS 85 Au

<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>
3220	0.02	3247	Nil	3274	Nil
3221	Nil	3248	Nil	3275	Nil
3222	Nil	3249	Nil	3276	Nil
3223	Nil	3250	Nil	3277	Nil
3224	Nil	3251	Trace	3278	Nil
3225	Nil	3252	0.11	3279	Nil
3226	Nil	3253	0.01	3280	Trace
3227	Nil	3254	Trace	3281	Nil
3228	Nil	3255	Trace	3282	Nil
3229	Nil	3256	Nil	3283	Nil
3230	Nil	3257	Nil	3284	Nil
3231	Nil	3258	Nil	3285	Nil
3232	Nil	3259	Nil	3286	Nil
3233	Nil	3260	Nil	3287	Nil
3234	Nil	3261	Nil	3288	Nil
3235	Nil	3262	Nil	3289	Nil
3236	Nil	3263	Nil	3290	Nil
3237	Nil	3264	Trace	3291	Nil
3238	Nil	3265	Trace	3292	Nil
3239	Nil	3266	Nil	3293	Nil
3240	Nil	3267	Nil	3294	Nil
3241	Nil	3268	Nil	3295	Nil
3242	Nil	3269	Nil	3296	Nil
3243	Nil	3270	Nil	3297	Nil
3244	Nil	3271	Nil	3298	Nil
3245	Nil	3272	Nil	3299	Nil
3246	Nil	3273	Nil	3300	Nil
				3301	Nil
				3302	Nil
				3303	Nil
				3304	Nil

*Alcemia*

ANALYSTE / ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

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Koala Project

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51226

ÉCHANTILLONS  
SAMPLES Rock

VAL D'OR, QUÉ., September 16 19 88

RECU DE  
RECEIVED FROM

ANALYSES  
ASSAYS 57 Au

Sample No.	Au oz/ton	Sample No.	Au oz/ton	Sample No.	Au oz/ton
3049	Nil	3069	Nil	3089	Nil
3050	Nil	3070	Nil	3090	Nil
3051	Nil	3071	Nil	3091	Nil
3052	Nil	3072	Nil	3092	Nil
3053	Nil	3073	Nil	3093	Nil
3054	Nil	3074	Nil		
3055	Nil	3075	Nil	3951	Nil
3056	Nil	3076	Nil	3952	Nil
3057	Nil	3077	Nil	3953	Nil
3058	Nil	3078	Nil	3954	Nil
3059	Nil	3079	Nil	3955	Nil
3060	Nil	3080	Nil	3956	Nil
3061	Nil	3081	Nil	3957	Nil
3062	Nil	3082	Nil	3958	Nil
3063	Nil	3083	Nil		
3064	Nil	3084	Nil	3401	Nil
3065	Nil	3085	Nil	3402	Nil
3066	Nil	3086	Nil	3403	Nil
3067	Nil	3087	Nil	3404	Nil
3068	Nil	3088	Nil		

*[Signature]*

ANALYSTE / ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

ÉCHANTILLONS Rock  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51259

pg 1

VAL D'OR, QUÉ., September 21 19. 88

ANALYSES  
ASSAYS 108 Au

Sample No.	Au oz/ton	Sample No.	Au oz/ton	Sample No.	Au oz/ton
3094	0.04	3373	Nil	3413	Nil
3095	Nil	3374	Nil	3414	Nil
3096	Nil	3375	Nil	3415	Nil
3097	Nil	3376	Nil	3416	Nil
3098	Nil	3377	Nil	3417	Nil
3099	Nil	3378	Nil	3418	Nil
3100	Nil	3379	Nil	3419	Nil
		3380	Nil	3420	Nil
3351	Nil	3381	Nil	3421	Nil
3352	Nil	3382	Nil	3422	Nil
3353	Nil	3383	Nil		
3354	Nil	3384	Nil	3959	Nil
3355	Nil	3385	Nil	3960	Nil
3356	Nil	3386	Nil	3961	Nil
3357	Trace	3387	Nil	3962	Nil
3358	Nil	3388	Nil	3963	Nil
3359	Nil	3389	Nil	3964	Nil
3360	Nil	3390	Nil	3965	Nil
3361	Nil	3391	Nil	3966	Nil
3362	Nil			3967	Nil
3363	Nil	3393	Nil	3968	Nil
3364	Trace			3969	Nil
3365	Nil	3405	Nil	3970	Nil
3366	Nil	3406	Nil	3971	Nil
3367	Nil	3407	Nil	3972	Nil
3368	Nil	3408	Nil	3973	Nil
3369	Nil	3409	Nil	3974	Nil
3370	Nil	3410	Nil	3975	Nil
3371	Nil	3411	Nil	3976	Nil
3372	Trace	3412	Nil	3977	Trace

.../2

*Alexander*  
ANALYSTE / ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE L.T.E.E.  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

ÉCHANTILLONS Rock  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51259

pg 2

VAL D'OR, QUÉ., September 21 19 88

ANALYSES  
ASSAYS 108 Au

Sample No.    Au oz/ton

3978	Nil
3979	Nil
3980	Nil
3981	Nil
3982	Nil
3983	Nil
3984	Nil
3985	Nil
3986	Nil
3987	Nil
3988	Nil
3989	Nil
3990	Nil
3991	Nil
3992	Nil
3993	Nil
3994	Nil
3995	Nil
3996	Nil
3997	Nil
3998	Nil
3999	Nil

*[Signature]*

ANALYSTE / ASSAYER



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

Koala Project

No 51285

pg. 1.

ECHANTILLONS Core  
SAMPLES

VAL D'OR, QUÉ., September 26 19. 88

RECU DE  
RECEIVED FROM

ANALYSES 148 Au  
ASSAYS

Sample No.	Au oz/ton	Sample No.	Au oz/ton	Sample No.	Au oz/ton
3701	Nil	3731	Nil	3761	Nil
3702	Nil	3732	Nil	3762	Nil
3703	Nil	3733	Nil	3763	Nil
3704	Nil	3734	Nil	3764	Nil
3705	Nil	3735	Nil	3765	Nil
3706	Nil	3736	Nil	3766	Nil
3707	Nil	3737	Nil	3767	Nil
3708	Nil	3738	Nil	3768	Nil
3709	Nil	3739	Nil	3769	Nil
3710	Nil	3740	Nil	3770	Nil
3711	Nil	3741	Nil	3771	Nil
3712	Nil	3742	Nil	3772	Nil
3713	Trace	3743	Nil	3773	Nil
3714	Nil	3744	Nil	3774	Nil
3715	Trace	3745	Nil	3775	Nil
3716	Nil	3746	Nil	3776	Nil
3717	Nil	3747	Nil	3777	Trace
3718	Nil	3748	Nil	3778	Trace
3719	Nil	3749	Nil	3779	Nil
3720	Nil	3750	Nil	3780	Nil
3721	Nil	3751	Nil	3781	Nil
3722	Nil	3752	Nil	3782	Nil
3723	Nil	3753	Nil	3783	Nil
3724	Nil	3754	Nil	3784	Nil
3725	Trace	3755	Nil	3785	Nil
3726	Nil	3756	Nil	3786	Nil
3727	Nil	3757	Nil	3787	Nil
3728	Nil	3758	Nil	3788	Nil
3729	Nil	3759	Nil	3789	Nil
3730	Nil	3760	Nil	3790	Nil

.../2

*[Signature]*  
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BOURLAMAQUE ASSAY LABORATORIES LTD.

H. FERDERBER GEOPHYSICS LTD.

Koala Project

ÉCHANTILLONS Core  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51285

pg. 2

VAL D'OR, QUÉ., September 26 19 88

ANALYSES  
ASSAYS 148 Au

Sample No.	Au oz/ton	Sample No.	Au oz/ton
3791	Nil	3822	Nil
3792	Nil	3823	Nil
3793	Nil	3824	Nil
3794	Nil	3825	Nil
3795	Nil	3826	Nil
3796	0.09	3827	Nil
3797	Trace	3828	Nil
3798	Nil	3829	Nil
		3830	Nil
3801	Nil	3831	Nil
3802	Nil	3832	Nil
3803	Nil	3833	Nil
3804	Nil	3834	Nil
3805	Nil	3835	Nil
3806	Nil	3836	Nil
3807	Trace	3837	Nil
3808	Nil	3838	Nil
3809	Nil	3839	0.01
3810	Nil	3840	Nil
3811	Nil	3841	Nil
3812	Trace	3842	Trace
3813	Nil	3843	Nil
3814	Nil	3844	Trace
3815	Nil	3845	Nil
3816	Nil	3846	Trace
3817	Nil	3847	Nil
3818	Nil	3848	Nil
3819	Trace	3849	Nil
3820	Nil	3850	Nil
3821	Nil		

*André Dufour*  
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Koala Project

ÉCHANTILLONS Rock & Core  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51303

pg 1

VAL D'OR, QUÉ., September 28 1988

ANALYSES 148 Au  
ASSAYS

<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>
Rock:					
3392	Nil	3903	Nil	3557	Nil
		3904	Nil	3558	0.01
3394	Nil	3905	Nil	3559	Trace
3395	Nil	3906	Nil	3560	Nil
3396	Nil	Core:		3561	Nil
3397	Nil	3501	Trace	3562	Trace
3398	Nil	3502	Nil	3563	Nil
3399	Nil	3503	Nil	3564	Nil
3400	Nil	3504	Nil	3565	Nil
		3505	Nil	3566	Nil
3423	Nil	3506	Nil	3567	Nil
3424	Nil	3507	Nil	3568	Trace
3425	Nil	3508	Nil	3569	Nil
3426	Nil	3509	Nil	3570	Nil
3427	Nil	3510	Nil	3571	Nil
3428	Nil	3511	Nil	3572	Nil
3429	Nil	3512	Nil	3573	Nil
		3513	Nil	3574	Nil
3451	Nil	3514	Nil	3575	Nil
3452	Nil	3515	Nil	3576	Nil
3453	Nil	3516	Nil	3577	Nil
3454	Nil	3517	Nil	3578	Nil
3455	Nil	3518	Nil	3579	Nil
3456	Nil			3580	Nil
3457	Nil	3551	Nil	3581	Nil
3458	Nil	3552	Nil	3582	Nil
3459	Nil	3553	Nil	3583	Nil
3460	Nil	3554	Nil	3584	Nil
		3555	Nil	3585	Nil
3902	Nil	3556	Nil	3586	Nil

.../2

*Stevenson*

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Koala Project

ECHANTILLONS Rock & Core  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51303

pg 2

VAL D'OR, QUÉ., September 28 19 88

ANALYSES  
ASSAYS 148 Au

<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>
3587	Nil	3617	Nil	3647	Trace
3588	Nil	3618	Nil	3648	Nil
3589	Nil	3619	Nil	3649	Nil
3590	Nil	3620	Nil	3650	Nil
3591	Nil	3621	Nil		
3592	Nil	3622	Nil		
3593	Nil	3623	Nil		
3594	Nil	3624	Nil		
3595	Nil	3625	Nil		
3596	Nil	3626	Nil		
3597	Nil	3627	Nil		
3598	Nil	3628	Nil		
3599	Nil	3629	Nil		
3600	Nil	3630	Nil		
3601	Nil	3631	Nil		
3602	Nil	3632	Nil		
3603	Nil	3633	Nil		
3604	Nil	3634	Nil		
3605	Nil	3635	Nil		
3606	Nil	3636	Nil		
3607	Nil	3637	Nil		
3608	Nil	3638	Nil		
3609	Nil	3639	Nil		
3610	Nil	3640	Nil		
3611	Nil	3641	Nil		
3612	Nil	3642	Nil		
3613	Nil	3643	Nil		
3614	Nil	3644	Nil		
3615	Nil	3645	Nil		
3616	Nil	3646	Nil		

*Steinhardt*

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ÉCHANTILLONS Core + 1 Rock  
SAMPLES

RECU DE  
RECEIVED FROM

CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

No 51310

pg 1

VAL D'OR, QUÉ., September 30 1988

ANALYSES  
ASSAYS 133 Au

Sample No.	Au oz/ton	Sample No.	Au oz/ton	Sample No.	Au oz/ton
3519	Nil	3549	Nil	3678	Nil
3520	Nil	3550	Nil	3679	Nil
3521	Nil			3680	Nil
3522	Nil	3651	Nil	3681	Nil
3523	Nil	3652	Nil	3682	Nil
3524	Nil	3653	Nil	3683	Nil
3525	Nil	3654	Nil	3684	Nil
3526	Nil	3655	Nil	3685	Nil
3527	Nil	3656	Nil	3686	Nil
3528	Nil	3657	Nil	3687	Trace
3529	Nil	3658	Nil	3688	Nil
3530	Nil	3659	Nil	3689	Nil
3531	Nil	3660	Nil	3690	Nil
3532	Nil	3661	Nil	3691	Nil
3533	Nil	3662	Nil	3692	Nil
3534	Nil	3663	Nil	3693	Nil
3535	Nil	3664	Nil	3694	Nil
3536	Nil	3665	Nil	3695	Nil
3537	Nil	3666	Nil	3696	Nil
3538	Nil	3667	Nil	3697	Nil
3539	Nil	3668	Nil	3698	Trace
3540	Nil	3669	Nil	3699	Nil
3541	Nil	3670	Nil	3700	Nil
3542	Nil	3671	Nil		
3543	Nil	3672	Nil	3851	Nil
3544	Nil	3673	0.01	3852	Nil
3545	Nil	3674	Nil	3853	Nil
3546	Nil	3675	Nil	3854	Nil
3547	Nil	3676	Nil	3855	Nil
3548	Nil	3677	Nil	3856	Nil

.../2

*R. D. M. ...*  
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CERTIFICAT D'ANALYSES  
CERTIFICATE OF ANALYSIS

Koala Project

No 51310

pg 2

ÉCHANTILLONS Core + 1 Rock  
SAMPLES

VAL D'OR, QUÉ., September 30 19 88.

RECU DE  
RECEIVED FROM

ANALYSES  
ASSAYS 133 Au

<u>Sample No.</u>	<u>Au oz/ton</u>	<u>Sample No.</u>	<u>Au oz/ton</u>
3857	Nil	3887	Nil
3858	Nil	3888	Nil
3859	Nil	3889	Nil
3860	Nil	3890	Nil
3861	Nil	3891	Nil
3862	Nil	3892	Nil
3863	Nil	3893	Nil
3864	Nil	3894	Nil
3865	Nil	3895	Nil
3866	Nil	3896	Nil
3867	Nil	3897	Nil
3868	Nil	3898	Nil
3869	Nil	3899	Nil
3870	Nil	3900	Nil
3871	Nil		
3872	Nil	Rock:	
3873	Nil		
3874	Nil	3461	Nil
3875	Nil		
3876	Nil		
3877	Nil		
3878	Nil		
3879	Nil		
3880	Nil		
3881	Nil		
3882	Nil		
3883	Nil		
3884	Nil		
3885	Nil		
3886	Nil		

*R. J. D. M. G. B.*

ANALYSTE / ASSAYER

**APPENDIX IV  
GEOCHEMICAL ANALYSES**

Bondar-Clegg & Company Ltd.  
5420 Canotek Road  
Ottawa, Ontario  
K1J 8X5  
(613) 742-1111 Telex 053-3233



Geochemical  
Lab Report

REPORT: 088-52422.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 26-AUG-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	300	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	Testwt Fire Assay Test Mt.	29	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	300	-80	300	Dry,Sieve -80	300

REMARKS: ALL SAMPLES IN LINE L68W WERE RECEIVED EXTRA.

REPORT COPIES TO: H. FERDERBER GEOPHYSICS

INVOICE TO: H. FERDERBER GEOPHYSICS

Bondar-Clegg & Company Ltd.  
 5420 Capetank Road  
 Ottawa, Ontario  
 K1J 8X5  
 (613) 749-2220 Telex 053-3233



Geochemical  
 Lab Report

REPORT: 088-52422.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L96W-57N		<5		L96W-15N		<5	
L96W-56N		<5		L96W-14N		<5	
L96W-55N		<5		L96W-12N		<5	
L96W-54N		<5		L96W-9N		<5	
L96W-53N		<5		L96W-8L0		<5	
L96W-52N		<5		L88W-58+24N		<5	
L96W-51N		<5		L88W-57N		<5	
L96W-50N		<5		L88W-56N		<5	
L96W-48N		<5		L88W-55N		<5	
L96W-47N		<5		L88W-54N		<5	
L96W-46N		<5		L88W-52N		<5	
L96W-45N		<5		L88W-51N		<5	
L96W-44N		<5		L88W-50N		<5	
L96W-43N		<5		L88W-49N		<7	7.00 -
L96W-42N		<5		L88W-48N		<6	9.00 -
L96W-41N		<5		L88W-45N		<5	
L96W-39N		<5		L88W-44N		<5	
L96W-38N		<5		L88W-43N		<5	
L96W-37N		<5		L88W-42N		<5	
L96W-36N		<5		L88W-41N		<5	
L96W-35N		<5		L88W-40N		<5	
L96W-34N		<5		L88W-39N		<5	
L96W-33N		<5		L88W-37N		<5	
L96W-32N		<5		L88W-35N		<5	
L96W-31N		<5		L88W-34N		<5	
L96W-30N		<5		L88W-33N		<5	
L96W-29N		<5		L88W-32N		<5	
L96W-28N		<5		L88W-30N		<5	
L96W-27N		<5		L88W-29N		<5	
L96W-26N		<5		L88W-28N		<5	
L96W-25N		<5		L88W-25N		<5	
L96W-24N		<5		L88W-24N		<5	
L96W-23N		<5		L88W-23N		<5	
L96W-22N		<5		L88W-22N		<5	
L96W-21N		<10	5.00	L88W-20N		7	-
L96W-20N		<5		L88W-19N		5	-
L96W-19N		<5		L88W-18N		<5	
L96W-18N		<5		L88W-17N		<5	
L96W-17N		<5		L88W-16N		<5	
L96W-16N		<5		L88W-15N		<5	



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Geochemical  
 Lab Report

REPORT: 088-52422.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L88W-14N		<5		L80W-20N		<5	
L88W-13N		<5		L80W-19N		<7	7.00
L88W-12N		<5		L80W-18N		<5	
L88W-11N		<5		L80W-17N		<6	8.00
L88W-9N		<5		L80W-16N		<5	
L88W-8N		<5		L80W-15N		<5	
L88W-6N		<5		L80W-13N		<5	
L88W-5N		<5		L80W-11N		<5	
L88W-4N		<5		L80W-9N		<6	8.00
L88W-3N		<5		L80W-8N		<5	
L88W-2N		<5		L80W-7N		<5	
L88W-1N		<5		L80W-6N		<5	
L80W-56N		<5		L80W-5N		<5	
L80W-55N		<5	8.00	L80W-4N		<5	
L80W-54N		<5	5.00	L80W-3N		<5	
L80W-53N		<5	9.00	L80W-2N		<5	
L80W-52N		<5	9.00	L80W-1N		<25	2.00
L80W-51N		<5		L80W-BL0		<5	
L80W-50N		<5		L76W-58N		<5	
L80W-49N		<5		L76W-57N		<6	8.00
L80W-47N		<5	7.00	L76W-56N		<5	
L80W-46N		<5		L76W-55N		<6	8.00
L80W-45N		<5		L76W-54N		<5	
L80W-44N		<5		L76W-52N		<5	
L80W-43N		<5		L76W-51N		<6	8.00
L80W-42N		<5		L76W-50N		<13	4.00
L80W-41N		<5		L76W-48N		<5	
L80W-40N		<5		L76W-47N		<5	
L80W-37N		<5	8.00	L76W-46N		<5	
L80W-36N		<5		L76W-45N		<5	
L80W-35N		<5		L76W-43N		<5	
L80W-34N		<7	7.00	L76W-42N		<5	
L80W-33N		<5		L76W-41N		<5	
L80W-32N		<5		L76W-40N		<5	
L80W-30N		<5		L76W-39N		<5	
L80W-29N		<5		L76W-38N		<5	
L80W-28N		<5		L76W-37N		<5	
L80W-23N		<5		L76W-36N		<5	
L80W-22N		<5		L76W-35N		<5	
L80W-21N		<5		L76W-34N		<5	

REPORT: 088-52422.0

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L76W-33N		<6	8.00	L72W-45N		<5	
L76W-32N		<5		L72W-44N		<5	
L76W-31N		<5		L72W-43N		<5	
L76W-30N		5		L72W-42N		<5	
L76W-29N		<5		L72W-41N		<5	
L76W-28N		6		L72W-40N		<5	
L76W-27N		<7	7.00	L72W-38N		<5	
L76W-26N		<5		L72W-36N		<5	
L76W-25N		<5		L72W-35N		<5	
L76W-24N		<8	6.00	L72W-34N		<5	
L76W-23N		<5		L72W-29N		<5	
L76W-22N		<5		L72W-28N		<5	
L76W-21N		<5		L72W-26N		<5	
L76W-20N		<5		L72W-25N		<5	
L76W-19N		<5		L72W-24N		<5	
L76W-18N		5		L72W-23N		<5	
L76W-17N		<5		L72W-22N		<5	
L76W-16N		<5		L72W-19N		<5	
L76W-15N		<5		L72W-18N		<5	
L76W-14N		<5		L72W-17N		<5	
L76W-13N		<5		L72W-15N		<5	
L76W-12N		<5		L72W-14N		<5	
L76W-11N		<5		L72W-12N		<5	
L76W-10N		<5		L72W-9N		<5	
L76W-09N		<5		L72W-8N		<5	
L76W-08N		<5		L72W-7N		<5	
L76W-07N		<5		L72W-6N		<5	
L76W-06N		<5		L72W-5N		<5	
L76W-05N		<5		L72W-4N		<5	
L76W-04N		<5		L72W-3N		<5	
L76W-03N		<5		L72W-1N		<5	
L76W-02N		<5		L72W-BL0		<5	
L76W-01N		<5		L68W-57+72N		<5	
L76W-BL0		<5		L68W-57N		<5	
L72W-56N		<5		L68W-56N		<5	
L72W-55N		<5		L68W-55N		<5	
L72W-54N		<5		L68W-54N		<5	
L72W-49N		<5		L68W-53N		<5	
L72W-48N		<5		L68W-52N		<5	
L72W-47N		<5		L68W-51N		<5	

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PROJECT: NONE

PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L68W-50N		<5		L68W-06N		<5	
L68W-49N		<5		L68W-05N		<5	
L68W-48N		<5		L68W-04N		<5	
L68W-47N		<8	6.00 -	L68W-03N		<5	
L68W-46N		<6	8.00 -	L68W-02N		<5	
L68W-45N		<5		L68W-01N		<5	
L68W-44N		<5		L68W-BL0		5	
L68W-43N		<5		L64W-57+97N		<5	
L68W-42N		<5		L64W-57N		<5	
L68W-41N		13	-	L64W-56N		<5	
L68W-40N		<5		L64W-55N		5	
L68W-39N		<5		L64W-54N		<5	
L68W-38N		<5		L64W-53N		<5	
L68W-37N		<5		L64W-52N		<5	
L68W-36N		<5		L64W-51N		<5	
L68W-35N		<6	8.00 -	L64W-50N		<5	
L68W-34N		<5		L64W-49N		<5	
L68W-33N		<5		L64W-48N		<5	
L68W-28N		<5		L64W-47N		<5	
L68W-27N		<5		L64W-46N		<6	8.00
L68W-26N		<5					
L68W-25N		<5					
L68W-24N		<5					
L68W-23N		<5					
L68W-22N		<5					
L68W-21N		<5					
L68W-20N		<5					
L68W-19N		<5					
L68W-18N		<5					
L68W-17N		<6	8.00 -				
L68W-16N		<10	5.00				
L68W-15N		<5					
L68W-14N		<5					
L68W-13N		<5					
L68W-12N		<6	8.00 -				
L68W-11N		<5	8.00				
L68W-10N		<5					
L68W-09N		<5					
L68W-08N		<5					
L68W-07N		<5					

Bondar-Clegg & Company Ltd.  
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K1J 8X5  
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# Geochemical Lab Report

REPORT: 088-52423.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 29-AUG-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	240	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	240	-80	240	Dry, Sieve -80	240

REPORT COPIES TO: H. FERDERBER GEOPHYSICS  
FAX TO MR. FERDERBER

INVOICE TO: H. FERDERBER GEOPHYSICS



REPORT: 088-52423.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L64W-45N		<5	L64W-BLO		<5
L64W-44N		<5	L60W-56+54N		<5
L64W-43N		<5	L60W-55N		<5
L64W-42N		<5	L60W-54N		<5
L64W-41N		<5	L60W-53N		<5
L64W-40N		<5	L60W-51N		6
L64W-39N		<5	L60W-50N		<5
L64W-38N		<5	L60W-49N		<5
L64W-37N		<5	L60W-48N		<5
L64W-36N		<5	L60W-47N		6
L64W-35N		<5	L60W-46N		6
L64W-34N		<5	L60W-45N		5
L64W-28N		<5	L60W-42N		<5
L64W-27N		<5	L60W-41N		<5
L64W-26N		<5	L60W-39N		<5
L64W-25N		<5	L60W-37N		<5
L64W-24N		<5	L60W-36N		<5
L64W-23N		<5	L60W-35N		<5
L64W-22N		<6	L60W-34N		<5
L64W-21N		<5	L60W-33N		<5
L64W-20N		<5	L60W-32N		<5
L64W-19N		<5	L60W-31N		<5
L64W-18N		<5	L60W-28N		<5
L64W-17N		<5	L60W-27N		6
L64W-16N		<5	L60W-26N		<5
L64W-15N		<5	L60W-25N		<5
L64W-14N		<5	L60W-24N		<5
L64W-13N		<5	L60W-23N		<5
L64W-12N		<5	L60W-22N		<5
L64W-11N		<5	L60W-21N		<5
L64W-10N		<5	L60W-20N		<5
L64W-09N		<5	L60W-19N		<5
L64W-08N		<5	L60W-18N		<5
L64W-07N		<5	L60W-17N		<5
L64W-06N		<5	L60W-16N		<5
L64W-05N		<5	L60W-15N		<5
L64W-04N		<5	L60W-14N		<5
L64W-03N		<5	L60W-13N		7
L64W-02N		<5	L60W-12N		7
L64W-01N		<5	L60W-11N		<5

Bondar-Clegg & Company Ltd.  
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REPORT: 088-52423.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L60W-10N		<5	L56W-27N		<5
L60W-09N		<5	L56W-26N		<5
L60W-08N		<5	L56W-25N		<5
L60W-07N		<5	L56W-24N		<5
L60W-06N		<5	L56W-23N		<5
L60W-05N		<5	L56W-22N		<5
L60W-04N		<5	L56W-21N		<20
L60W-03N		<5	L56W-20N		<5
L60W-02N		<5	L56W-17N		<5
L60W-01N		<5	L56W-16N		<5
L60W-8L0		<5	L56W-15N		<5
L56W-57N		<5	L56W-14N		<5
L56W-56N		<5	L56W-13N		<5
L56W-55N		<5	L56W-12N		<5
L56W-54N		<5	L56W-11N		<5
L56W-52N		<5	L56W-10N		<5
L56W-51N		<5	L56W-09N		5
L56W-50N		<5	L56W-08N		<5
L56W-49N		<5	L56W-07N		<5
L56W-48N		<5	L56W-06N		6
L56W-47N		<5	L56W-05N		5
L56W-46N		5	L56W-04N		6
L56W-45N		<5	L56W-03N		<5
L56W-44N		<5	L56W-02N		12
L56W-43N		<5	L56W-01N		13
L56W-42N		<5	L56W-8L0		<5
L56W-41N		<5	L52W-56+65N		5
L56W-40N		<5	L52W-56N		<5
L56W-39N		<5	L52W-55N		5
L56W-38N		10	L52W-54N		<5
L56W-37N		<5	L52W-53N		<5
L56W-36N		<5	L52W-52N		<5
L56W-35N		<5	L52W-51N		6
L56W-34N		<5	L52W-50N		<5
L56W-33N		<5	L52W-49N		<5
L56W-32N		<5	L52W-46N		<5
L56W-31N		<5	L52W-45N		<5
L56W-30N		<5	L52W-44N		<5
L56W-29N		5	L52W-43N		<5
L56W-28N		<5	L52W-42N		<5

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PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L52W-41N		<5	L48W-38N		<5
L52W-40N		<5	L48W-37N		<5
L52W-39N		<5	L48W-36N		<6
L52W-38N		<5	L48W-35N		<5
L52W-37N		<5	L48W-34N		<5
L52W-36N		<5	L48W-33N		<5
L52W-33N		<5	L48W-32N		<5
L52W-32N		<5	L48W-31N		<5
L52W-31N		<5	L48W-30N		<5
L52W-28N		<5	L48W-29N		<5
L52W-27N		<5	L48W-28N		7
L52W-17N		<5	L48W-27N		<5
L52W-16N		<5	L48W-26N		<5
L52W-15N		<5	L48W-25N		<5
L52W-14N		<5	L48W-24N		<5
L52W-13N		<5	L48W-23N		<5
L52W-12N		<5	L48W-22N		<5
L52W-11N		<5	L48W-21N		7
L52W-10N		<5	L48W-20N		<5
L52W-09N		<5	L48W-19N		<5
L52W-08N		<5	L48W-18N		8
L52W-07N		<5	L48W-17N		<5
L52W-06N		<5	L48W-16N		<5
L52W-05N		<5	L48W-15N		<5
L52W-04N		<5	L48W-14N		<5
L52W-03N		<5	L48W-13N		<5
L52W-02N		<5	L48W-12N		<5
L48W-56N		<5	L48W-11N		<17
L48W-55N		<5	L48W-10N		<5
L48W-54N		<5	L48W-09N		<5
L48W-53N		<5	L48W-08N		<13
L48W-52N		<5	L48W-07N		<25
L48W-51N		<5	L48W-06N		<29
L48W-45N		<5	L48W-05N		<17
L48W-44N		<5	L48W-3N		<17
L48W-43N		<5	L48W-2N		<5
L48W-42N		<5	L48W-1N		<5
L48W-41N		<5	L48W-BLO		<5
L48W-40N		<5	L44W-56N		<5
L48W-39N		17	L44W-55N		<5

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# Geochemical Lab Report

REPORT: 088-52424.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 30-AUG-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	150	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	150	-80	150	Dry,Sieve -80	150

REMARKS: SAMPLE L44W-20+50N WAS NOT RECEIVED.  
SAMPLES L44W-26+50N, 26N TO 20N WERE RECEIVED  
EXTRA.

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REPORT: 088-52424.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L44W-54N		<5	L44W-12N		9
L44W-53N		6 -	L44W-11N		11
L44W-52N		<5	L44W-10N		11
L44W-51N		6 -	L44W-09N		83
L44W-50N		12 -	L44W-08N		<5
L44W-49N		6 -	L44W-07N		<5
L44W-48N		<5	L44W-06N		<5
L44W-47N		13 -	L44W-05N		<5
L44W-46N		9 -	L44W-04N		<5
L44W-45N		8 -	L44W-03N		<5
L44W-42N		<5	L44W-02N		<5
L44W-41N		<5	L44W-01N		5
L44W-40N		<5	L44W-8L0		8
L44W-39N		15 -	L40W-55+25N		<5
L44W-38N		10 -	L40W-55N		<5
L44W-37N		11 -	L40W-54N		40
L44W-36N		7 -	L40W-53N		<5
L44W-35N		5 -	L40W-52N		5 -
L44W-34N		15 -	L40W-51N		5 -
L44W-33N		8 -	L40W-50N		<5
L44W-32N		6 -	L40W-49N		<5
L44W-31N		8 -	L40W-48N		23
L44W-30N		9 -	L40W-47N		<5
L44W-29N		89 -	L40W-46N		<5
L44W-28N		14 -	L40W-45N		<5
L44W-27N		<5	L40W-44N		<5
L44W-26+50N		11 -	L40W-43N		<5
L44W-26N		32 -	L40W-42N		<5
L44W-25N		14 -	L40W-41N		<5
L44W-24N		7 -	L40W-40N		<5
L44W-23N		13 -	L40W-39N		6 -
L44W-22N		7 -	L40W-38N		<5
L44W-21N		9 -	L40W-37N		<5
L44W-20N		10	L40W-36N		7 -
L44W-19N		10	L40W-32N		9 -
L44W-18N		6 -	L40W-31N		<5
L44W-17N		14 -	L40W-30N		<5
L44W-16N		6 -	L40W-29N		6 -
L44W-15N		13	L40W-28N		<5
L44W-14N		12	L40W-27N		6 -

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Geochemical  
 Lab Report

REPORT: 088-52424.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L40W-26N		<5	L36W-34N		<5
L40W-25N		<5	L36W-33N		5
L40W-24N		<5	L36W-32N		<5
L40W-23N		<5	L36W-31N		<5
L40W-22N		<5	L36W-30N		<5
L40W-21N		<5	L36W-29N		<5
L40W-20N		<5	L36W-28N		<5
L40W-19N		<5	L36W-19N		<5
L40W-18N		<5	L36W-17N		<5
L40W-17N		<5	L36W-16N		<5
L40W-16N		<5	L36W-15N		<5
L40W-15N		<5	L36W-14N		<5
L40W-13N		5	L36W-3+50N		<5
L40W-9N		8	L36W-3N		5
L40W-8N		<5	L36W-2N		5
L40W-7N		<5	L36W-1N		<5
L40W-3+45N		7	L36W-BLO		12
L40W-3N		<5	L32W-54+80N		<5
L40W-2N		<5	L32W-54N		8
L40W-1N		8	L32W-53N		22
L40W-BLO		<5	L32W-52N		<5
L36W-55N		<5	L32W-51N		<5
L36W-53N		<5	L32W-50N		<5
L36W-52N		<5	L32W-49N		<5
L36W-51N		<5	L32W-48N		<5
L36W-50N		<5	L32W-47N		<5
L36W-49N		<5	L32W-46N		5
L36W-48N		<5	L32W-45N		<5
L36W-47N		<5	L32W-44N		<5
L36W-45N		<5	L32W-43N		6
L36W-44N		5			
L36W-43N		<5			
L36W-42N		6			
L36W-41N		6			
L36W-40N		<5			
L36W-39N		<5			
L36W-38N		<5			
L36W-37N		5			
L36W-36N		8			
L36W-35N		<5			

Bondar-Clegg & Company Ltd.  
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# Geochemical Lab Report

REPORT: 088-52426.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 30-AUG-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	202	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	202	-80	202	Dry, Sieve -80	202

REPORT COPIES TO: H. FERDERBER GEOPHYSICS  
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INVOICE TO: H. FERDERBER GEOPHYSICS

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Geochemical  
 Lab Report

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PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L20W-38N		<5	L20W-BL0		<5
L20W-37N		<5	L16W-53+87N		<5
L20W-36N		<5	L16W-53N		<5
L20W-35N		<5	L16W-52N		<5
L20W-34N		<5	L16W-46N		<5
L20W-33N		<5	L16W-45N		<5
L20W-32N		6	L16W-44N		<5
L20W-31N		<5	L16W-43N		<5
L20W-30N		<5	L16W-42N		<5
L20W-29N		<5	L16W-41N		<5
L20W-28N		<5	L16W-40N		<5
L20W-27N		<5	L16W-35N		<5
L20W-26N-27N		<5	L16W-34N		<5
L20W-26N		<5	L16W-33N		<5
L20W-25N		<5	L16W-32N		<5
L20W-24N		<6	L16W-31N		<5
L20W-23N		<5	L16W-30N		<5
L20W-22N		<5	L16W-29N		<5
L20W-21N		<5	L16W-28N		<5
L20W-20N		<5	L16W-27N		<5
L20W-19N		<5	L16W-26N		<5
L20W-19N(B)		<5	L16W-25N		<5
L20W-18N		5	L16W-24N		<5
L20W-17N		<6	L16W-21N		<5
L20W-16N		<5	L16W-20N		<5
L20W-15N		<5	L16W-19N		<5
L20W-14N		<5	L16W-16N		<5
L20W-13N		<5	L16W-15N		<5
L20W-12N		<5	L16W-13N		<5
L20W-11N		5	L16W-12N		<5
L20W-10N		<5	L16W-10N		5
L20W-09N		<5	L16W-09N		<5
L20W-08N		<5	L16W-7N		<5
L20W-07N		<5	L16W-6N		<5
L20W-06N		<5	L16W-5N		<5
L20W-05N		<5	L16W-4N		7
L20W-04N		<5	L16W-3N		<5
L20W-03N		<5	L16W-2N		<5
L20W-02N		<5	L16W-1N		<5
L20W-01N		<5	L16W-BL0		<5

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Geochemical  
 Lab Report

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PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L12W-53N		<5	L12W-11N		<5
L12W-52N		<5	L12W-10N		5 -
L12W-51N		<5	L12W-09N		<5
L12W-50N		<5	L12W-08N		<5
L12W-47N		<5	L12W-07N		<6 -
L12W-46N		<5	L12W-06N		<5
L12W-45N		<5	L12W-5N(A)		<5
L12W-44N		<5	L12W-5N(B)		<6 -
L12W-43N		<5	L12W-4N		<5
L12W-42N		<5	L12W-3N		<5
L12W-41N		<5	L12W-2N		<5
L12W-40N		<5	L12W-1N		<5
L12W-39N		<5	L12W-BL0		<5
L12W-38N		<5	L8W-45N		<6 -
L12W-37N		<5	L8W-42N		<5
L12W-36N		<5	L8W-36N		<5
L12W-35N		<5	L8W-33N		<5
L12W-34N		<5	L8W-29N		<5
L12W-33N		<5	L8W-23N		<8 -
L12W-32N		<5	L8W-22N		<5
L12W-31N		<5	L8W-21N		<5
L12W-30N		<5	L8W-20N		<5
L12W-29N		<5	L8W-18N		<5
L12W-28N		<5	L8W-17N		<5
L12W-27N		<5	L8W-16N		<5
L12W-26N		<5	L8W-15N		<5
L12W-25N		<5	L8W-14N		<5
L12W-24N		<7 -	L8W-13N		<5
L12W-23N		<5	L8W-12N		<5
L12W-22N		<5	L8W-11N		<8 -
L12W-21N		<5	L8W-9N		<5
L12W-20N		9 -	L8W-8N		<6 -
L12W-19N		<5	L8W-7N		47 -
L12W-18N		<6	L8W-6N		<7 -
L12W-17N		<5	L8W-5N		<6 -
L12W-16N		<5	L8W-4N		<5
L12W-15N		5 -	L8W-3N		<5
L12W-14N		<5	L8W-2N		<6 -
L12W-13N		<5	L8W-1N		<5
L12W-12N		5 -	L8W-BL0		<5

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Geochemical  
 Lab Report

REPORT: 088-52426.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
LO+00-53N		<7 -	LO+00-07N		<5
LO+00-52N		<5	LO+00-06N		<5
LO+00-51N		<5			
LO+00-50N		<13 -			
LO+00-49N		<7 -			
LO+00-48N		<5			
LO+00-47N		<5			
LO+00-46N		<5			
LO+00-45N		<5			
LO+00-44N		<5			
LO+00-43N		<5			
LO+00-42N		<5			
LO+00-41N		<5			
LO+00-40N		<5			
LO+00-39N		<8 ✓			
LO+00-35N		<5			
LO+00-34N		<5			
LO+00-31N		<10 -			
LO+00-28N-1E		<8 -			
LO+00-28NE		<5			
LO+00-27N		<5			
LO+00-26N		<5			
LO+00-25N		<5			
LO+00-24N		<5			
LO+00-23N		<5			
LO+00-22N		<5			
LO+00-21N		<5			
LO+00-20N		<5			
LO+00-19N		<5			
LO+00-18N		<5			
LO+00-17N		5			
LO+00-16N		<5			
LO+00-15N		<5			
LO+00-14N		<5			
LO+00-13N		<8 -			
LO+00-12N		<5			
LO+00-11N		<5			
LO+00-10N		<5			
LO+00-09N		<5			
LO+00-08N		<5			

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**Geochemical  
 Lab Report**

REPORT: 088-52425.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
 PROJECT: NONE

SUBMITTED BY: ERIC  
 DATE PRINTED: 30-AUG-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	150	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	Testwt Fire Assay Test Wt.	9	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	150	-80	150	Dry,Sieve -80	150

REMARKS: < MEANS LESS THAN

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INVOICE TO: H. FERDERBER GEOPHYSICS

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Geochemical  
 Lab Report

REPORT: 088-52425.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L32W-42N		<5		L28W-47N		<5	
L32W-41N		<5		L28W-45N		<5	
L32W-40N		<5		L28W-43N		<5	
L32W-39N		<5		L28W-42N		<5	
L32W-38N		<5		L28W-41N		<5	
L32W-37N		<5		L28W-40N		<5	
L32W-35N		<5		L28W-39N		<5	
L32W-31N		<5		L28W-38N		<5	
L32W-29N		<5		L28W-37N		<5	
L32W-28N		<5		L28W-36N		<5	
L32W-26N		<5		L28W-35N		<5	
L32W-25+09N		<5		L28W-33N		5	
L32W-24N		<5		L28W-32N		<5	
L32W-21N		<5	2.00	L28W-31N		<5	
L32W-20N		<5	6.00	L28W-30N		<5	
L32W-19N		<5		L28W-29N		<5	
L32W-18N		<5		L28W-28N		<5	
L32W-17N		<5		L28W-27N		<5	
L32W-16N		<5		L28W-26N		<5	
L32W-14N		<5		L28W-24N		<5	
L32W-13N		<5		L28W-23N		<5	
L32W-9+80N		<5	6.00	L28W-22N		<5	
L32W-9N		<5		L28W-21N		<5	
L32W-8N		<5		L28W-20N		<5	
L32W-7N		<5		L28W-19N		5	
L32W-6N		<5		L28W-18N		5	
L32W-5N		<5		L28W-16N		<5	
L32W-4N		23		L28W-15N		<5	
L32W-3N		<5		L28W-11N		<5	
L32W-2N		<5		L28W-10N		<5	
L32W-1N		<5		L28W-09N		<5	
L32W-BLD		<5		L28W-08N		<5	
L28W-54+56N		<5	1.46	L28W-07N		<5	
L28W-54N		<5		L28W-06N		<5	
L28W-53N		<5		L28W-05N		5	
L28W-52N		<5		L28W-04N		<5	
L28W-51N		<5		L28W-03N		<5	
L28W-50N		<5		L28W-02N		<5	
L28W-49N		<5		L28W-01N		<5	
L28W-48N		<5		L28W-8L0		<5	



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Geochemical  
 Lab Report

REPORT: 088-52425.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L24W-54N		<5		L24W-13N		<5	
L24W-53N		<5		L24W-12N		<5	
L24W-52N		<5		L24W-11N		<5	
L24W-51N		<5		L24W-10N		<5	
L24W-50N		<5		L24W-09N		<5	
L24W-49N		<5		L24W-08N		57	
L24W-48N		<5		L24W-07N		465	9.00
L24W-47N		<5	7.00	L24W-06N		<5	
L24W-46N		<5		L24W-05N		<5	8.00
L24W-45N		<5		L24W-04N		<5	
L24W-44N		<5		L24W-03N		<5	
L24W-43N		<5		L24W-02N		<5	
L24W-42N		<5		L24W-01N		<5	
L24W-41N		<5		L24W-BL0		<5	
L24W-40N		<5		L20W-54N		<5	
L24W-39N		<5		L20W-53N		<5	
L24W-38N		<5		L20W-52N		<5	
L24W-37N		<5		L20W-51N		<5	
L24W-36N		<5		L20W-50N		<5	
L24W-35N		<5		L20W-49N		<5	
L24W-34N		<5		L20W-48N		<5	8.00
L24W-33N		<5		L20W-47N		<5	
L24W-32N		<5		L20W-46N		<5	
L24W-31N		<5		L20W-45N		<5	
L24W-30N		<5		L20W-44N		<5	
L24W-29N		<5		L20W-43N		<5	
L24W-28N		<5		L20W-42N		<5	
L24W-27N		<5		L20W-41N		<5	
L24W-26N		<5		L20W-40N		<5	
L24W-25N		<5		L20W-39N		<5	
L24W-24N		<5					
L24W-23N		<5					
L24W-22N		<5	8.00				
L24W-21N		<5					
L24W-20N		<5					
L24W-19N		<5					
L24W-18N		<5					
L24W-16N		<5					
L24W-15N		<5					
L24W-14N		<5					

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Geochemical  
Lab Report

REPORT: 030-52533.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY:  
DATE PRINTED: 6-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	353	5 PPB	AQUA REGIA	EA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	353	-00	353	Dry, Sieve -80	253

REMARKS: SAMPLES L112W-26N, L104W-45N, L100W-47N AND  
L04W-20N REC'D IN DUPLICATE.

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Geochemical  
 Lab Report

REPORT: 000-52533.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L120W-33F50N		<5	L124W-19N		<5
L120W-32N		<5	L124W-18N		<5
L120W-31N		<5	L124W-17N		<5
L120W-30N		<5	L124W-15N		<5
L120W-29N		<5	L124W-14N		<5
L120W-28N		<5	L124W-13N		<5
L120W-27N		<5	L124W-12N		<5
L120W-26N		<5	L124W-11N		5
L120W-25N		<5	L124W-10N		<5
L120W-24N		<5	L124W-09N		6
L120W-23N		<5	L124W-08N		<5
L120W-22N		<5	L124W-7+15N		<5
L120W-21N		<5	L120W-34N		<5
L120W-20N		<5	L120W-33N		6
L120W-19N		<5	L120W-32N		<5
L120W-18N		<5	L120W-31N		<5
L120W-17N		<6	L120W-30N		<5
L120W-16N		<5	L120W-29N		<6
L120W-15N		<5	L120W-28N		7
L120W-14N		<5	L120W-27N		8
L120W-13N		<5	L120W-26N		6
L120W-12N		<5	L120W-25N		16
L120W-11N		<5	L120W-24N		<5
L120W-10N		<5	L120W-21N		<5
L120W-09N		7	L120W-20N		<5
L120W-08N		<5	L120W-19N		<5
L120W-07N		8	L120W-18N		<5
L124W-33N		7	L120W-17N		5
L124W-32N		5	L120W-16N		6
L124W-31N		<5	L120W-16NA		12
L124W-30N		5	L120W-15N		8
L124W-29N		9	L120W-14N		7
L124W-28N		<5	L120W-13N		<5
L124W-26N		<5	L120W-12N		<5
L124W-25N		<5	L120W-11N		7
L124W-24N		11	L120W-10N		<5
L124W-23N		13	L120W-09N		5
L124W-22N		6	L120W-08N		11
L124W-21N		7	L120W-07N		<5
L124W-20N		<5	L116W-45N		<5

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 Lab Report

REPORT: 088-52533.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L116W-44N		8	L112W-42N		<5
L116W-43N		<5	L112W-41N		<5
L116W-42N		<5	L112W-40N		<5
L116W-41N		<5	L112W-39N		<5
L116W-40N		5	L112W-38N		<5
L116W-39N		7	L112W-37N		<5
L116W-38N		10	L112W-36N		5
L116W-37N		5	L112W-35N		<5
L116W-36N		<5	L112W-32N		<5
L116W-35N		<7	L112W-31N		<5
L116W-34N		<5	L112W-29N		<5
L116W-33N		<5	L112W-27N		7
L116W-32N		<5	L112W-26N(A)		<5
L116W-31N		<5	L112W-26N(B)		<5
L116W-30N		<5	L112W-25N		7
L116W-29N		<5	L112W-24N		<5
L116W-28N		<5	L112W-23N		10
L116W-27N		10	L112W-22N		<5
L116W-26N		<5	L112W-21N		<5
L116W-25N		<5	L112W-20N		<5
L116W-24N		<5	L112W-19N		<5
L116W-23N		<5	L112W-15N		11
L116W-22N		<5	L112W-13N		<5
L116W-21N		<5	L112W-12N		5
L116W-20N		<5	L112W-11N		<5
L116W-19N		<5	L112W-10N		<5
L116W-18N		<5	L112W-09N		<5
L116W-17N		<5	L112W-7N		5
L116W-16N		<5	L112W-6+50N		<5
L116W-14N		32	L108W-45+60N		8
L116W-13N		<5	L108W-45N		<5
L116W-12N		<5	L108W-43N		16
L116W-11N		<5	L108W-42N		5
L116W-10N		74	L108W-41N		9
L116W-09N		<5	L108W-40N		<5
L116W-08N		<5	L108W-39N		<5
L116W-07N		<7	L108W-36N		<5
L112W-45+40N		<5	L108W-35N		<5
L112W-44N		<5	L108W-34N		<5
L112W-43N		<5	L108W-31N		<5

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Geochemical  
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REPORT: 088-52533.0

PROJECT: NONL

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L108W-30N		<5	L104W-24N		<5
L108W-29N		<5	L104W-22N		<5
L108W-28N		<5	L104W-19N		<5
L108W-27N		<5	L104W-18N		<5
L108W-26N		<5	L104W-10N		<5
L108W-25N		<5	L104W-09N		<5
L108W-23N		<5	L104W-6N		6
L108W-22N		<5	L104W-3N		5
L108W-21N		<5	L104W-1N		<5
L108W-20N		<5	L104W-B.L.O		5
L108W-19N		<5	L100W-58N		<17
L108W-18N		<5	L100W-57N		<5
L108W-17N		<5	L100W-55N		<5
L108W-16N		<5	L100W-54N		<5
L108W-12N		<5	L100W-53N		<5
L108W-11N		<5	L100W-52N		<5
L108W-10N		<5	L100W-51N		<5
L108W-09N		<5	L100W-50N		<5
L108W-08N		<5	L100W-49N		<5
L108W-07N		<5	L100W-48N		<5
L104W-57N		<5	L100W-47N(A)		<5
L104W-49N		<5	L100W-47W(B)		<5
L104W-48N		<5	L100W-46N		<5
L104W-47N		<5	L100W-45N		<5
L104W-45N(A)		<5	L100W-44N		<5
L104W-45N(B)		<5	L100W-43N		<5
L104W-43N		<5	L100W-42N		<5
L104W-42N		<5	L100W-41N		<5
L104W-41N		<5	L100W-40N		<5
L104W-40N		<5	L100W-39N		<5
L104W-39N		<5	L100W-38N		<5
L104W-36N		<5	L100W-36N		<5
L104W-37N		<5	L100W-35N		<5
L104W-36N		<5	L100W-34N		<5
L104W-35N		<5	L100W-33N		<5
L104W-33N		<5	L100W-32N		<5
L104W-32N		<5	L100W-31N		<5
L104W-29N		<5	L100W-30N		<5
L104W-27N		<5	L100W-29N		<5
L104W-25N		<5	L100W-28N		<5

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Geochemical  
 Lab Report

REPORT: 088-52533.0

PROJECT: NONE

PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L100W-27N		<5	L92W-21N		<5
L100W-26N		<5	L92W-20N		<6
L100W-25N		<5	L92W-19N		<5
L100W-24N		7	L92W-18N		<5
L100W-23N		<5	L92W-16N		<5
L100W-22N		<5	L92W-15N		<5
L100W-21N		<5	L92W-12N		<5
L100W-20N		<5	L92W-11N		<5
L100W-19N		<5	L92W-10N		<5
L100W-18N		<5	L92W-8N		<5
L100W-17N		6	L92W-7N		<5
L100W-16N		5	L92W-6N		<5
L100W-15N		<5	L92W-4N		<5
L100W-14N		<5	L92W-3N		<5
L100W-13N		8	L92W-2N		<5
L100W-12N		<5	L84W-57N		6
L100W-11N		<5	L84W-56N		<5
L100W-10N		6	L84W-55N		<5
L100W-6N		<5	L84W-54N		<5
L100W-5N		<5	L84W-53N		<5
L100W-4N		<5	L84W-52N		<5
L100W-3N		12	L84W-51N		6
L100W-2N		<5	L84W-50N		12
L100W-1N		8	L84W-49N		<5
L92W-59N		<5	L84W-48N		<5
L92W-57N		<6	L84W-47N		<5
L92W-55N		<5	L84W-46N		<5
L92W-54N		<5	L84W-44N		<5
L92W-51N		<5	L84W-43N		<5
L92W-49N		<5	L84W-42N		<5
L92W-45N		<5	L84W-41N		<5
L92W-44N		<5	L84W-40N		<5
L92W-43N		<5	L84W-39N		<5
L92W-42N		<5	L84W-38N		<5
L92W-40N		<5	L84W-37N		<5
L92W-39N		<6	L84W-36N		6
L92W-38N		<5	L84W-35N		<5
L92W-36N		<5	L84W-34N		<5
L92W-33N		<5	L84W-33N		<5
L92W-29N		<5	L84W-32N		<5

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Geochemical  
 Lab Report

REPORT: 088-52533.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
LB4W-31N		<5			
LB4W-30N		<5			
LB4W-29N		<5			
LB4W-28N(A)		<5			
LB4W-28N(B)		<5			
LB4W-27N		<5			
LB4W-26N		<5			
LB4W-25N		<5			
LB4W-24N		<5			
LB4W-23N		<5			
LB4W-22N		<5			
LB4W-21N		<5			
LB4W-20N		<5			
LB4W-19N		<5			
LB4W-18N		<5			
LB4W-17N		<5			
LB4W-16N		<5			
LB4W-15N		53			
LB4W-14N		<5			
LB4W-13N		<5			
LB4W-12N		<5			
LB4W-11N		<5			
LB4W-10N		<5			
LB4W-09N		<5			
LB4W-08N		<5			
LB4W-07N		<5			
LB4W-06N		<5			
LB4W-05N		<5			
LB4W-04N		<5			
LB4W-03N		7			
LB4W-02N		<5			
LB4W-1N		<5			
LB4W-BLO		<5			

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# Geochemical Lab Report

REPORT: 088-52724.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 16-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	98	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	98	-80	98	Dry.Sieve -60	98

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REPORT: 088-52724.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L144W-34N		<7 -	L140W-19N		6 -
L144W-33N		<5	L140W-18N		29 -
L144W-32N		<5	L140W-17N		<5
L144W-31N		<5	L140W-14N		<5
L144W-30N		<5	L140W-13N		<5
L144W-29N		<5	L140W-12N		<5 -
L144W-28N		<5	L140W-11N BL		<5
L144W-27N		<5	L140W-10N		<5
L144W-26N		<5	L140W-09N		<5
L144W-25N		7 -	L140W-08N		<5
L144W-24N		<5	L136W-35N		6 -
L144W-23N		<5	L136W-34N		<5
L144W-22N		<5	L136W-33N		<5
L144W-21N		<5	L136W-32N		<5
L144W-20N		<5	L136W-31N		<5
L144W-19N		<5	L136W-30N		<5
L144W-18N		<5	L136W-29N		<5
L144W-17N		<5	L136W-28N		<5
L144W-16N		<5	L136W-27N		<5
L144W-15N		<5	L136W-25N		<5
L144W-14N		<5	L136W-24N		<5
L144W-13N		<5	L136W-23N		<5
L144W-12N		<5	L136W-21N		<5
L144W-11N BL		<5	L136W-20N		<5
L144W-10N		10 -	L136W-19N		<5
L144W-09N		6 -	L136W-18N		<5
L144W-08N		<5	L136W-17N		<5
L140W-35N		9 -	L136W-14N		5 -
L140W-33N		<5	L136W-12N		<5
L140W-32N		<5	L136W-11N BL		<5
L140W-31N		<5	L136W-10N		<5
L140W-30N		<5	L136W-09N		5 -
L140W-29N		<5	L136W-08N		<5
L140W-28N		<5	L132W-34N		<5
L140W-27N		5 -	L132W-33N		<5
L140W-26N		5 -	L132W-32N		<5
L140W-25N		<5	L132W-31N		<5
L140W-24N		<5	L132W-30N		<5
L140W-23N		<5	L132W-29N		<5
L140W-22N		<5	L132W-28N		<5

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# Geochemical Lab Report

REPORT: 088-5272A.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
---------------	---------------	--------	---------------	---------------	--------

L132W-27N		<5			
L132W-26N		<5			
L132W-25N		<5			
L132W-24N		<5			
L132W-23N		12			

L132W-22N		<5			
L132W-21N		<5			
L132W-19N		<5			
L132W-18N		6			
L132W-17N		24			

L132W-16N		<5			
L132W-15N		<5			
L132W-13N		7			
L132W-12N		17			
L132W-11N BL		9			

L132W-10N		5			
L132W-09N		9			
L132W-08N		<5			

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# Geochemical Lab Report

REPORT: 088-52694.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NCR#E

SUBMITTED BY: ERIC  
DATE PRINTED: 19-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	246	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	Testwt Fire Assay Test Wt.	5	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	246	-80	246	Dry.Sieve -80	246

REMARKS: < MEANS LESS THAN

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INVOICE TO: H. FERDERBER GEOPHYSICS

REPORT: 088-52694.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPS	Testwt grs	SAMPLE NUMBER	ELEMENT UNITS	Au PPS	Testwt grs
L116W-17S		<5		L112W-27S		<5	
L116W-18S		5	-	L112W-28S		<5	
L116W-19S		<5		L112W-29S		<5	
L116W-20S		<5		L112W-30S		5	-
L116W-21S		<5		L112W-31S		6	-
L116W-22S		<5		L112W-32S		9	-
L116W-24S		<5		L112W-33S		<5	
L116W-25S		<5		L112W-35S		<5	
L116W-26S		<5		L112W-36S		<5	
L116W-27S		<5		L112W-37S		7	-
L116W-29S		<5		L112W-38S		<5	
L116W-31S		<5		L112W-39S		5	-
L116W-32S		<5		L112W-40S		<5	
L116W-33S		<5		L112W-41S		<5	
L116W-34S		<5		L112W-42S		<5	
L116W-35S		<5		L112W-43S		<5	
L116W-36S		<5		L112W-44S		5	-
L116W-37S		<5		L112W-45S		8	-
L116W-38S		<5		L112W-46S		<5	
L116W-39S		<5		L112W-47S		<5	
L116W-40S		<5		L112W-48S		6	-
L116W-41S		<5		L112W-49S		5	-
L116W-42S		<5		L112W-50S		6	-
L116W-43S		<5		L112W-52S		<5	
L116W-44S		5	-	L112W-53S		5	-
L116W-45S		<5		L112W-54S		<5	
L116W-46S		<5		L112W-55S		<5	
L116W-47S		<5		L108W-17S		<5	
L116W-48S		<5		L108W-18S		<5	
L116W-52S		<5		L108W-19S		5	-
L116W-53S		<5		L108W-20S		<5	
L116W-54S		<5		L108W-22S		<5	
L116W-55S		6	-	L108W-25S		<5	
L112W-17S		11	-	L108W-26S		<5	
L112W-18S		<5		L108W-28S		<5	
L112W-19S		<5		L108W-29S		<5	
L112W-20S		<5		L108W-30S		<5	
L112W-23S		<5		L108W-31S		<5	
L112W-25S		5	-	L108W-32S		<5	
L112W-26S		6	-	L108W-34S		<5	

REPORT: 088-52694.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gms
L108W-35S		10	✓	L95W-69N		<5	
L108W-38S		<5		L96W-66N		5	-
L103W-39S		6	✓	L95W-67N		6	-
L108W-40S		<5		L96W-66N		<5	
L108W-41S		6	-	L95W-65N		<5	
L108W-42S		<5		L96W-64N		5	-
L108W-43S		<5		L95W-63N		5	-
L108W-44S		5	✓	L96W-62N		5	-
L108W-45S		5	✓	L95W-61N		7	-
L108W-46S		<5		L96W-60N		5	-
L108W-49S		<5		L95W-59N		<5	
L108W-52S		<5		L96W-58N		5	-
L108W-54S		<5		L95W-1S		6	-
L108W-55S		<5		L96W-2S		6	-
L108W-56S		<5		L95W-3S		8	-
L108W-58S		<5		L96W-4S		11	-
L104W-69+41N		<5		L95W-5S		9	-
L104W-68N		13	-	L96W-8S		5	-
L104W-66N		<5		L95W-9S		7	-
L104W-65N		<5		L96W-11S		7	-
L104W-64N		<5		L95W-12S		6	-
L104W-63N		<5		L96W-13S		6	-
L104W-61N		<5		L95W-14S		6	-
L104W-60N		<5		L96W-16S		6	-
L104W-59N		<5		L95W-17S		5	-
L100W-70N		<5		L96W-19S		9	-
L100W-69N		<5		L95W-21S		7	-
L100W-68N		<5		L96W-23S		16	8.00
L100W-67N		<5		L95W-24S		11	9.00
L100W-66N		<5		L96W-25S		11	8.00
L100W-65N		5	-	L95W-26S		6	-
L100W-64N		5	✓	L96W-29S		6	-
L100W-63N		5	✓	L95W-31S		6	-
L100W-62N		<5		L96W-33S		9	-
L100W-61N		6	-	L95W-34S		<5	
L100W-60N		11	✓	L96W-36S		<5	
L100W-59N		24	✓	L95W-37S		8	-
L100W-58N		5	-	L96W-38S		<5	
L96W-70+63N		<5		L95W-39S		<5	
L96W-70N		6	-	L96W-40S		<5	

REPORT: 088-52694.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt qns	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt qns
L96W-41S		<5		L92W-11S		<5	
L96W-42S		<5		L92W-12S		7 -	
L96W-43S		<5		L92W-13S		5 -	
L96W-44S		<5		L92W-14S		7 -	
L96W-47S		<5		L92W-15S		7 -	
L96W-48S		<5		L92W-16S		<5	
L96W-49S		<5	6.00	L92W-17S		9 -	
L96W-50S		<5		L92W-18S		10 -	
L96W-51S		<5		L92W-19S		6 -	
L96W-52S		<5		L92W-20S		8 -	
L96W-53S		<5		L92W-21S		5 -	
L96W-54S		<5		L92W-22S		6 -	
L96W-55S		7 -		L92W-23S		<5	
L96W-56S		<5		L92W-24S		6 -	
L96W-57S		<5		L92W-25S		6 -	
L96W-58S		<5	9.00	L92W-26S		6 -	
L96W-59S		10 -		L92W-27S		5 -	
L92W-74N		9 -		L92W-28S		6 -	
L92W-75N		17 -		L92W-28+25S		<5	
L92W-71N		5 -		L92W-28+94S		5 -	
L92W-70N		14 -		L92W-29S		<5	
L92W-69N		7 -		L92W-30S		<5	
L92W-68N		7 -		L92W-31S		<5	
L92W-67N		11 -		L92W-32S		<5	
L92W-65N		13 -		L92W-33S		<5	
L92W-64N		14 -		L92W-34S		<5	
L92W-63N		7 -		L92W-35S		<5	
L92W-62N		8 -		L92W-36S		<5	
L92W-59N		9 -		L92W-37S		<5	
L92W-58+27N		9 -		L92W-38S		<5	
L92W-01S		7 -		L92W-39S		<5	
L92W-02S		14 -		L92W-40S		<5	
L92W-03S		10 -		L92W-41S		<5	
L92W-04S		8 -		L92W-42S		<5	
L92W-05S		10 -		L92W-43S		<5	
L92W-06S		64 -		L92W-44S		<5	
L92W-07S		8 -		L92W-45S		<5	
L92W-08S		7 -		L92W-46S		<5	
L92W-09S		7 -		L92W-47S		<5	
L92W-10S		5 -		L92W-48S		<5	

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# Geochemical Lab Report

REPORT: 088-52694.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gns	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt gns
L92W-49S		<5					
L92W-50S		<5					
L92W-51S		<5					
L92W-53S		<5					
L92W-54S		<5					
L92W-55S		5	-				

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# Geochemical Lab Report

REPORT: 088-52709.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ANDRE  
DATE PRINTED: 20-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	176	5 PPM	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	176	-60	176	Dry.Sieve -60	176

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REPORT: 088-52709.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L104W-02S		<5	L104W-52S		<5
L104W-03S		<5	L104W-53S		<5
L104W-04S		<5	L104W-54S		<5
L104W-05S		<5	L104W-55S		<5
L104W-06S		<5	L104W-56S		<5
L104W-07S		<5	L100W-1S		<5
L104W-08S		<5	L100W-2S		<5
L104W-09S		<5	L100W-3S		<5
L104W-10S		<5	L100W-5S		<5
L104W-12S		<5	L100W-6S		<5
L104W-13S		<5	L100W-06S		5
L104W-14S		<5	L100W-09S		6
L104W-15S		<5	L100W-10S		7
L104W-17S		<5	L100W-11S		<5
L104W-19S		<5	L100W-12S		<5
L104W-20S		<5	L100W-13S		6
L104W-21S		<5	L100W-17S		<5
L104W-24S		<5	L100W-20S		<5
L104W-25S		<5	L100W-20+50S		<5
L104W-27S		<5	L100W-22S		<5
L104W-28S		<5	L100W-28S		<5
L104W-29S		<5	L100W-29S		<5
L104W-29+57S		<5	L100W-30S		<5
L104W-30S		<5	L100W-31S		<5
L104W-31S		<5	L100W-33S		<5
L104W-32S		<5	L100W-34S		<5
L104W-33S		<5	L100W-35S		<5
L104W-34S		<5	L100W-36S		<5
L104W-35S		<5	L100W-37S		<5
L104W-36S		<5	L100W-38S		<5
L104W-37S		<5	L100W-39S		<5
L104W-38S		<5	L100W-40S		<5
L104W-40		<5	L100W-41S		<5
L104W-41		<5	L100W-42S		<5
L104W-42		<5	L100W-43S		<5
L104W-43		<5	L100W-44S		<5
L104W-45S		6	L100W-45S		5
L104W-49S		<5	L100W-46S		<5
L104W-50S		<5	L100W-47S		<5
L104W-51S		<5	L100W-48S		<5

REPORT: 088-52709.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L100W-49S		<5	L64W-36S		<5
L100W-50S		<5	L64W-37S		<5
L100W-51S		<5	L64W-38S		5
L100W-52S		<5	L64W-39S		<5
L100W-53S		<5	L64W-40S		9
L100W-54S		<5	L64W-41S		<5
L100W-55S		<5	L64W-42S		7
L100W-56S		<5	L64W-43S		<5
L100W-57S		<5	L64W-45S		<5
L100W-58S		<5	L64W-47S		6
L64W-01S		6	L52W-2S		<5
L64W-02S		6	L52W-3S		<5
L64W-03S		8	L52W-4S		<5
L64W-04S		8	L52W-5S		8
L64W-05S		<5	L52W-09S		<5
L64W-06S		<5	L52W-10S		<5
L64W-07S		7	L52W-11S		<5
L64W-08S		<5	L52W-14S		11
L64W-09S		7	L52W-15S		7
L64W-11S		8	L52W-16S		<5
L64W-12S		<5	L52W-17S		<5
L64W-13S		8	L52W-18S		<5
L64W-14S		<5	L52W-19S		<5
L64W-15S		<5	L52W-20S		<5
L64W-16S		<5	L52W-21S A		<5
L64W-17S		<5	L52W-21S B		<5
L64W-18S		<5	L52W-22S		<5
L64W-20S		<5	L52W-23S		7
L64W-21S		6	L52W-24S		<5
L64W-22S		<5	L52W-25S		6
L64W-23S		5	L52W-26S		<5
L64W-24S		<5	L52W-27S A		14
L64W-25S		<5	L52W-27S B		5
L64W-26S		<5	L52W-28S		<5
L64W-27S		28	L52W-29S		<5
L64W-28S		<5	L52W-30S		<5
L64W-29S		14	L52W-49S		<5
L64W-31S		<5	L52W-51S A		<5
L64W-33S		<5	L52W-51S B		<5
L64W-34S		<5	L52W-52S		<5



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Geochemical  
 Lab Report

PHONE: 088-52693.0 ( COMPLETE )

REFERENCE INFO:

IDENT: KOALA RESOURCES  
 CLIENT: NONE

SUBMITTED BY: ERIC  
 DATE PRINTED: 20-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	291	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	Au Rew Au Reweighs	5	1 PPB		
3	Au Rew Au Reweighs	3	1 PPB		
4	Testwt Fire Assay Test Wt.	6	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	291	-80	291	Dry.Sieve -80	291

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PROJECT: 088-52693.0

PROJECT: NONE PAGE 1

LABORATORY NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Au Rew PPB	Testwt ons	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Au Rew PPB	Testwt ons
L88W-74+80N		<5				L88W-28S		<5			
L88W-74N		<5				L88W-29S		<5			
L88W-73N		9				L88W-30S		<5			
L88W-71N		<5				L88W-31S		<5			
L88W-70N		<5				L88W-32S		193	<5	<16	
L88W-69N		5				L88W-33S		11			
L88W-68N		16				L88W-34S		30			
L88W-67N		6				L88W-35S		41			
L88W-66N		<5				L88W-36S		140	<7		
L88W-65N		8				L88W-37S		36			
L88W-64N		<5				L88W-38S		64			
L88W-63N		<5				L88W-39S		24			
L88W-62N		<5				L88W-40S		557	<5	<32	
L88W-61N		<5				L88W-41S		77			
L88W-60N		<5				L88W-42S		5			
L88W-01S		<5				L88W-43S		20			
L88W-02S		<5				L88W-44S		72			
L88W-03S		12				L88W-45S		23			
L88W-04S		6				L88W-46S		24			
L88W-05S		<5				L88W-47S		96			
L88W-06S		<5				L88W-48S		93			
L88W-07S		<5				L88W-49S		17			
L88W-08S		<5				L88W-50S		15			
L88W-09S		<5				L88W-51S		8			
L88W-10S		<5				L88W-52S		68			
L88W-13S		<5				L88W-53S		7			
L88W-14S		<5				L88W-54S		<5			
L88W-15S		<5				L88W-55S		<5			
L88W-16S		<5				L88W-56S		<5			
L88W-17S		<5				L88W-57S		<5			
L88W-18S		<5				L88W-58S		<5			
L88W-19S		<5				L88W-59S		<5			
L88W-20S		6				L88W-60S		<5			
L88W-21S		<5				L88W-62S		<5			
L88W-22S		<5				L88W-63S		<5			
L88W-23S		<5				L88W-64S		<5			
L88W-24S		<5				L88W-65S		<5			
L88W-25S		<5				L88W-66S		6			
L88W-26S		<5				L88W-71N		<5			
L88W-27S		<5				L88W-76N		<5			

PHONE: 088-52693.0

PROJECT: NONE

PAGE 2

MP#	ELEMENT	Au	Au Rew	Au Rew	TestWt	SAMPLE	ELEMENT	Au	Au Rew	Au Rew	TestWt
MP#	UNITS	PPB	PPB	PPB	gms	NUMBER	UNITS	PPB	PPB	PPB	gms
	L84W-68N	<5				L84W-36S		<5			
	L84W-67N	<5				L84W-41S		<5			
	L84W-66N	<5				L84W-44S		<5			
	L84W-65N	<5				L84W-46S		<5			
	L84W-64N	<5				L84W-47S		8			
	L84W-63N	8				L84W-49S		<5			
	L84W-62N	<5				L84W-51S		<5			
	L84W-61N	<5				L84W-52S		6			
	L84W-60N	<5				L84W-53S		5			
	L84W-59N	<5				L84W-54S		7			
	L84W-58+25N	<5				L84W-55S		6			
	L84W-1S	<5				L84W-56S		5			
	L84W-2S	<5				L84W-57S		<5			
	L84W-3S	<5				L84W-59S		10			
	L84W-4S	27				L84W-60S		<5			
	L84W-5S	<5				L84W-61S		<5			
	L84W-7S	<5				L84W-62S		<5			
	L84W-8S	<5				L84W-63S		<5			
	L84W-9S	<5				L84W-64S		<5			
	L84W-11S	<5				L84W-65S		7			
	L84W-12S	<5				L84W-67S		<5			
	L84W-13S	<6			9.00	L84W-69S		<5			
	L84W-14S	<5				L84W-69S		<5			
	L84W-15S	<5				L84W-70S		<5			
	L84W-16S	<5				L84W-71S		<5			
	L84W-17S	7				L84W-71+75S		<5			
	L84W-19S	10				L80W-76N		<5			
	L84W-20S	<5				L80W-69N		<5			
	L84W-24S	<5				L80W-67N		<5			
	L84W-25S	5				L80W-64N		<5			
	L84W-26S	<5				L80W-62N		<5			
	L84W-27S	<5				L80W-61N		<6			9.00
	L84W-28S	<5				L80W-60N		<5			
	L84W-29S	<5				L80W-59N		<5			
	L84W-32S	<5				L80W-1S		13			
	L84W-33S	<5				L80W-2S		17			
	L84W-34S	<5				L80W-3S		11			8.00
	L84W-35S	<5				L80W-4S		12			
	L84W-36S	<5				L80W-6S		8			
	L84W-37S	<5				L80W-7S		10			

REF: 088-52693.0

PROJECT: NONE

PAGE 3

ANALYSIS	ELEMENT UNITS	AU PPB	AU Rew PPB	AU Rew PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	AU PPB	AU Rew PPB	AU Rew PPB	Testwt gms
L80W-8S		<5				L80W-62S		12			
L80W-10S		8				L80W-63S		10			
L80W-12S		10				L80W-64S		13			
L80W-13S		25				L80W-65S		18			
L80W-14S		15			7.00	L80W-66S		29			
L80W-15S		35			9.00	L80W-67S		63			
L80W-16S		188	<60			L80W-68S		7			
L80W-24S		8				L80W-69S		10			
L80W-25S		<5				L80W-70S		13			
L80W-26S		<5				L80W-71S		11			
L80W-27S		16				L80W-72S		21			
L80W-28S		10				L76W-74N		6			
L80W-29S		<5				L76W-73N		12			
L80W-30S		<5				L76W-72N		12			7.00
L80W-34S		8				L76W-71N		10			
L80W-35S		<5				L76W-70N		14			
L80W-36S		<5				L76W-66N		7			
L80W-37S		<5				L76W-64N		6			
L80W-40S		<5				L76W-63N		13			
L80W-41S		<5				L76W-62N		8			
L80W-42S		<5				L76W-61N		5			
L80W-43S		<5				L76W-59N		<5			
L80W-44S		<5				L76W-1S		<5			
L80W-45S		<5				L76W-2S		<5			
L80W-46S		<5				L76W-3S		<5			
L80W-47S		<5				L76W-4S		8			
L80W-48S		6				L76W-5S		9			
L80W-49S		<5				L76W-6S		<5			
L80W-50S		<5				L76W-08S		<5			
L80W-51S		<5				L76W-69S		<5			
L80W-52S		<5				L76W-10S		7			
L80W-53S		<5				L76W-11S		<5			
L80W-54S		<5				L76W-12S		12			
L80W-55S		<5				L76W-13S		<5			
L80W-56S		7				L76W-14S		<5			
L80W-57S		6				L76W-15S		<5			
L80W-58S		<5				L76W-16S		<5			
L80W-59S		<5				L76W-17S		<5			
L80W-60S		9				L76W-18S		<5			
L80W-61S		6				L76W-19S		<5			





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**Geochemical  
 Lab Report**

REPORT: 088-52692.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
 PROJECT: NONE

SUBMITTED BY: EPIC  
 DATE PRINTED: 20-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Rew Au Reweighs	21	1 PPB		
2	Au Gold	327	5 PPB	AQUA REGIA	FA-AA @ 10 on weight
3	Testwt Fire Assay Test Wt.	6	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S01L	327	-60	327	Dry.Sieve -60	327

REMARKS: < MEANS LESS THAN.

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INVOICE TO: H. FERDERBER GEOPHYSICS

REPORT: 088-52692.0

PROJECT: H08E

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt gms
L72W-86N			<5		L72W-12S			6	
L72W-87N			<5		L72W-13S			<5	
L72W-86N			<5		L72W-14S			<5	
L72W-85N			<5		L72W-15S			9	
L72W-84N			<5		L72W-16S			<5	
L72W-82N			<5		L72W-18S			<5	
L72W-81N			<5		L72W-19S			<5	
L72W-80N			<5		L72W-20S			<5	
L72W-79N			<5		L72W-22S			8	
L72W-78N			<5		L72W-23S			<5	
L72W-77N			<5		L72W-24S			<5	
L72W-76N			<5		L72W-25S			<5	
L72W-75N			<5		L72W-26S			<5	
L72W-74N			<5		L72W-27S			<5	
L72W-73N			<5		L72W-28S			<5	
L72W-72N			<5		L72W-29S			<5	
L72W-71N			<5		L72W-30S			<5	
L72W-70N			<5		L72W-31S			<5	
L72W-69N			<5		L72W-32S			<5	
L72W-68N			<5		L72W-33S			<5	
L72W-67N			<5		L72W-34S			<5	
L72W-65N			<5		L72W-35S			<5	
L72W-65N			62		L72W-36S			<5	
L72W-63N			11		L72W-37S			<5	
L72W-62N			19		L72W-38S			<5	
L72W-61N			13		L72W-39S			9	
L72W-60N			<5		L72W-40S		6	6	
L72W-59N			<5		L72W-41S		5	5	
BLD L72W 0+00			<5		L72W-42S		<5	<5	
L72W-01S			44		L72W-43S		<5	<5	
L72W-02S			<5		L72W-44S		<5	<5	
L72W-03S			<5		L72W-45S		<10	<10	5.00
L72W-04S			<5		L72W-46S			7	
L72W-05S			<5		L72W-47S		<6	<6	8.00
L72W-06S			<5		L72W-48S		19	12	
L72W-07S			<5		L72W-49S		<5	<5	
L72W-08S			<5		L72W-50S			<6	
L72W-09S			96		L72W-51S		<5	<5	
L72W-10S			<5		L72W-52S		<5	<5	
L72W-11S			9		L72W-53S		6	6	

REPORT: 088-52692.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt ons	SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt ons
L72W-54S			<5		L68W-63N			<5	
L72W-55S			<8		L68W-62N			<5	
L72W-56S			<7		L68W-61N			<5	
L72W-57S			<10		L68W-60N			<5	
L72W-58S		8	8		L68W-59N			<5	
L72W-59S			<5		L68W-58N			6	
L72W-60S			<5		L68W-01S			<5	
L72W-61S			<5		L68W-02S			<5	
L72W-62S			7		L68W-03S			<5	
L72W-63S			49		L68W-04S			<5	
L72W-64S			<5		L68W-05S			<5	
L72W-65S			13		L68W-06S			<5	
L72W-66S			<5		L68W-07S			<5	
L72W-67S			<5		L68W-08S			<5	
L72W-68S			7		L68W-09S			<5	
L72W-69S			26		L68W-10S			<5	
L72W-70SA			<5		L68W-11S			8	
L72W-70SB			<5		L68W-12S			<5	
L72W-72S			<5		L68W-13S			<5	
L68W-88N			<5		L68W-14S			8	
L68W-88+45N			<5		L68W-15S			6	
L68W-87N			<5		L68W-16S			<5	
L68W-86N			12		L68W-17S			50	
L68W-85N			<5		L68W-18S			<5	
L68W-84N			17		L68W-19S			<5	
L68W-83N			<5		L68W-20S			<5	
L68W-82N			43		L68W-21S			<5	
L68W-81N			6		L68W-22S			<5	
L68W-80N			6		L68W-23S			<5	
L68W-79N			<5		L68W-24S			<5	
L68W-78N		<5	<5		L68W-25S			<5	
L68W-77N		7	7		L68W-26S			<5	
L68W-75N		37	210	3.00	L68W-27S			<5	
L68W-74N		6	9		L68W-28S			<5	
L68W-73N		30	42	2.00	L68W-29S			7	
L68W-72N		13	496	7.00	L68W-30S			<5	
L68W-71N		<5	14		L68W-31S			<5	
L68W-66N		70	122	1.00	L68W-32S			<5	
L68W-65N			<5		L68W-33S			<5	
L68W-64N			<5		L68W-34S			40	

REPORT: 088-52692.0

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au Testwt grs	SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au Testwt grs
L68W-35S			10	L64W-84N			<5
L68W-36S			7	L64W-83N			7
L68W-37S			<5	L64W-82N			<5
L68W-38S			<5	L64W-80N			7
L68W-39S			<5	L64W-75N			<5
L68W-40S			<5	L64W-78N			<5
L68W-41S			<5	L64W-77N			<5
L68W-42S			<5	L64W-76N			<5
L68W-43S			<5	L64W-75N			<5
L68W-44S			<5	L64W-74N			<5
L68W-45S			<5	L64W-73N			<5
L68W-46S			<5	L64W-72N			<5
L68W-47S			<5	L64W-71N			<5
L68W-48S			<5	L64W-70N			<5
L68W-49S			<5	L64W-69N			<5
L68W-50S			6	L64W-68N			<5
L68W-51S			6	L64W-67N			<5
L68W-52S			<5	L64W-66N			<5
L68W-53S			<5	L64W-65N			<5
L68W-54S			7	L64W-64N			<5
L68W-55S			6	L64W-63N			7
L68W-56S			<5	L64W-62N			<5
L68W-57S			<5	L64W-61N			<5
L68W-58S			<5	L64W-60N			<5
L68W-59S			<5	L64W-59N			<5
L68W-60S			<5	L60W-86+87N			<5
L68W-61S			<5	L60W-85N			<5
L68W-62S			<5	L60W-85N			<5
L68W-63S			6	L60W-84N			<5
L68W-64S			<5				
L68W-66S			<5	L60W-83N			<5
L68W-67S			7	L60W-82N			<5
L68W-68S			<5	L60W-81N			<5
L68W-70S			<5	L60W-80N			<5
L68W-71S			<5	L60W-79N			<5
L68W-72S			<5	L60W-78N			<5
L68W-73S			<5	L60W-77N			<5
L64W-87N			<5	L60W-76N			<5
L64W-86N			<5	L60W-75N			<5
L64W-85N			<5	L60W-74N			<5

REPORT: 068-52692.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt ons	SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt ons
L60W-73N			<5		L60W-29S A			<5	
L60W-72N			<5		L60W-29S B			<5	
L60W-71N			<5		L60W-29S C			<5	
L60W-70N			<5		L60W-30S			7	
L60W-69N			6		L60W-31S			<5	
L60W-68N			<5		L60W-35S			<5	
L60W-67N			<5		L60W-36S			6	
L60W-66N			<5		L60W-37S			14	
L60W-65N			<5		L60W-38S			9	
L60W-64N			<5		L60W-39S			7	
L60W-63N			<5		L60W-40S			12	
L60W-62N			<5		L60W-42S			8	
L60W-61N			17		L60W-44S			11	
L60W-60N			<5		L60W-45S			7	
L60W-59N			<5		L60W-51S			7	
L60W-58N			<5		L60W-52S			<5	
L60W-57N			<5		L60W-53S			<5	
L60W-1S			9		L60W-54S			10	
L60W-2S			11		L60W-55S			<5	
L60W-3S			<5		L60W-59S			6	
L60W-4S			<5		L60W-60S			<5	
L60W-06S			5		L60W-61S			<5	
L60W-07S			6		L60W-62S			<5	
L60W-08S			5		L60W-63S			<5	
L60W-09S			<5		L60W-64S			<5	
L60W-10S			<5		L60W-65S			<5	
L60W-11S			<5		L60W-68S			<5	
L60W-12S			<5		L60W-69S			<5	
L60W-13S			<5		L60W-70S			<5	
L60W-14S			<5		L60W-71S			<5	
L60W-15S			<5		L60W-72+75S			<5	
L60W-16S			<5		L56W-58S			<5	
L60W-17S			<5		L56W-59S			<5	
L60W-18S			<5		L56W-60S			<5	
L60W-21S			10		L56W-61S			<5	
L60W-22S			<5		L56W-62S			<5	
L60W-23S			<5		L56W-63S			<5	
L60W-24S			<5		L56W-64S			<5	
L60W-26S			6		L56W-65S			<5	
L60W-27S			6		L56W-66S			<5	

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# Geochemical Lab Report

REPORT: 088-52692.0

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt gns	SAMPLE NUMBER	ELEMENT UNITS	Au Rew PPB	Au PPB	Testwt gns
---------------	---------------	------------	--------	------------	---------------	---------------	------------	--------	------------

L56W-67S			<5						
L56W-68S			<5						
L56W-69S			<5						
L56W-70S			<5						
L56W-71S			5						

L56W-72S			<5						
L56W-72+75N			<5						

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Geochemical  
Lab Report

REPORT: 088-52766.0 ( COMPLETE )

CLIENT: KOALA RESOURCES  
PROJECT: NONE

REFERENCE INFO:

SUBMITTED BY: ERIC  
DATE PRINTED: 23-SEP-88

ORDER ELEMENT  
1 Au Gold

NUMBER OF ANALYSES 204  
LOWER DETECTION LIMIT 5 PPB  
EXTRACTION AQJA REGIA

METHOD  
FA-AA 8 IS on weight

SAMPLE TYPES NUMBER  
SOTL 204

SIZE FRACTIONS NUMBER  
-P0 204

SAMPLE PREPARATIONS NUMBER  
Dry. Sieve -BC 204

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~~INVOICES TO: W. FLORBERG GEOPHYSICS~~

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Geochemical  
 Lab Report

REPORT: 088-52766.D

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L44W-01S		<5	L44W-31S		<5
L44W-02S		<5	L44W-42S		26
L44W-03S		<5	L44W-43S		<5
L44W-04S		<5	L44W-44S		<5
L44W-05S		<5	L44W-45S		<5
L44W-06S		<5	L44W-46S		<5
L44W-07S		<5	L44W-47S		<5
L44W-08S		<5	L44W-48S		<5
L44W-09S		<5	L44W-49S		<5
L44W-10S		<5	L44W-49+75S		<5
L44W-11S		<5	L44W-53S		<5
L44W-12S		<5	L44W-54S		<5
L44W-13S		7	L44W-55S		<5
L44W-14S		<5	L44W-56S		<5
L44W-15S		<5	L44W-57S		<5
L44W-16S		11	L44W-59S		<5
L44W-17S		7	L44W-59S		<5
L44W-18S		<5	L44W-60S		<5
L44W-19S		16	L44W-61S		<5
L44W-20S		21	L44W-62S		8
L44W-21S		17	L44W-65S		<5
L44W-22S		18	L44W-65S		<5
L44W-23S		<5	L44W-66S		58
L44W-24S		<5	L44W-69S		<5
L44W-25S		<5	L44W-69S		<5
L44W-26S		<5	L44W-71S		<5
L44W-27S		<5	L44W-72S		<5
L44W-28S		<5	L44W-72+77S		<5
L44W-29S		<5	L40W-01S		<5
L44W-30S		<5	L40W-02S		<5
L44W-31S		<5	L40W-03S		<5
L44W-32S		8	L40W-04S		<5
L44W-33S		<5	L40W-05S		<5
L44W-34S		<5	L40W-06S		<5
L44W-35S		<5	L40W-07S		<5
L44W-36S		<5	L40W-08S		<5
L44W-37S		<5	L40W-09S		<5
L44W-38S		<5	L40W-10S		<5
L44W-39S		<5	L40W-11S		<5
L44W-40S		<5	L40W-12S		<5

PROJECT: NONE

PAGE 1



Doudar Clegg & Company Ltd.  
 5420 Cannock Row  
 Ottawa, Ontario  
 K1T 2A5  
 (613) 749-0221 Telex (853-323)



Geochemical  
 Lab Report

REPORT: CPB-52766.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L40W-13S		<5	L40W-59S		<5
L40W-14S		<5	L40W-60S		<5
L40W-15S		<5	L40W-61S		<5
L40W-16S		<5	L40W-62S		<5
L40W-17S		<5	L40W-63S		<5
L40W-18S		<5	L40W-64S		<5
L40W-22S		<5	L40W-65S		<5
L40W-23S		<5	L40W-66S		<5
L40W-24S		<5	L40W-67S		<5
L40W-25S		<5	L40W-68S		<5
L40W-26S		6	L40W-69S		<5
L40W-27S		<5	L40W-70S		<5
L40W-28S		67	L40W-71S		<5
L40W-29S		<5	L40W-72S		<5
L40W-30S		<5	L40W-73S		<5
L40W-31S		<5	L40W-75S		<5
L40W-32S		<5	L40W-76S		<5
L40W-33S		<5	L40W-77S		<5
L40W-34S		<55	L40W-78S		<5
L40W-35S		<5	L40W-79S		<5
L40W-36S		<5	L36W-1S		<5
L40W-37S		<5	L36W-6S		<5
L40W-38S		<5	L36W-7S		<5
L40W-39S		11	L36W-09S		<5
L40W-40S		<5	L36W-10S		<5
L40W-41S		<5	L36W-11S		<5
L40W-42S		<5	L36W-12S		<5
L40W-43S		<5	L36W-13S		<5
L40W-44S		<5	L36W-14S		<5
L40W-45S		<5	L36W-15S		<5
L40W-46S		<5	L36W-16S		<5
L40W-47S		<5	L36W-17S		<5
L40W-48S		<5	L36W-18S		<5
L40W-49S		<5	L36W-19S		<5
L40W-51S		<5	L36W-20S		<5
L40W-52S		<5	L36W-21S		<5
L40W-54S		6	L36W-22S		<5
L40W-55S		<5	L36W-23S		<5
L40W-57S		<5	L36W-24S		<5
			L36W-25S		<5

FROM BONDAR CLEGG

9.26.1988 15:50

Bondar-Clegg & Company Ltd.  
 500 Chumuck Road  
 Ottawa, Ontario  
 K1J 8K5  
 (613) 740 2220 Telex 053-1933



Geochemical  
 Lab Report

REPORT: 088-52766.D

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	AN PPM	SAMPLE NUMBER	ELEMENT UNITS	AN PPM
L36W-26S		<5	L36W-76S		4
L36W-27S		<5	L36W-76S		6
L36W-29S		<5	L36W-77S		8
L36W-30S		<5	L36W-78S		6
L36W-35S		<5			
L36W-34S		<5			
L36W-35S		<5			
L36W-36S		<5			
L36W-37S		<5			
L36W-38S		<5			
L36W-39S		<5			
L36W-40S		<5			
L36W-41S		<5			
L36W-42S		<5			
L36W-43S		<5			
L36W-44S		<5			
L36W-45S		<5			
L36W-46S		<5			
L36W-47S		<5			
L36W-48S		<5			
L36W-49S		<5			
L36W-50S		<5			
L36W-52S		<5			
L36W-53S		<5			
L36W-54S		<5			
L36W-55S		<5			
L36W-59S		<5			
L36W-60S		<5			
L36W-61S		<5			
L36W-62S		<5			
L36W-64S		7			
L36W-65S		<5			
L36W-66S		<5			
L36W-67S		<5			
L36W-69S		<5			
L36W-70S		<5			
L36W-71S		<5			
L36W-72S		<5			
L36W-73S		10			
L36W-74S		6			

Bondar-Clegg & Company Ltd.  
5420 Canotek Road  
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K1J 8X5  
(613) 749-2777 Telex 053-3233



Geochemical  
Lab Report

REPORT: 088-52691.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 26-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	280	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	Au Rew Au Reweighs	7	1 PPB		
3	Testwt Fire Assay Test Wt.	4	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	280	-60	280	Dry Sieve -60	280

REMARKS: SAMPLE L43W 1S WAS RECEIVED EXTRA.  
< MEANS LESS THAN.

REPORT COPIES TO: H. FERDERBER GEOPHYSICS  
FAX TO -R. FERDERBER

INVOICE TO: H. FERDERBER GEOPHYSICS

REPORT: 088-52691.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	AU Rew PPB	TESTWT QTS	SAMPLE NUMBER	ELEMENT UNITS	AU PPB	AU Rew PPB	TESTWT QTS
L4W-52N		9			L40W-67N		<5		
L4W-52+97N		8			L40W-66N		9		
L4W-51N		6			L40W-65N		5		
L4W-50N		6			L40W-64N		6		
L4W-49N		<5			L40W-63N		6		
L4W-48N		24			L40W-62N		8		
L4W-47N		7			L40W-61N		5		
L4W-45N		5			L40W-59N		6		
L4W-44N		20			L40W-58N		8		
L4W-43N		8			L40W-57N		10		
L4W-42N		6			L40W-56N		5		
L4W-40N		5			L44W-99+17N		5		
L4W-39N		6			L44W-98N		15		
L4W-38N		6			L44W-97N		8		
L4W-37N		8			L44W-96N		5		
L4W-35N		6			L44W-94+46N		<5		
L4W-34N		7			L44W-93N		6		
L4W-32N		7			L44W-92N		7		
L4W-30N		8			L44W-91N		<17		
L40W-98N		6			L44W-90N		<26		
L40W-97N		5			L44W-89N		<17		
L40W-96N		12			L44W-88N		29		
L40W-95N		5			L44W-87N		<5		
L40W-94N		5			L44W-86N		8		
L40W-89N		7			L44W-85N		<5		
L40W-88N		6			L44W-84N		13		
L40W-87N		6			L44W-83N		<5		
L40W-86N		7			L44W-82N		<5		
L40W-85N		5			L44W-81N		<5		
L40W-84N		6			L44W-80N		<5		
L40W-81N		7			L44W-79N		5		
L40W-80N		6			L44W-76+50N		<5		
L40W-79N		5			L44W-75N		<5		
L40W-78N		5			L44W-70N		<5		
L40W-77N		6			L44W-66N		<5		
L40W-74N		<5			L44W-55N		<5		
L40W-73N		<5			L44W-52N		<5		
L40W-72N		7			L44W-59N		<5		
L40W-70N		<5			L44W-56N		<5		
L40W-68N		<5			L44W-57N		<5		

REPORT: 068-52691.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Testwt ons	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Testwt ons
L48W-97N		5			L48W-65S		6		
L48W-94N		<5			L48W-86S		5		
L48W-92N		<5			L48W-10S		6		
L48W-91N		6			L48W-11S		8		
L48W-90N		<5			L48W-12S		7		
L48W-89N		<5			L48W-13S		7		
L48W-88N		<5			L48W-14S		8		
L48W-87N		<5			L48W-15S		6		
L48W-86N		<5			L48W-16S		6		
L48W-85N		<5			L48W-17S		6		
L48W-84N		5			L48W-19S		6		
L48W-83N		6			L48W-20S		<5		
L48W-82N		5			L48W-21S		33	<13	4.00
L48W-81N		<5			L48W-22S		6		
L48W-80N		<5			L48W-23S		9		
L48W-78N		<5			L48W-25S		6		
L48W-77N		<5			L48W-26S		134		
L48W-76N		7			L48W-27S		22		
L48W-75N		5			L48W-28S		<5		
L48W-74N		6			L48W-29S		5		
L48W-73N		5			L48W-30S		11		
L48W-72N		<5			L48W-31S		5		
L48W-70N		<5			L48W-32S		<5		
L48W-69N		7			L48W-33S		<5		
L48W-68N		5			L48W-34S		9		
L48W-65N		<5			L48W-35S		<5		
L48W-64N		<5			L48W-36S		6		
L48W-63N		8			L48W-37S		6		
L48W-62N		6			L48W-47S		<5		
L48W-61N		<5			L48W-48S		14		
L48W-60N		7			L48W-49S		16		
L48W-59N		9			L48W-50S		12		
L48W-58N		8			L48W-54S		<5		
L48W-57N		10			L48W-55S		<5		
L48W-56+30N		<5			L48W-57S		<5		
L48W-1S		9			L48W-56S		98	<13	4.00
L48W-2S		9			L48W-59S		<5		
L48W-3S		9			L48W-60S		5		
L48W-4S		7			L48W-61S		8		
L48W-5S		6			L48W-62S		7		

REPORT: 088-52691.0

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	TestWt qrs	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	TestWt qrs
L48W-63S		<5			L56W-85N		<5		
L48W-64S		7			L56W-84N		<5		
L48W-65S		5			L56W-83N		<5		
L48W-66S		<5			L56W-82N		<5		
L48W-68S		<5			L56W-81N		<5		
L46W-69S		<5			L56W-80N		<5		
L46W-70S		<5			L56W-79N		<5		
L48W-72S		<5			L56W-78N		<5		
L52W-87N		<5			L56W-77N		5		
L52W-85N		5			L56W-76N		<5		
L52W-84N		<5			L56W-75N		<5		
L52W-83N		6			L56W-74N		5		
L52W-82N		<5			L56W-73N		<5		
L52W-81N		6			L56W-72N		<5		
L52W-80N		7			L56W-71N		<5		
L52W-79N		8			L56W-70N		<5		
L52W-78N		<5			L56W-69N		<5		
L52W-77N		<5			L56W-68N		<5		
L52W-76N		6			L56W-67N		5		
L52W-75N		<5			L56W-66N		<5		
L52W-74N		<5			L56W-65N		9		
L52W-73N		<5			L56W-64N		11		
L52W-72N		<5			L56W-63N		6		
L52W-71N		<5			L56W-62N		5		
L52W-70N		<5			L56W-61N		8		
L52W-69N		9			L56W-60N		10		
L52W-68N		8			L56W-59N		5		
L52W-67N		<5			L56W-58N		9		
L52W-66N		5			L56W-57N		10		
L52W-65N		<5			L56W-01S		8		
L52W-64N		<5			L56W-02S		5		
L52W-63N		<5			L56W-03S		10		
L52W-62N		12			L56W-04S		7		
L52W-61N		<5			L56W-05S		7		
L52W-60N		<5			L56W-06S		7		
L52W-59N		5			L56W-07S		6		
L52W-58N		<5			L56W-08S		8		
L52W-57N		<5			L56W-09S		9		
L56W-87N		13			L56W-10S		7		
L56W-86N		53	7		L56W-11S		11		

REPORT: 088-52691.0

PROJECT: NONE

PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Testwt gms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Testwt gms
L55W-11S P02		11							
L56W-12S		10							
L55W-13S		81	<5						
L56W-14S		8							
L56W-15S		18							
L56W-16S		9							
L56W-17S		6							
L56W-18S		5							
L56W-19S		5							
L56W-20S		6							
L56W-21S		9							
L56W-22S		8							
L56W-23S		7							
L56W-24S		5							
L56W-25S		6							
L56W-26S		<5							
L56W-27S		8							
L56W-28S		<5							
L56W-29S		<5							
L56W-30S		<5							
L55W-31S		<5							
L56W-32S		6							
L55W-33S		7							
L56W-34S		<5							
L56W-35S		7							
L56W-36S		6							
L55W-37S		<5							
L56W-38S		<6		8.00					
L56W-39S		<5							
L56W-40S		15	11						
L55W-41S		9	6						
L56W-42S		<5							
L56W-43S		6							
L56W-44S		<5							
L56W-49S		<5							
L56W-53S		<5							
L56W-54S		32	14						
L56W-55S		<5							
L56W-56S		<6		8.00					
L56W-57S		6							

Bondar-Clegg & Company Ltd.  
5420 Canotek Road  
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(613) 749- Telex 053-3233



# Geochemical Lab Report

REPORT: 088-52767.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: MURE

SUBMITTED BY: ERIC  
DATE PREPARED: 28-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	AU G <sup>o</sup> g	260	5 PPB	AQUA REGIA	FA-AA @ 10 g weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOL	260	-80	260	Dry Sieve -80	260

REPORT COPIES TO: M. FERDERBER GEOPHYSICS

INVOICE TO: M. FERDERBER GEOPHYSICS

FAX TO MR. FERDERBER



REPORT: 088-52767.0

PROJECT: N045

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L32W-01S		6	L32W-50S		<5
L32W-02S		8	L32W-51S		<5
L32W-03S		6	L32W-52S		9
L32W-04S		9	L32W-54S		<5
L32W-05S		<5	L32W-55S		<5
L32W-06S		<5	L32W-57S		5
L32W-07S		8	L32W-63S		<5
L32W-08S		19	L32W-64S		9
L32W-09S		12	L32W-65S		<5
L32W-10S		22	L32W-67S		<5
L32W-11S		10	L32W-73S		<5
L32W-12S		9	L32W-75S		8
L32W-13S		22	L32W-76S		<5
L32W-14S		<8	L32W-77S		16
L32W-15S		<5	L32W-78S		6
L32W-16S		8	L28W-01S		<5
L32W-17S		<5	L28W-02S		<5
L32W-18S		<5	L28W-03S		9
L32W-19S		<5	L28W-04S		10
L32W-20S		18	L28W-05S		5
L32W-21S		<8	L28W-06S		24
L32W-22S		<5	L28W-07S		8
L32W-23S		<5	L28W-08S		12
L32W-24S		19	L28W-09S		6
L32W-25S		10	L28W-10S		<5
L32W-26S		<5	L28W-11S		<5
L32W-27S		18	L28W-12S		5
L32W-31S		9	L28W-13S		24
L32W-32S		<5	L28W-14S		19
L32W-33S		5	L28W-15S		14
L32W-34S		10	L28W-16S		7
L32W-36S		5	L28W-17S		20
L32W-37S		5	L28W-18S		17
L32W-40S		19	L28W-19S		12
L32W-41S		15	L28W-21S		9
L32W-42S		16	L28W-22S		8
L32W-43S		13	L28W-23S		11
L32W-44S		15	L28W-25S		10
L32W-45S		<5	L28W-26S		11
L32W-46S		6	L28W-27S		8

REPORT: 018-52767.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L28W-285		9	L24W-185		28
L28W-295(A)		7	L24W-185(A)		14
L28W-295(B)		<5	L24W-185(B)		21
L28W-315		6	L24W-185		19
L28W-325		6	L24W-185		11
L28W-335		5	L24W-185		5
L28W-345		9	L24W-185		13
L28W-355		9	L24W-185		17
L28W-365		<5	L24W-195		10
L28W-375		6	L24W-205		6
L28W-385		11	L24W-215		<5
L28W-395		<5	L24W-225		13
L28W-415(A)		10	L24W-235		<5
L28W-415(B)		6	L24W-245		<5
L28W-445		<5	L24W-255		8
L28W-465		12	L24W-265		51
L28W-475		10	L24W-275		<5
L28W-485		6	L24W-285		<5
L28W-495		12	L24W-305		15
L28W-515		12	L24W-325		10
L28W-535		12	L24W-335		11
L28W-545		8	L24W-345		9
L28W-555		16	L24W-355		6
L28W-575(A)		<5	L24W-365		12
L28W-575(B)		12	L24W-375		18
L28W-595		16	L24W-385		<5
L28W-605		6	L24W-395		185
L28W-705		<5	L24W-405		12
L28W-715		<5	L24W-415		<5
L28W-725		11	L24W-425		<5
L28W-735		<5	L24W-435		<8
L28W-755		9	L24W-445		<5
L28W-765		<5	L24W-455		10
L28W-775		<5	L24W-465		<5
L28W-785		8	L24W-495(A)		9
L28W-795		9	L24W-495(B)		7
L28W-805		12	L24W-505		8
L24W-075		24	L24W-515		16
L24W-085		19	L24W-525		7
L24W-095		10	L24W-535(A)		9

REPORT: 068-52767.0

PROJECT: ADGE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L24W-535(B)		15	L20W-165		<5
L24W-545		10	L20W-175		<5
L24W-555		8	L20W-185		<5
L24W-565		6	L20W-195		36
L24W-575		11	L20W-205		5
L24W-585		15	L20W-215		<5
L24W-595		12	L20W-225		<5
L24W-605		11	L20W-235		<5
L24W-615		21	L20W-245		<5
L24W-625		9	L20W-255		<5
L24W-635		8	L20W-275		6
L24W-645		8	L20W-285		<5
L24W-655		11	L20W-295		<5
L24W-665		15	L20W-305		<5
L24W-675		9	L20W-315		<5
L24W-685		20	L20W-325		<5
L24W-695		57	L20W-335		<5
L24W-715		11	L20W-33-505		<5
L24W-725		32	L20W-355		<5
L24W-735		124	L20W-365		<5
L24W-745		<5	L20W-375		23
L24W-755		<5	L20W-385		13
L24W-765		<5	L20W-395		8
L24W-775		<5	L20W-405		5
L24W-785		11	L20W-415		9
L20W-015		<5	L20W-425		8
L20W-025		<5	L20W-435		7
L20W-035		<5	L20W-445		7
L20W-045		<5	L20W-455		26
L20W-055		<5	L20W-465		14
L20W-065		5	L20W-485		9
L20W-075		5	L20W-495		9
L20W-085		8	L20W-505		9
L20W-095		7	L20W-515		12
L20W-105		17	L20W-525		12
L20W-115		7	L20W-535		9
L20W-125		20	L20W-545		13
L20W-135		<5	L20W-555		8
L20W-145		<5	L20W-565		16
L20W-155		<5	L20W-575		12



Bondar-Clegg & Company Ltd.  
70 Cancielk Road  
Ottawa, Ontario  
K1J 8X5  
(313) 749-2220 (513) 553-3233



# Geochemical Lab Report

REPORT: 088-52768.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 26-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	221	5 PPB	AQUA REGIA	FA-AA 400 mg weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	221	-80	221	Dry Sieve -80	221

REPORT COPIES TO: J. FERDERBER GEOPHYSICS  
FAX TO MR. FERDERBER

INVOICE TO: J. FERDERBER GEOPHYSICS

REPORT: 089-52768.G

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPS	SAMPLE NUMBER	ELEMENT UNITS	AU PPS
L16W-01S		25	L16W-47S		<5
L16W-02S		<5	L16W-48S		9
L16W-03S		<5	L16W-49S		<5
L16W-04S		<5	L16W-50S		<5
L16W-05S		5	L16W-51S		<5
L16W-06S		<5	L16W-52S		5
L16W-07S		<5	L16W-52+75S		<5
L16W-08S		<5	L16W-54S		<5
L16W-09S		<5	L16W-55S		<5
L16W-10S		6	L16W-56S		<5
L16W-11S		<5	L16W-57S		10
L16W-12S		<5	L16W-58S		<5
L16W-13S		<5	L16W-59S		<5
L16W-15S		<5	L16W-60S		5
L16W-16S		<5	L16W-61S		<5
L16W-17S		<5	L16W-62S		5
L16W-18S		8	L16W-63S		5
L16W-20S		<5	L16W-64S		7
L16W-21S		<5	L16W-65S		<5
L16W-22S		<5	L16W-66S		<5
L16W-23S		<5	L16W-67S		7
L16W-25S		<5	L16W-68S		<5
L16W-26S		<5	L16W-69S		<5
L16W-27S		<5	L16W-70S		6
L16W-30S		<5	L16W-71S		<5
L16W-31S		<5	L16W-72S		<5
L16W-32S		<5	L16W-76S		<5
L16W-33S		<5	L16W-77S		7
L16W-34S		<5	L16W-78S		<5
L16W-35S		<5	L16W-79S		<5
L16W-36S		<5	L16W-81S		<5
L16W-37S		3	L16W-82S		<5
L16W-38S		<5	L16W-83S		<5
L16W-40S		<5	L16W-84S		<5
L16W-41S		<5	L16W-85S		<5
L16W-42S		<5	L16W-86S		<5
L16W-43S		<5	L16W-87S		<5
L16W-44S		<5	L16W-88S		<5
L16W-45S		<5	L16W-89S		<5
L16W-46S		<5	L16W-90S		<5

REPORT: 088-52768.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	SAMPLE NUMBER	ELEMENT UNITS	AU PPB
L12W-135		<5	L12W-535		<5
L12W-155		<5	L12W-575		<5
L12W-165		<5	L12W-595		<5
L12W-175		<5	L12W-595		<5
L12W-185		<5	L12W-605		<5
L12W-195		<5	L12W-615		<5
L12W-205		<5	L12W-625		<5
L12W-225		<5	L12W-655		<5
L12W-235		<5	L12W-645		<5
L12W-245		<5	L12W-655		<5
L12W-255		<5	L12W-665		<5
L12W-275		<5	L12W-675		<5
L12W-285		<5	L12W-685		<5
L12W-295		<5	L12W-695		<5
L12W-305		<5	L12W-715		<5
L12W-315		<5	L12W-725		<5
L12W-335		<5	L12W-735		<5
L12W-345		<5	L12W-745		<5
L12W-355		<5	L12W-755		<5
L12W-365		<5	L12W-765		<5
L12W-375		<5	L12W-775		<5
L12W-385		<5	L12W-785		<5
L12W-395		<5	L12W-795		<5
L12W-405		<5	L8W-035		<5
L12W-415		<5	L8W-035		<5
L12W-425		<5	L8W-035		<5
L12W-435		<5	L8W-045		<5
L12W-445		<5	L8W-155		<5
L12W-455		<5	L8W-155		<5
L12W-465		<5	L8W-075		<5
L12W-475		<5	L8W-035		<5
L12W-485		<5	L8W-095		<5
L12W-495		<5	L8W-105		<5
L12W-505		<5	L8W-115		<5
L12W-515		<5	L8W-125		<5
L12W-525		<5	L8W-135		<5
L12W-52+655		<5	L8W-145		<5
L12W-535		<5	L8W-155		<5
L12W-545		<5	L8W-165		<5
L12W-555		<5	L8W-175		<5

REPORT: 088-52768.0

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	AU PPM	SAMPLE NUMBER	ELEMENT UNITS	AU PPM
L8W-18S		<5	L8W-55S		<5
L8W-19S		<5	L8W-60S		<5
L8W-20S		<5	L8W-61S		<5
L8W-21S		<5	L8W-62S		<5
L8W-22S		<5	L8W-63S		<5
L8W-23S		10	L8W-64S		<5
L8W-24S		7	L8W-65S		<5
L8W-25S		<5	L8W-66S		<5
L8W-27S		<5	L8W-67S		<5
L8W-28S		<5	L8W-68S		<5
L8W-29S		<5	L8W-69S		<5
L8W-30S		7	L8W-70S		<5
L8W-31S		<5	L8W-71S		<5
L8W-32S		<5	L8W-72S		<5
L8W-33S		<5	L8W-73S		<5
L8W-33+84S		<5	L8W-74S		<5
L8W-35S		7	L8W-75S		<5
L8W-36S		<5	L8W-76S		<5
L8W-37S		<5	L8W-77S		<5
L8W-33S		<5	L8W-78S		<5
L8W-39S		24	L8W-79S		<5
L8W-40S		<5			
L8W-41S		<5			
L8W-42S		<5			
L8W-43S		<5			
L8W-44S		<5			
L8W-45S		<5			
L8W-46S		<5			
L8W-47S		<5			
L8W-48S		<5			
L8W-49S		<5			
L8W-50S		<5			
L8W-51S		<5			
L8W-52S		<5			
L8W-52+66S		<5			
L8W-53S		<5			
L8W-54S		<5			
L8W-55S		<5			
L8W-57S		<5			
L8W-59S		<5			



Bondar-Clegg & Company Ltd.  
420 Canote's Road  
Ottawa, Ontario  
K1J 8X5  
(613) 749-2220 (053-3233)



# Geochemical Lab Report

REPORT: 088-52769.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: KOALA RESOURCES  
PROJECT: NONE

SUBMITTED BY: ERIC  
DATE PRINTED: 30-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	146	5 PPB	AQUA REGIA	FA-AA @ 10 on weight
2	Testwt Fire Assay Test Wt.	50	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	146	-80	146	Drv.Sieve -80	146

REPORT COPIES TO: H. FERDERBER GEOPHYSICS  
FAX TO MR. FERDERBER

INVOICE TO: H. FERDERBER GEOPHYSICS

Bondar-Clegg & Company Ltd.  
 5420 Capwell Road  
 Ottawa, Ontario  
 K1J 8X5  
 (613) 749-2220 Telex 053-3233



Geochemical  
 Lab Report

REPORT: 089-52769.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt qms	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt qms
L4W-27N		<5	10.00	L4W-23S		<10	5.10
L4W-26N		22	5.40	L4W-24S		<179	0.28
L4W-24N		<6	9.46	L4W-26S		<6	9.93
L4W-23N		<7	7.34	L4W-27S		<10	4.81
L4W-22N		34	2.63	L4W-28S		8	
L4W-21N		12	10.00	L4W-30S		6	
L4W-20N		<8	6.13	L4W-32S		<5	
L4W-19N		<8	6.09	L4W-33S		<5	
L4W-18N		<7	7.58	L4W-37S		<5	
L4W-17N		13	7.71	L4W-38S		38	
L4W-15N		<8	6.58	L4W-39S		<5	
L4W-14N		<16	3.13	L4W-40S		5	
L4W-13N		<5	1.00	L4W-41S		7	
L4W-12N		<8	5.98	L4W-42S		10	
L4W-11N		<5	10.00	L4W-43S		7	
L4W-10N		<5	10.00	L4W-44S		<5	
L4W-09N		<5	10.00	L4W-45S		5	
L4W-08N		<9	5.29	L4W-46S		6	
L4W-07N		<12	4.33	L4W-47S		<5	
L4W-06N		5	10.00	L4W-48S		10	
L4W-05N		7	10.00	L4W-49S		<5	
L4W-04N		<7	7.07	L4W-50S		<5	
L4W-03N		<7	7.39	L4W-51S		<5	
L4W-8L0		<13	3.77	L4W-52S		8	8.00
L4W-1S		<17	2.86	L4W-53S		<5	
L4W-2S		6	8.24	L4W-54S		<5	
L4W-05S		8	10.00	L4W-56S		5	
L4W-06S		<6	8.42	L4W-57S		<5	
L4W-07S		<5	10.00	L4W-58S		<5	
L4W-08S		<5	10.00	L4W-60S		<5	
L4W-09S		<10	5.82	L4W-61S		6	
L4W-10S		<5	10.00	L4W-62S		<7	7.00
L4W-11S		<6	9.94	L4W-63S		<5	
L4W-12S		<7	6.57	L4W-64S		<5	
L4W-15S		<7	7.78	L4W-65S		<5	
L4W-16S		<5	10.00	L4W-66S		<5	
L4W-17S		<5	10.00	L4W-67S		<5	
L4W-18S		<5	10.00	L4W-68S		<5	
L4W-20S		<21	2.34	L4W-69S		<5	
L4W-22S		<5	10.00	L4W-70S		<5	

Bondar-Clegg & Company Ltd.  
 5420 Carleton Road  
 Ottawa, Ontario  
 K1J 8X5  
 (613) 749-2220 Telex 053-3233



Geochemical  
 Lab Report

REPORT: 088-52769.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt ons	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testwt ons
L4W-71S		<5		LOW-51S		<5	
L4W-73S		<5		LOW-52S		6	8.00
L4W-74S		<5		LOW-53S		<5	
L4W-75S		<5		LOW-54S		<5	
LOW-4S		<5		LOW-55S		<5	
LOW-11S		<5		LOW-56S		<5	
LOW-12S		<5		LOW-57S		<5	
LOW-14S		<5		LOW-58S		<10	5.00
LOW-15S		<10	5.00	LOW-60S		<5	
LOW-17S		12		LOW-61S		<5	
LOW-18S		7		LOW-62S		<10	5.00
LOW-19S		5		LOW-63S		<5	
LOW-20S		8		LOW-64S		<5	
LOW-21S		<5		LOW-65S		<5	
LOW-21+87S		38		LOW-66S		8	
LOW-24S		16		LOW-67S		<5	
LOW-25S		<5		LOW-68S		<5	
LOW-26S		<5		LOW-69S		5	
LOW-29S		13		LOW-70S		7	
LOW-30S		12		LOW-71S		<5	
LOW-31S		42		LOW-72S		<5	
LOW-32S		13		LOW-75S		<5	
LOW-33S		5		LOW-76S		<5	
LOW-34S		9		LOW-77S		<5	
LOW-35S		<5		LOW-78S		<5	
LOW-36S		7		LOW-79S		10	
LOW-37S		<5					
LOW-38S		<5					
LOW-39S		7					
LOW-40S		<5					
LOW-41S		<5					
LOW-42S		<5					
LOW-43S		<5					
LOW-44S		<5					
LOW-45S		<5					
LOW-46S		<5					
LOW-47S		<5					
LOW-48S		<5					
LOW-49S		<5					
LOW-50S		<5					





Ministry of Northern Development and Mines

Report of Work  
(Geophysical, Geological, Geochemical and Expenditures)

Instructions: - Please type or print.  
- If number of mining claims traversed exceeds space on this form, attach a list.  
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.  
- Do not use shaded areas below.

DOCUMENT No.  
**W8805-157** Not

Nov. 12

Mining Act

Type of Survey(s) **Geochemical Survey and Line cutting** Township or Area **(Wawa) Pukaskwa River Area**

Claim Holder(s) **Brian Murray (in trust)** **2.11809** Prospector's Licence No. **A 45651**

Address **c/o Wainman and Kydd**  
**55 Adelaide-St. East, Suite 200, Toronto, Ontario M5C 1K6**

Survey Company **H. Ferderber Geophysics Ltd.** Date of Survey (from & to) **25 06 88** to **24 08 88** Total Miles of line Cut **169.85**

Name and Address of Author (of Geo-Technical report)  
**G.N. Henriksen, 169 Perreault Ave, Val d'Or, Quebec J9P 2H1**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	<b>40*</b>
Man Days	Geophysical	Days per Claim
Complete reverse side and of SAULT STE MARIE MINING DIV	- Electromagnetic	
<b>RECEIVED</b> <b>SEP 23 1988</b> A.M. 7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5 P.M. 6, 7, 8, 9, 10, 11, 12	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
SSM	691660	24.3	SSM	691776	18.0
	691669	24.3		691777	18.0
	691678	24.3		691778	24.4
	691679	24.3		691779	24.4
	691680	24.4		691780	24.9
	691681	24.4		691789	24.4
	691682	18.0		691790	24.4
	691683	18.0		691791	24.4
	691702	24.4		691792	18.0
	691703	24.4		691793	18.0
	691704	24.9		691795	18.0
	691705	24.4		691796	24.4
	691706	18.0		691797	24.4
	691707	24.4		691798	18.0
	691708	24.4			
	691758	24.4			
	691759	18.0			
	691760	18.0			
	691771	24.4			
	691772	24.4			
	691773	18.0			
	691774	18.0			
	691775	24.4			

Expenditures (excludes power stripping)

Type of Work Performed **Rock assays and soil analyses**

Performed on Claim(s) **Claims listed in Mining**

**Claims traversed**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 12302.21** ÷ **15** = **820.2** Total Days Credits

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

\* Some geochemical credits already approved. Credits applied have been adjusted accordingly.

Total number of mining claims covered by this report of work. **37**

Date **Sept. 15, 1988** Recorded Holder or Agency (Signature) **Harry Ferderber**

For Office Use Only

Total Days Cr. Recorded **1508.2** Date Recorded **Sept. 23/88** Mining Recorder **[Signature]**

Date Approved as Recorded **30 Jan 89** Branch Director **[Signature]**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **Harry Ferderber, 169 Perreault Ave., Val d'Or, Quebec J9P 2H1**

Date Certified **Sept 15, 1988** Certified by (Signature) **Harry Ferderber**

(M.L.)  
NOV.  
12



Ministry of  
Northern Development  
and Mines  
Ontario

Report of Work  
(Geophysical, Geological,  
Geochemical and Expenditures)

DOCUMENT No.  
W8805-156

Instructions: - Please type or print.  
- If number of mining claims traversed exceeds space on this form, attach a list.  
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.  
- Do not use shaded areas below.

Mining Act

Type of Survey(s) <b>Geological and Geochemical Surveys and Linecutting</b>	Township or Area <b>(Wawa) Pukaskwa River Area</b>
Claim Holder(s) <b>Brian Murray (in trust) 2.11809</b>	Prospector's Licence No. <b>A 45651</b>
Address <b>678 Wainman &amp; Kydd 55 Adelaide St. East, Suite 200 Toronto, Ontario M5C 1K6</b>	
Survey Company <b>H. Ferderber Geophysics Ltd.</b>	Date of Survey (from & to) Day   Mo.   Yr.   Day   Mo.   Yr. <b>25 06 88   24 08 88</b>
Name and Address of Author (of Geo-Technical report) <b>G.N. Henriksen 169 Perreault Ave., Val d'Or, Que. J9P 2H1</b>	Total Miles of line Cut <b>169.85</b>

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	40*
	Geochemical	20*
Man Days	Geophysical	Days per Claim
<div style="border: 1px solid black; padding: 5px;"> <p>SAULT STE. MARIE MINE DIV RECEIVED SEP 23 1988 A.M. 7:8/9/10/11/12/1/2/3/4/5/6 P.M.</p> </div>	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
SSM	691647	36.3	SSM	708429	36.2
	691648	36.2		708430	18.0
	691652	36.2		708431	36.2
	691653	36.2		708432	36.2
	691656	36.2		708433	18.0
	691657	36.2		708434	18.0
	691658	0.0			
	691661	36.2			
	691662	19.8			
	691663	36.2			
	691664	36.2			
	691665	36.2			
	691666	24.9			
	691667	0			
	691668	36.2			
	691684	18.0			
	691693	18.0			
	691694	36.2			
	691695	36.2			
	691696	36.2			
	691697	36.2			
	691761	36.2			
	691762	18.0			

**RECORDED**  
SEP 28 1988  
Receipt No. \_\_\_\_\_  
(mailed Sept. 16/88)

\* Some geological and geochemical credit already approved - Credit being applied have been adjusted accordingly

Expenditures (excludes power stripping)

Type of Work Performed  
**Rock assays and soil analyses**

Performed on Claim(s)  
**Claims listed in Mining**

**Claims traversed**

Calculation of Expenditure Days Credits

Total Expenditures	+	15	=	Total Days Credits
\$12609.29				840.5

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **29**

For Office Use Only		Mining Order
Total Days Cr. Recorded	Date Reported	
2104.6	Sept. 23/88	
	Date Reported at Recorder	
	Sept 27	

Date  
**Sept. 15, 1988**

Recorded Holder or Agent (Signature)  
*Harry Ferderber*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**Harry Ferderber, 169 Perreault Ave, Val d'Or, Quebec J9P 2H1**

Date Certified  
**Sept 15, 1988**

Certified by (Signature)  
*Harry Ferderber*



File \_\_\_\_\_

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT  
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT  
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological and Geochemical  
Township or Area Pukaskwa River Area  
Claim Holder(s) Brian Murray (in trust)  
  
Survey Company H. Ferderber Geophysics Ltd.  
Author of Report G.N. Henriksen  
Address of Author 169 Perreault Ave, Val d'Or, Quebec  
Covering Dates of Survey 25-06-88 to 24-08-88  
(linecutting to office)  
Total Miles of Line Cut 169.85

**MINING CLAIMS TRAVERSED**  
List numerically

SSM 691647 et. al.  
(prefix) (number)  
(see attached list)

**SPECIAL PROVISIONS  
CREDITS REQUESTED**

DAYS  
per claim

ENTER 40 days (includes  
line cutting) for first  
survey.

ENTER 20 days for each  
additional survey using  
same grid.

Geophysical  
-Electromagnetic \_\_\_\_\_  
-Magnetometer \_\_\_\_\_  
-Radiometric \_\_\_\_\_  
-Other \_\_\_\_\_  
Geological 40  
Geochemical 20

**AIRBORNE CREDITS** (Special provision credits do not apply to airborne surveys)

Magnetometer \_\_\_\_\_ Electromagnetic \_\_\_\_\_ Radiometric \_\_\_\_\_  
(enter days per claim)

DATE: Nov. 10, 1988 SIGNATURE: *Gordon Henriksen*  
Author of Report or Agent

Res. Geol. \_\_\_\_\_ Qualifications \_\_\_\_\_

**Previous Surveys**

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 29

If space insufficient, attach list

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken SSM 691647 et. al. (see attached list)

Total Number of Samples 1120

Type of Sample Soil  
(Nature of Material)

Average Sample Weight 2 lb

Method of Collection by spad & grub hoe

Soil Horizon Sampled B

Horizon Development enriched

Sample Depth 18 inches

Terrain rough - valleys and cliffs

Drainage Development southwest

Estimated Range of Overburden Thickness 0 to 20 feet

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis dry, sieve at -80 mesh

General \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ANALYTICAL METHODS

Values expressed in: per cent   
p. p. m.   
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others Au

Field Analysis (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Field Laboratory Analysis

No. (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Commercial Laboratory (1120 tests)

Name of Laboratory Bondar-Clegg and Company

Extraction Method Aqua Regia

Analytical Method FA-AA

Reagents Used \_\_\_\_\_

General \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



29 Mining claims traversed and Geochemically Sampled

SSM 691647	SSM 691684
691648	691693
691652	691694
691653	691695
691656	691696
691657	691697
691658	691761
691661	691762
691662	708429
691663	708430
691664	708431
691665	708432
691666	708433
691667	708434
691668	



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geochemical
Township or Area Pukaskwa River Area
Claim Holder(s) Brian Murray (in trust)
Survey Company H. Ferderber Geophysics Ltd.
Author of Report G.N. Henriksen
Address of Author 169 Perreault Ave., Val d'Or, Quebec
Covering Dates of Survey 25-06-88 to 24-08-88
Total Miles of Line Cut 169.85

MINING CLAIMS TRAVERSED
List numerically

SSM 691660 et. al.
(prefix) (number)
(see attached list)

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS per claim

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

- Geophysical
-Electromagnetic
-Magnetometer
-Radiometric
-Other
Geological
Geochemical 40

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Nov. 10, 1988 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. Qualifications

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS 37

If space insufficient, attach list

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken SSM 961660 et. al. (see attached list)

Total Number of Samples 1430

Type of Sample soil  
(Nature of Material)

Average Sample Weight 2 lb

Method of Collection by spad & grub hoe

Soil Horizon Sampled B

Horizon Development enriched

Sample Depth 18 inches

Terrain rough - valleys and cliffs

Drainage Development southwest

Estimated Range of Overburden Thickness 0 to 20 feet

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis \_\_\_\_\_  
dry, sieve at -80 mesh

General \_\_\_\_\_

ANALYTICAL METHODS

Values expressed in: per cent   
p. p. m.   
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others Au

Field Analysis (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Field Laboratory Analysis

No. (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Commercial Laboratory (1430 tests)

Name of Laboratory Bondar-Clegg and Company

Extraction Method Aqua Regia

Analytical Method FA-AA

Reagents Used \_\_\_\_\_

General \_\_\_\_\_

37 CLAIMS TRAVERSED AND GEOCHEMICALLY SAMPLED

SSM 691660  
691669  
691678  
691679  
691680  
691681  
691682  
691683  
691702  
691703  
691704  
691705  
691706  
691707  
691708  
691758  
691759  
691760  
691771

SSM 691772  
691773  
691774  
691775  
691776  
691777  
691778  
691779  
691780  
691789  
691790  
691791  
691792  
691793  
691795  
691796  
691797  
691798



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geochemical
Township or Area Pukaskwa River Area
Claim Holder(s) Gary Carnovale, Jules Anglehart Jr. and Barry Desbiens
Survey Company H. Ferderber Geophysics Ltd.
Author of Report G.N. Henriksen
Address of Author 169 Perreault Ave, Val d'Or, Quebec
Covering Dates of Survey 25-06-88 to 11-09-88
Total Miles of Line Cut 169.96

MINING CLAIMS TRAVERSED
List numerically

SSM 968440 et. al.
(prefix) (number)
(see attached list)

SPECIAL PROVISIONS
CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.
ENTER 20 days for each additional survey using same grid.

Geophysical
-Electromagnetic
-Magnetometer
-Radiometric
-Other
Geological
Geochemical 40

DAYS per claim

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Nov. 10, 1988 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. Qualifications

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS 32

If space insufficient, attach list

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken SSM 968440 et. al. (see attached list)

Total Number of Samples 1094

Type of Sample soil  
(Nature of Material)

Average Sample Weight 2 lb

Method of Collection by spad & grub hoe

Soil Horizon Sampled B

Horizon Development enriched

Sample Depth 18 inches

Terrain rough - valleys and cliffs

Drainage Development southwest

Estimated Range of Overburden Thickness 0 to 20 feet

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis dry, sieve at -80 mesh

General \_\_\_\_\_

ANALYTICAL METHODS

Values expressed in: per cent   
p. p. m.   
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others Au

Field Analysis (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Field Laboratory Analysis

No. (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Commercial Laboratory (1094 tests)

Name of Laboratory Bondar-Clegg and Company

Extraction Method Aqua Regia

Analytical Method FA-AA

Reagents Used \_\_\_\_\_

General \_\_\_\_\_

32 Mining Claims Traversed and Claims Sampled

SSM 968440  
968441  
968442  
968443  
968444  
968445  
  
970940  
970941  
970942  
970943  
991569  
991570  
991571  
991572  
991573  
991574

SSM 991575  
991576  
991591  
991592  
991593  
991594  
991595  
991596  
991597  
991598  
991599  
991600  
991601  
991602  
991603  
991605



Ontario

File \_\_\_\_\_

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT  
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT  
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological

Township or Area Pukaskwa River Area

Claim Holder(s) Gary Carnovale

Survey Company H. Ferderber Geophysics Ltd.

Author of Report G.N. Henriksen

Address of Author 169 Perreault Ave., Val d'Or, Quebec

Covering Dates of Survey 25-06-88 to 11-09-88  
(linecutting to office)

Total Miles of Line Cut 169.95

**MINING CLAIMS TRAVERSED**  
List numerically

SSM 968458  
.....  
(prefix) (number)

**SPECIAL PROVISIONS  
CREDITS REQUESTED**

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

**DAYS per claim**

Geophysical

-Electromagnetic \_\_\_\_\_

-Magnetometer \_\_\_\_\_

-Radiometric \_\_\_\_\_

-Other \_\_\_\_\_

Geological 40

Geochemical \_\_\_\_\_

**AIRBORNE CREDITS** (Special provision credits do not apply to airborne surveys)

Magnetometer \_\_\_\_\_ Electromagnetic \_\_\_\_\_ Radiometric \_\_\_\_\_  
(enter days per claim)

DATE: Nov. 10, 1988 SIGNATURE: [Signature]  
Author of Report or Agent

Res. Geol. \_\_\_\_\_ Qualifications \_\_\_\_\_

**Previous Surveys**

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 1

If space insufficient, attach list



2.11809

Mining Act

Survey(s) **Geochemical and line cutting** Township or Area **Pukaskwa River Area (Wauy)**

Claim Holder(s) **G. Carnovale, J Anglehart Jr?, B. Desbiens** Prospector's Licence No. **M21859, D19792, M23742**

Address **H. Ferderber Geophysics Ltd. 169 Perreault Ave., Val d'Or, Quebec J9P 2H1**

Survey Company **H. Ferderber Geophysics Ltd.** Date of Survey (from & to) **25 06 88 10 09 88** Total Miles of line Cut **169.95**

Name and Address of Author (of Geo-Technical report) **G.N. Henriksen**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	40

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED

DEC 7 1988

MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.
SSM	968440	19.0
	968441	19.0
	968442	19.0
	968443	19.0
	968444	19.0
	968445	19.0
	970940	19.0
	970941	19.0
	970942	19.0
	970943	19.0
	991569	19.0
	991570	19.0
	991571	19.0
	991572	19.0
	991573	19.0
	991574	19.0
	991575	19.0
	991576	19.0
	991591	19.0
	991592	19.0
	991593	20.0

Prefix	Mining Claim Number	Expend. Days Cr.
SSM	991596	19.0
	991597	19.8
	991598	19.0
	991599	19.0
	991600	19.0
	991601	19.0
	991602	19.0
	991603	19.0
	991605	19.0

RECEIVED  
NOV 18 1988  
A.M. 7:18

RECORDED  
NOV 18 1988  
Receipt No.

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
991593 OFFICE

JAN 30 1989

Total number of mining claims covered by this report of work. **32**

Expenditures (excludes power stripping)

Type of Work Performed **Soil sample geochemical analysis for Au.**

Performed on Claim(s) **see attached list**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 9161.82** ÷ **15** = **610.8** Total Days Credits

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded **1890.8** Date Recorded **Nov. 18 1988**

Date Approved as Recorded **Nov 18 1988** Mining Recorder *[Signature]*

Date **Nov. 9, 1988** Recorded Holder or Agent (Signature) *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **Harry Ferderber, 169 Perreault Ave., Val d'Or, Quebec, J9P 2H1**

Date Certified **November 9, 1988** Certified by (Signature) *[Signature]*



LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE  
BOURLAMAQUE ASSAY LABORATORIES LTD.

EN COMPTE AVEC  
IN ACCOUNT WITH

H. Ferderber Geophysics Ltd.  
169 ave. Perreault  
Val d'Or, Québec  
J9P 2H1

FACTURE  
INVOICE

DATE November 9, 1988

LF GM-308

Received on account for Koala Resources Limited

\$4180.00

*Received Payment*  
WITH THANKS

PAID

Bourlamaque Assy Office Reg'd

*Mary Louise Madon*

# H. FERDERBER GEOPHYSICS LTD.

3722

November 2, 1988

PAY TO THE ORDER OF Bondar-Clegg

29,893.32

SUM OF Twenty nine thousand eight hundred & ninety three--32 /100 DOLLARS

FOR ASSAY

H. FERDERBER GEOPHYSICS LTD.



Canadian Imperial Bank of Commerce  
26 & 7E  
VAL D'OR, QUEBEC J0P 1T1

PER *[Signature]*

⑈003722⑈ ⑆00191⑆010⑆ 44⑆01115⑈

PAID

PAID

BONDAR-CLEGG & COMPANY LTD.,  
5420 CANOTEK RD.  
GLOUCESTER, ONTARIO  
K1J 8X5

*[Signature]*

**RONNAR CLEGG & COMPANY, LTD.**  
 5420 CANOTEK RD.  
 GLOUCESTER, ONTARIO  
 K1J 8X5

STATEMENT OF ACCOUNT AS OF 10/20/1988

KDALA RESOURCES  
 169 FERREAU AVENUE  
 H FERDIERER GEOPHYSICS  
 VAL D'OR PQ  
 J9P 2H1

PAGE 1

003198

DATE	REFERENCE	AMOUNT
8/26/1988	0140910 INVOICE	2,775.00
8/26/1988	0140933 CREDIT MEMO	2,775.00-
8/26/1988	0140934 INVOICE	2,439.00
8/29/1988	0140968 INVOICE	1,951.20
8/30/1988	0141029 INVOICE	1,219.50
8/30/1988	0141030 INVOICE	1,219.50
8/31/1988	0141070 INVOICE	1,642.26
9/06/1988	0141224 INVOICE	2,883.69
9/16/1988	0141701 INVOICE	796.74
9/19/1988	0141741 INVOICE	1,999.98
9/20/1988	0141799 INVOICE	1,506.05
9/20/1988	0141800 INVOICE	2,473.50
9/20/1988	0141816 INVOICE	2,658.51
9/22/1988	0141885 INVOICE	2,299.25
9/23/1988	0141920 INVOICE	1,681.27
9/28/1988	0142061 INVOICE	2,113.80
9/28/1988	0142063 INVOICE	1,796.73
9/30/1988	0142184 INVOICE	1,186.98

0142944

26.36

**PAID**

*Christine Clarke*

CURRENT  
 21,396.50

FAST DUE  
 8,471.46

TOTAL  
 29,867.96

29,893.32

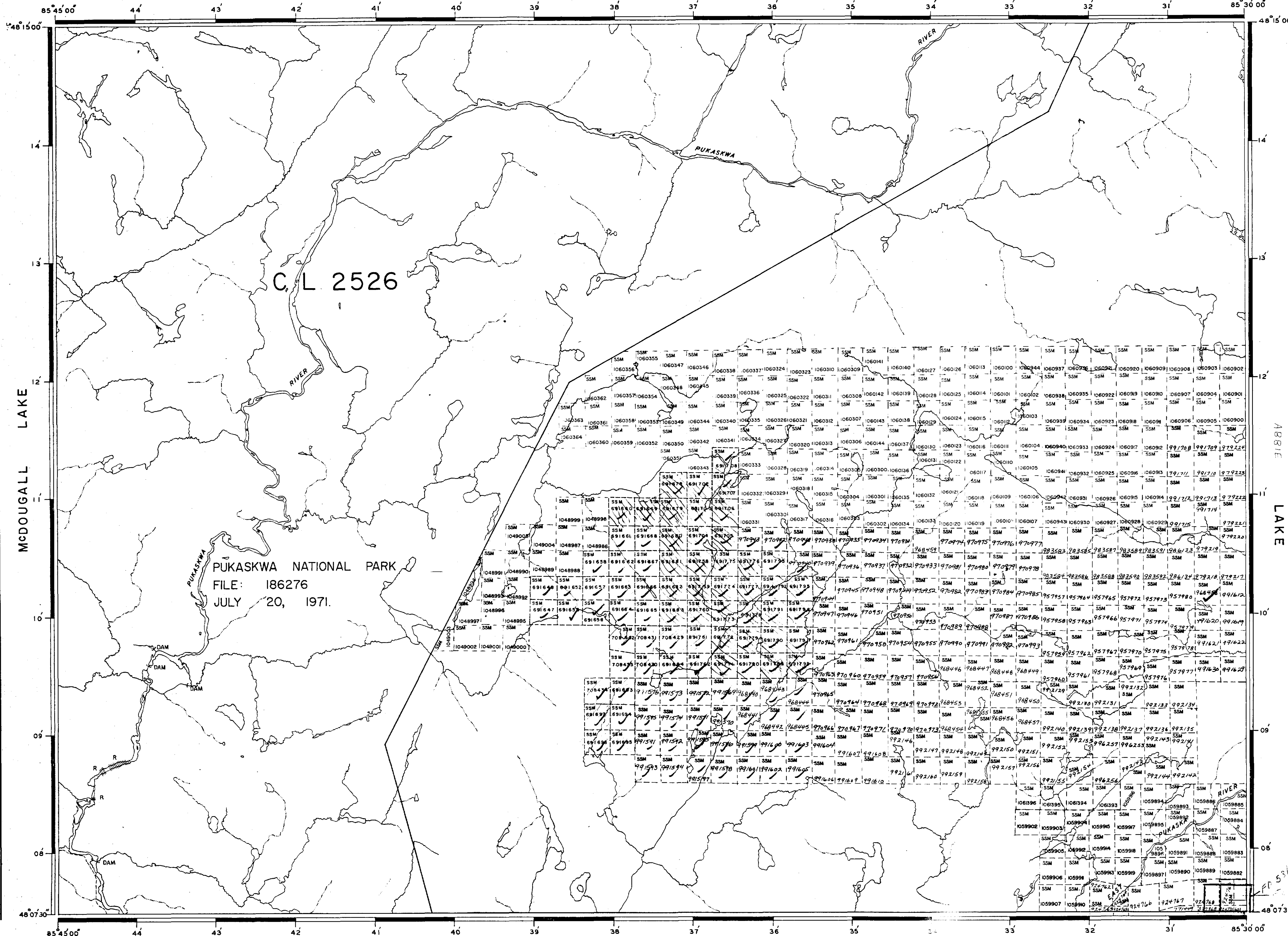
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

PINEI LAKE



LEGEND

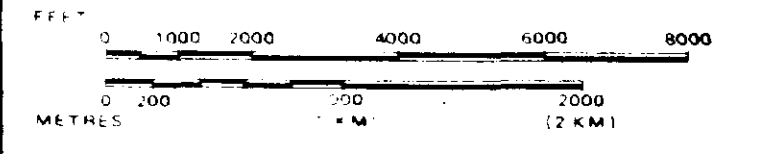
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKIEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



DATE OF ISSUE

JULY 23 1987

MADE BY

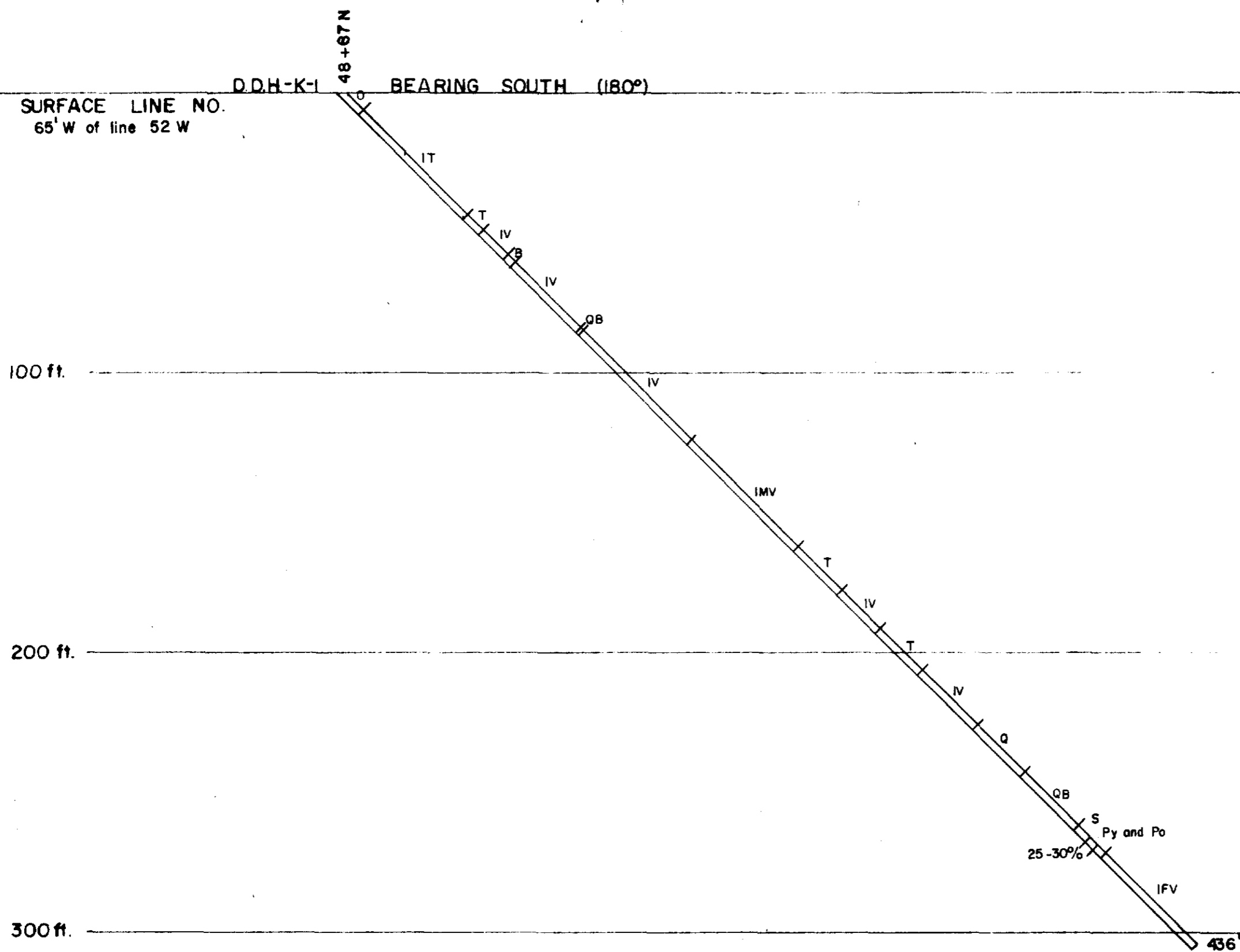
AREA  
**PUKASKWA RIVER**  
 M.N.R. ADMINISTRATIVE DISTRICT  
**WAWA**  
 MINING DIVISION  
**SAULT STE. MARIE**  
 LAND TITLES / REGISTRY DIVISION  
**ALGOMA**

Ministry of Natural Resources Ontario  
 Ministry of Northern Development and Mines

Date FEBRUARY, 1987 Number

G-3779





**LEGEND**

- O Overburden
- IT Intermediate tuff
- T Tuff
- IV Intermediate - mafic metavolcanics
- B Metabasalt
- QB Quartz - biotite - hornblende gneiss
- IMV Intermediate mafic metavolcanics
- Q Quartz - hornblende gneiss
- S Sulfide zone
- IFV Intermediate - felsic metavolcanics
- Py Pyrite
- Po Pyrrhotite

2.11809

KOALA RESOURCES LTD.  
 PUKASKWA RIVER AREA, ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-1

ANOMALY NO: 19

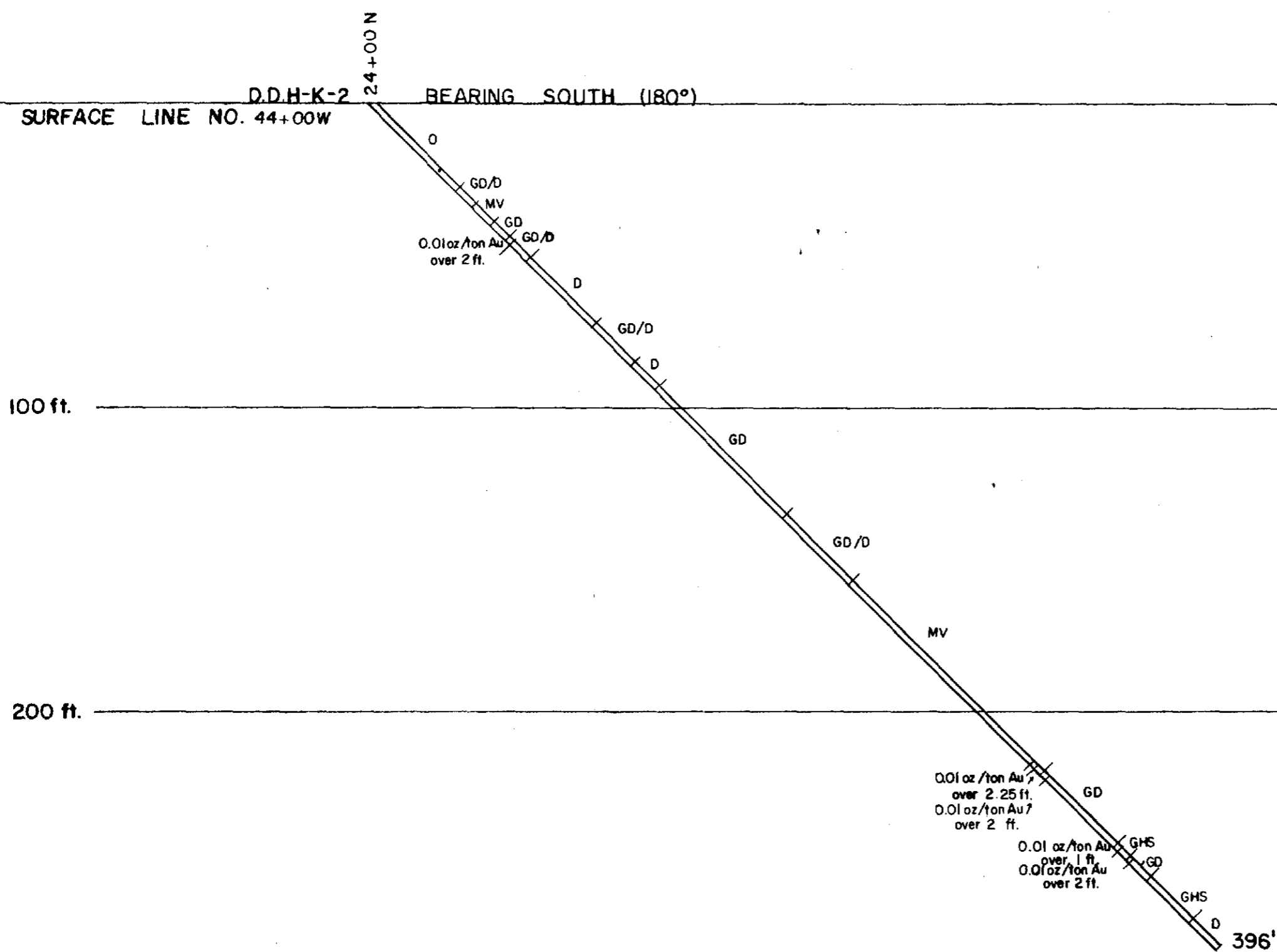
MAP NUMBER sheet 6

SCALE: 1" = 40'

DATE: Aug. 11, 1988



42003NW0008 2.11809 PUKASKWA RIVER



2.11809

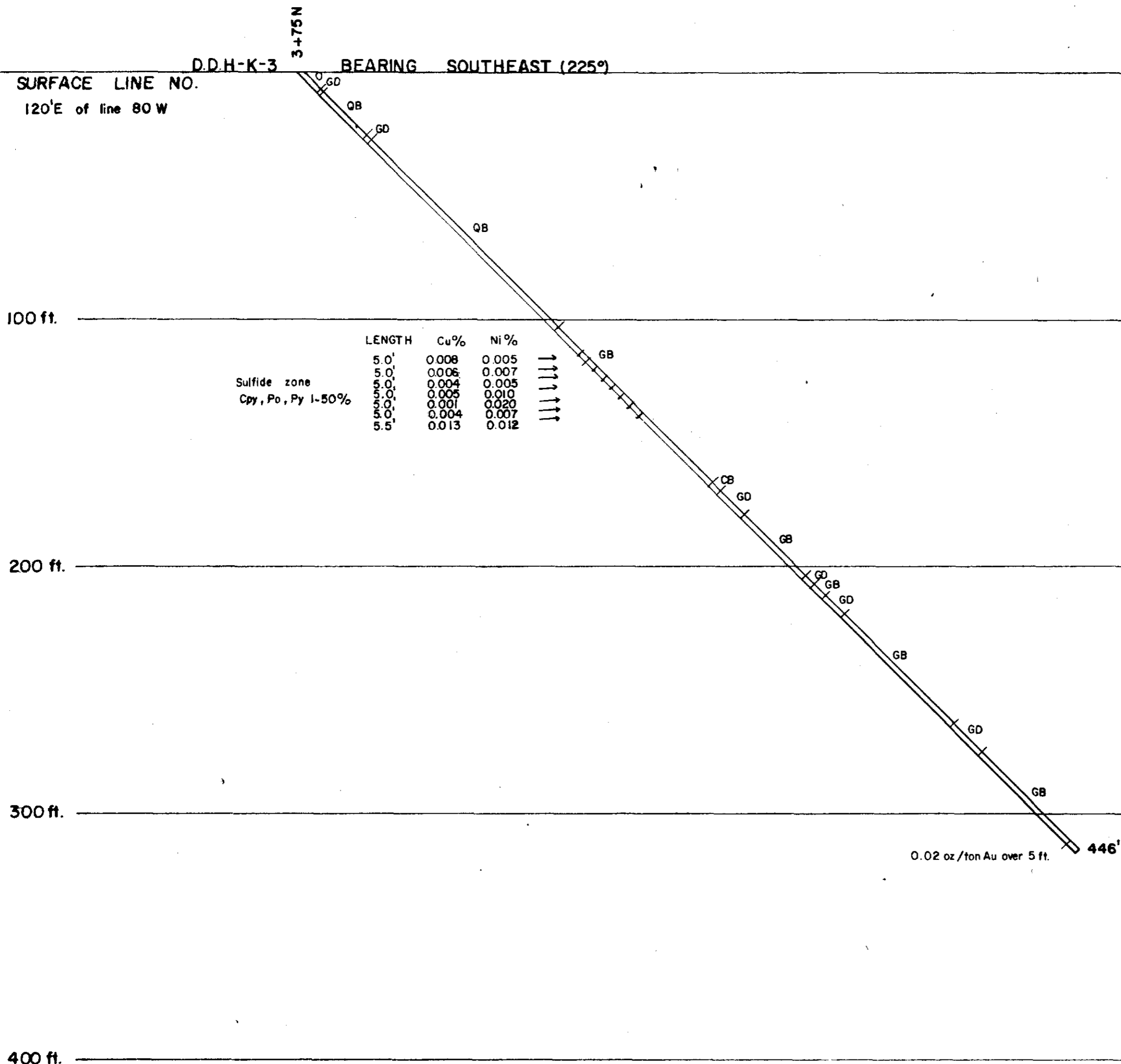
500 ft.

**LEGEND**

O	Overburden
GD	Granodiorite
D	Diorite
MV	Mafic metavolcanics
GHS	Garnet hornblende schist

KOALA RESOURCES LTD.	
PUKASKWA RIVER AREA ONT.	
VERTICAL SECTION DIAMOND DRILL HOLE NO: K-2	
ANOMALY NO: 22	MAP NUMBER sheet 6
SCALE: 1" = 40'	DATE: Aug. 16, 1988





	LENGTH	Cu%	Ni%	
	5.0'	0.008	0.005	↑↑↑
	5.0'	0.006	0.007	↑↑↑
Sulfide zone	5.0'	0.004	0.005	↑↑↑
	5.0'	0.005	0.010	↑↑↑
Cpy, Po, Py 1-50%	5.0'	0.001	0.020	↑↑↑
	5.0'	0.004	0.007	↑↑↑
	5.5'	0.013	0.012	↑↑↑

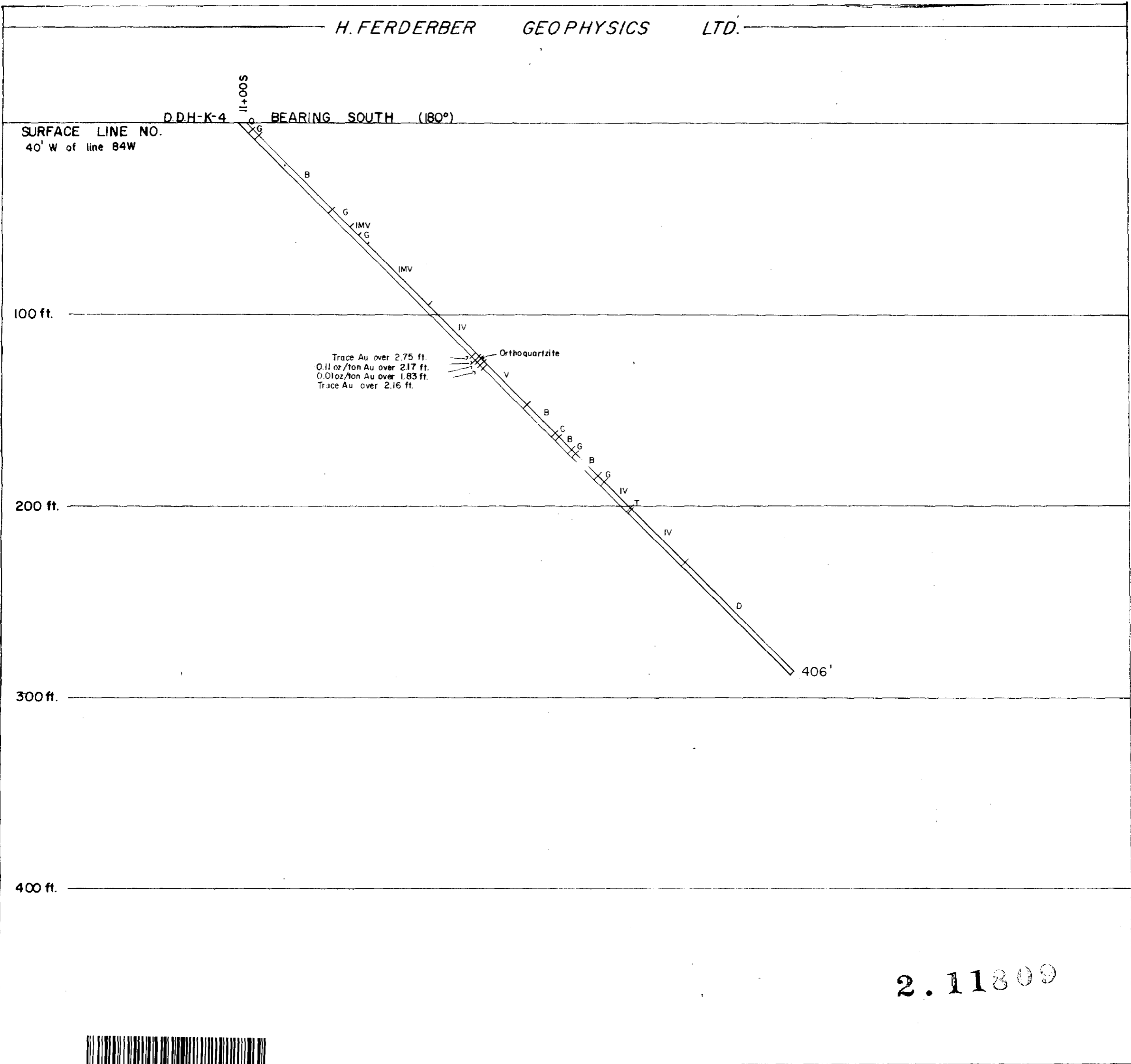
2.11809

LEGEND	
O	Overburden
GD	Granodiorit
QB	Quart - biotite - amphibole gneiss
GB	Garnet - biotite - amphibole gneiss
CB	Chalorite - biotite - schist
Cpy	Chalcoovrite

KOALA RESOURCES LTD.	
PUKASKWA RIVER AREA ONT.	
VERTICAL SECTION DIAMOND DRILL HOLE NO: K-3	
ANOMALY NO: 4	MAP NUMBER sheet 4
SCALE: 1" = 40'	DATE: Aug. 19, 1988







Trace Au over 2.75 ft.  
 0.11 oz/ton Au over 217 ft.  
 0.01 oz/ton Au over 1.83 ft.  
 Trace Au over 2.16 ft.

Orthoquartzite

2.11809

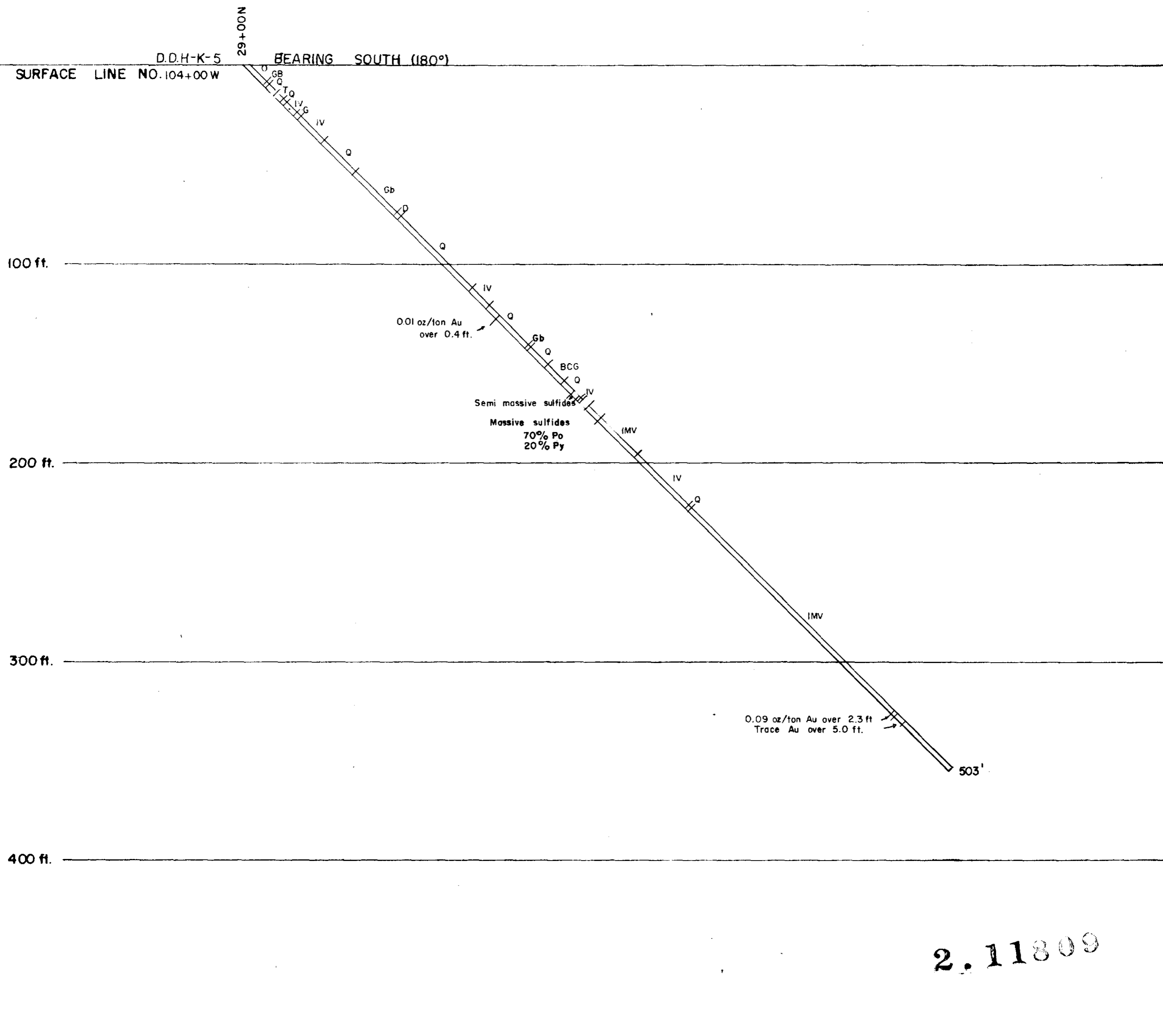


240

**LEGEND**

G	Granite
B	Metabasalt
V	Metavolcanics (undifferentiated)
IMV	Intermediate to mafic metavolcanics
IV	Intermediate metavolcanics
T	Tuff
D	Diorite

KOALA RESOURCES LTD. PUKASKWA RIVER AREA ONT.	
VERTICAL SECTION DIAMOND DRILL HOLE NO: K-4	
ANOMALY NO: 1	MAP NUMBER sheet 1
SCALE: 1" = 40'	DATE: Aug. 22, 1988

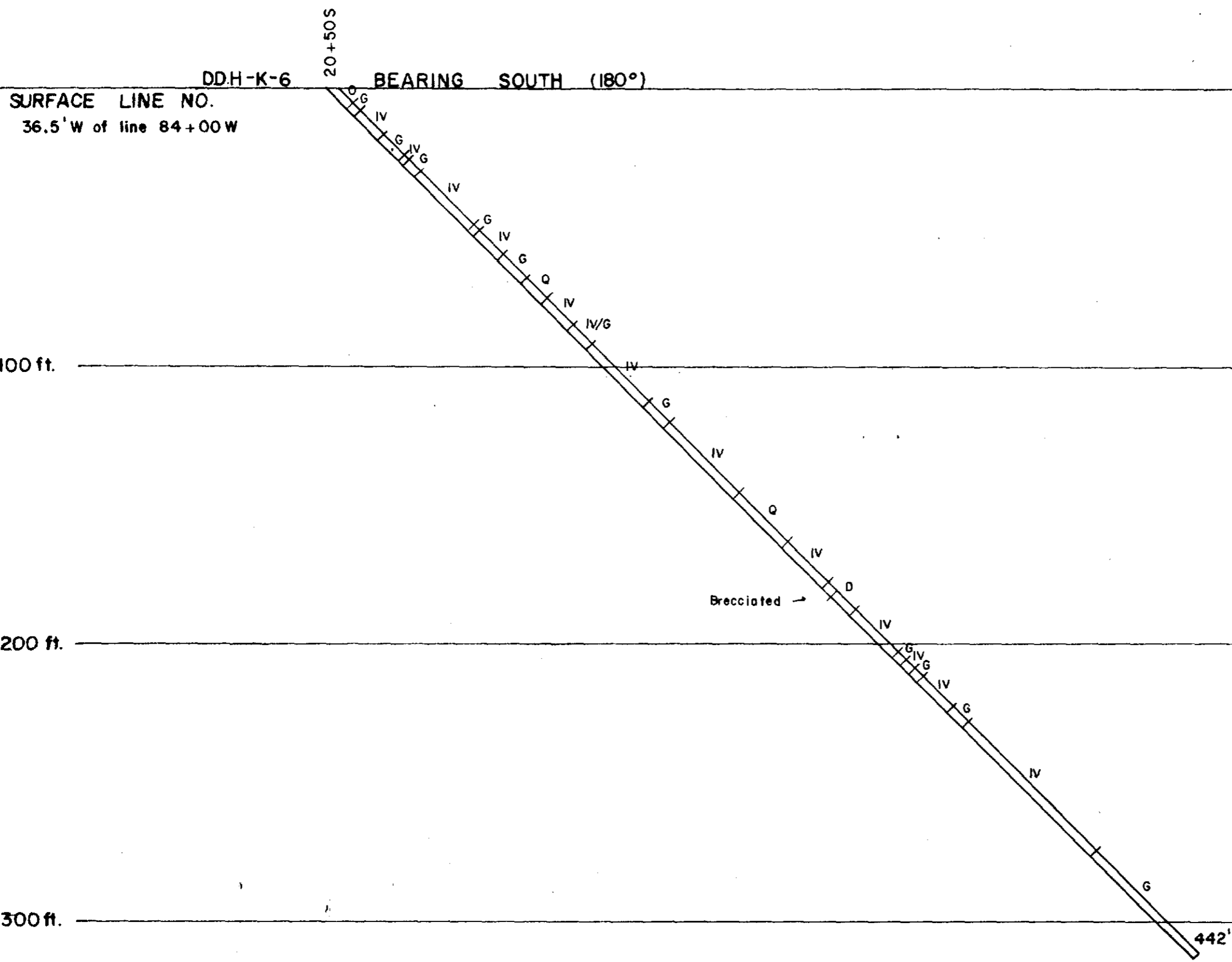


2.11809

LEGEND	
O	Overburden
Gb	Gabbro
T	Tuff (intermediate)
Q	Quartzite, gneissic quartzite felsic gneiss
IV	Intermediate metavolcanics
IMV	Intermediate to mafic metavolcanics
o	omite
r	rite
g	gite - chlorite - garnet gneiss
h	ite
ro	rohotite

KOALA RESOURCES LTD.	
PUKASKWA RIVER AREA, ONT.	
VERTICAL SECTION DIAMOND DRILL HOLE NO: K-5	
ANOMALY NO: 13	MAP NUMBER sheet 4
SCALE: 1" = 40'	DATE: Sept. 8, 1988





2.11809

500 ft.

**LEGEND**

- O Overburden
- G Granite
- IV Intermediate metavolcanics
- D Diabase (diorite) dyke
- Q Quartzite

KOALA RESOURCES LTD.  
 PUKASKWA RIVER AREA, ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-6

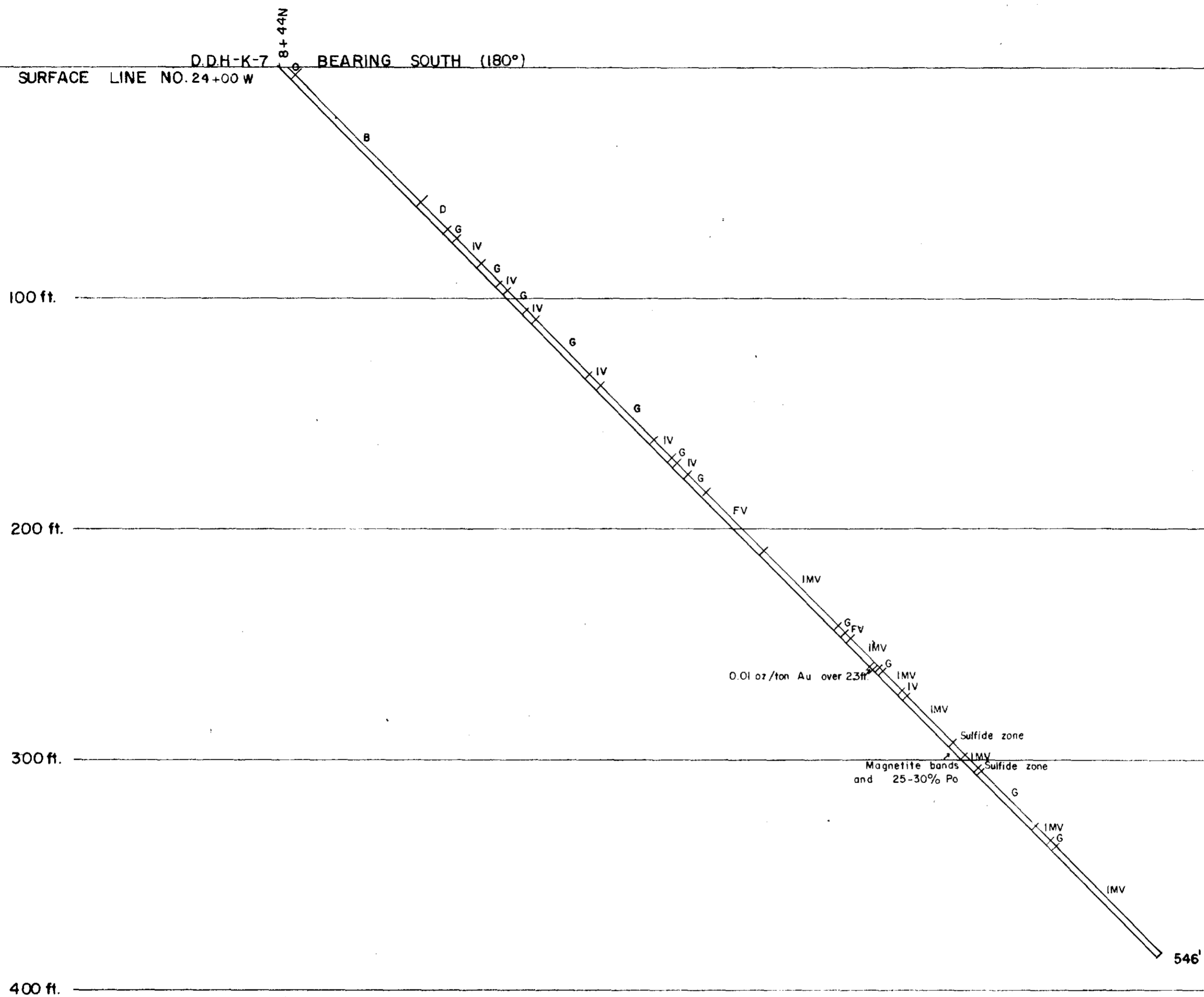
ANOMALY NO: 2

MAP NUMBER sheet 1

SCALE: 1" = 40'

DATE: Aug. 10, 1988





2.11809

500 ft.

**LEGEND**

- O Overburden
- D Diorite
- G Granite
- B Metabasalt
- IMV Intermediate to mafic metavolcanics
- IV Intermediate metavolcanics
- FV Felsic metavolcanics
- Po Pyrrhotite

KOALA RESOURCES LTD.  
 PUKASKWA RIVER AREA - ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-7

ANOMALY NO: 25

MAP NUMBER sheet 6

SCALE: 1" = 40'

DATE: Sept. 13, 1988



SURFACE LINE NO.  
220' E of line 96+00 W

BEARING NORTH WEST (303°)

D.D.H-K-8

220' E of line 96+00 W

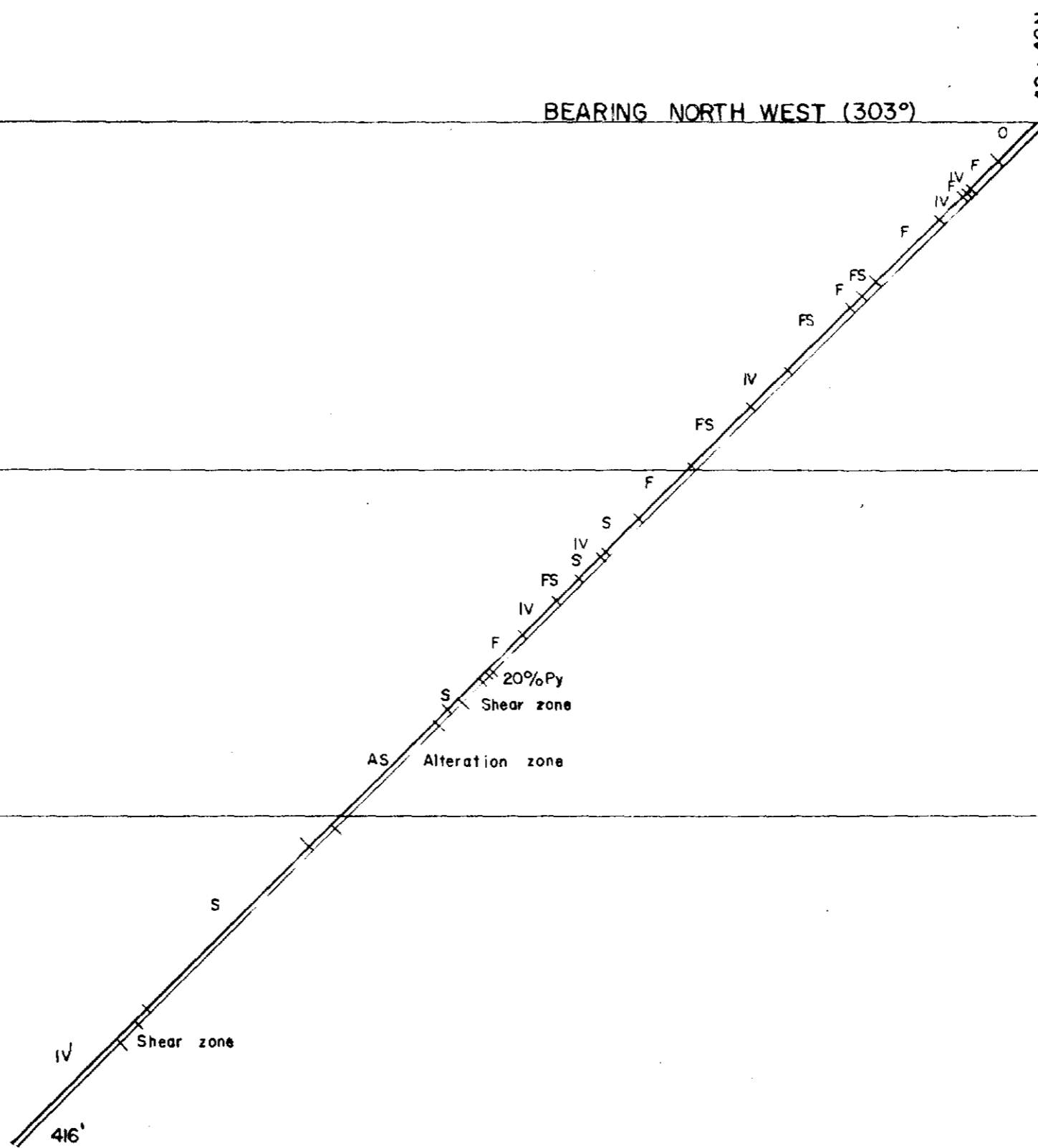
100 ft.

200 ft.

300 ft.

400 ft.

500 ft.



2.11809

**LEGEND**

- O Overburden
- F Quartz - feldspar - amphibole gneiss
- FS Quartz - feldspar - sericite gneiss schist
- S Sericite schist, Quartz - sericite schist
- AS Quartz - amphibole sericite gneiss diate metavolcanics

KOALA RESOURCES LTD.  
PUKASKWA RIVER AREA ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-8

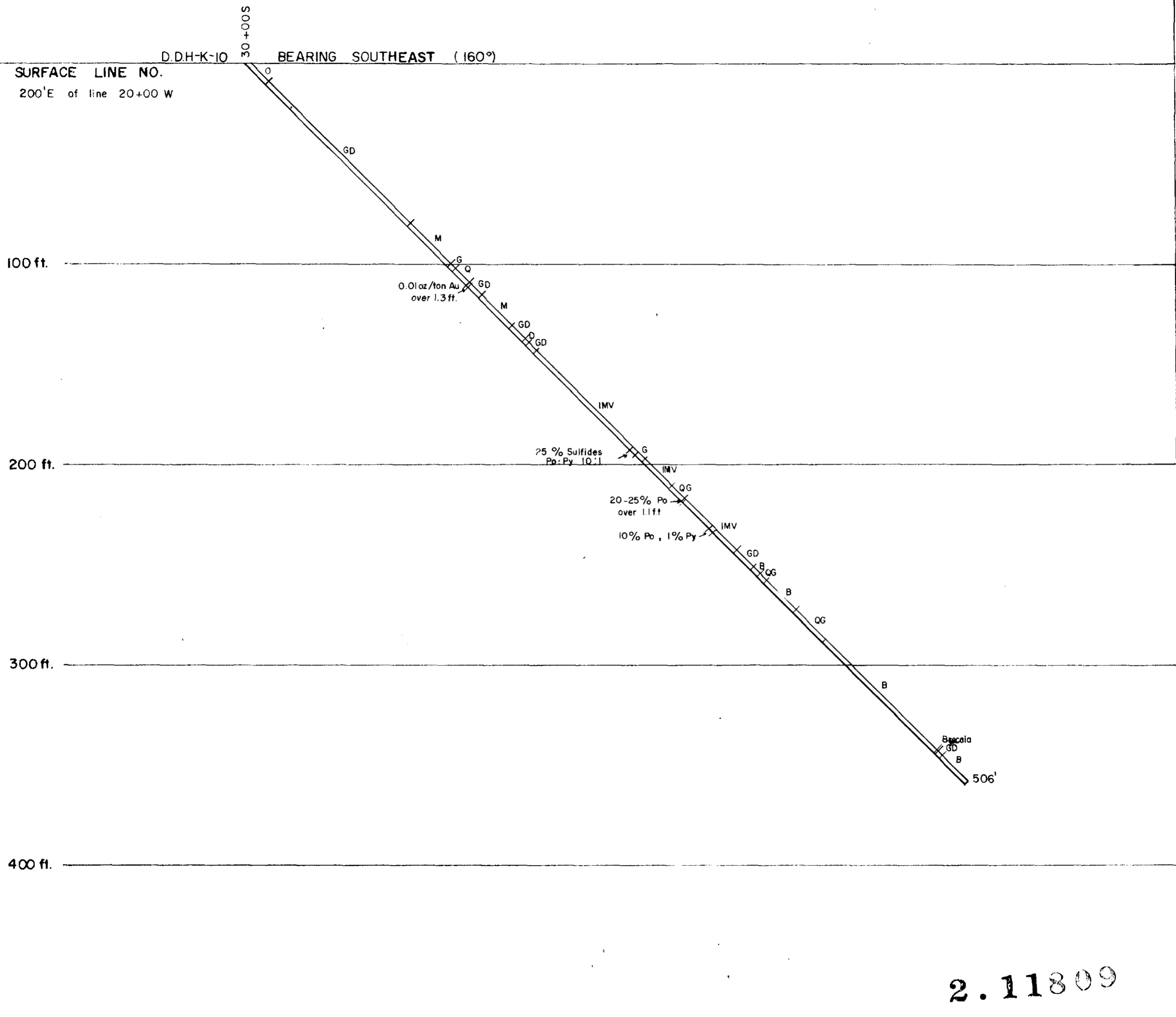
ANOMALY NO: 15

MAP NUMBER sheet 4

SCALE: 1" = 40'

DATE: Sept. 16, 1988





2.11809

**LEGEND**

- O Overburden
- G Granite
- GD Granodiorite
- M Metasediments
- Q Gneissic quartzite
- IMV Intermediate to mafic metavolcanics
- QG Quartz - biotite - granite gneiss

KOALA RESOURCES LTD.  
PUKASKWA RIVER AREA ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-9

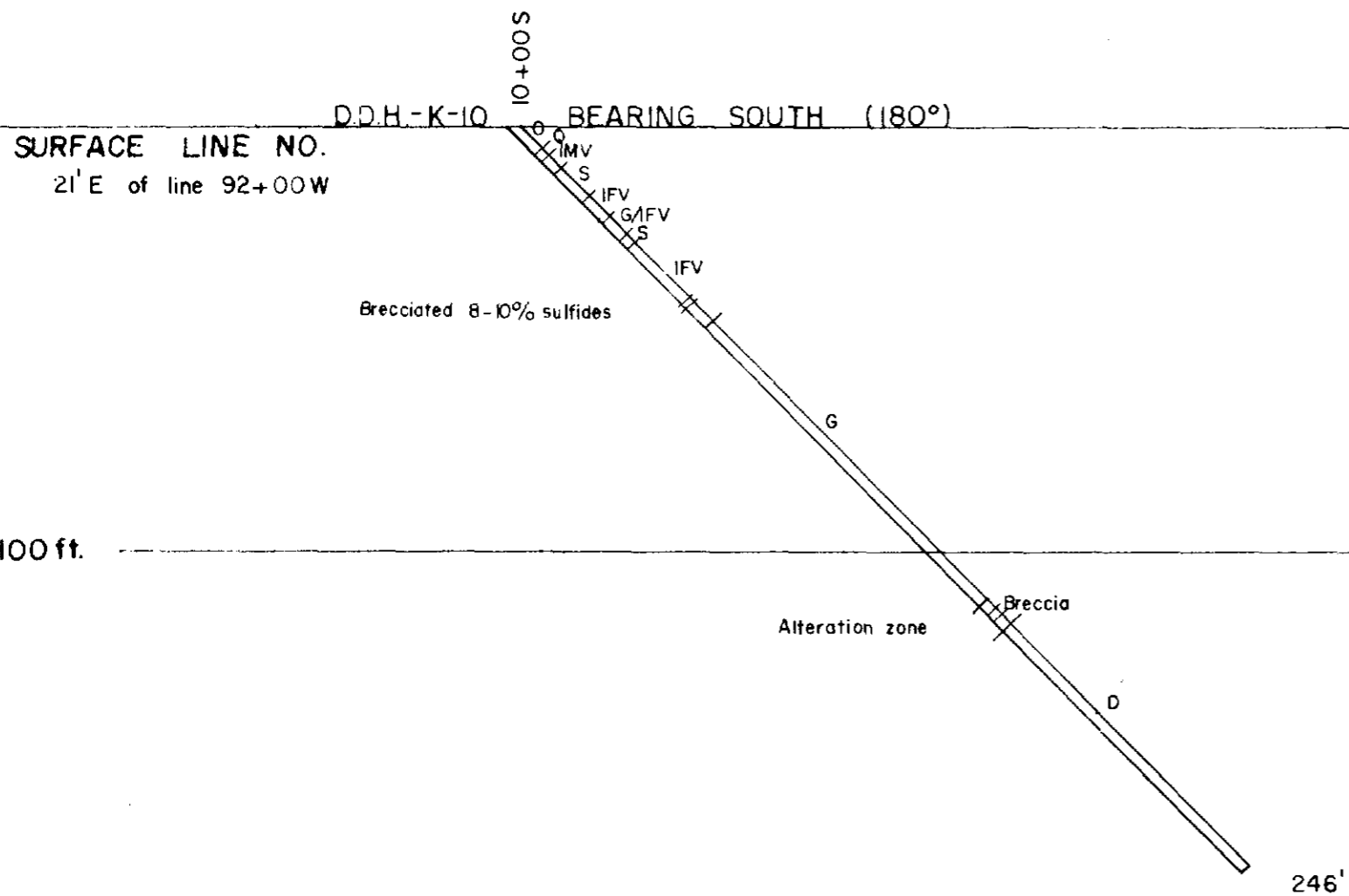
ANOMALY NO: 8

MAP NUMBER sheet 2

SCALE: 1" = 40'

DATE: Aug. 19, 1988





2.11809

500 ft.

**LEGEND**

- O Overbunden
- Q Quartz - feldspar - biotite gneiss
- IMV Intermediate to mafic metavolcanics
- IFV Intermediate to felsic metavolcanics
- G Granite  
dimentary

KOALA RESOURCES LTD.  
PUKASKWA RIVER AREA ONT.

VERTICAL SECTION DIAMOND DRILL HOLE NO: K-10

ANOMALY NO: I

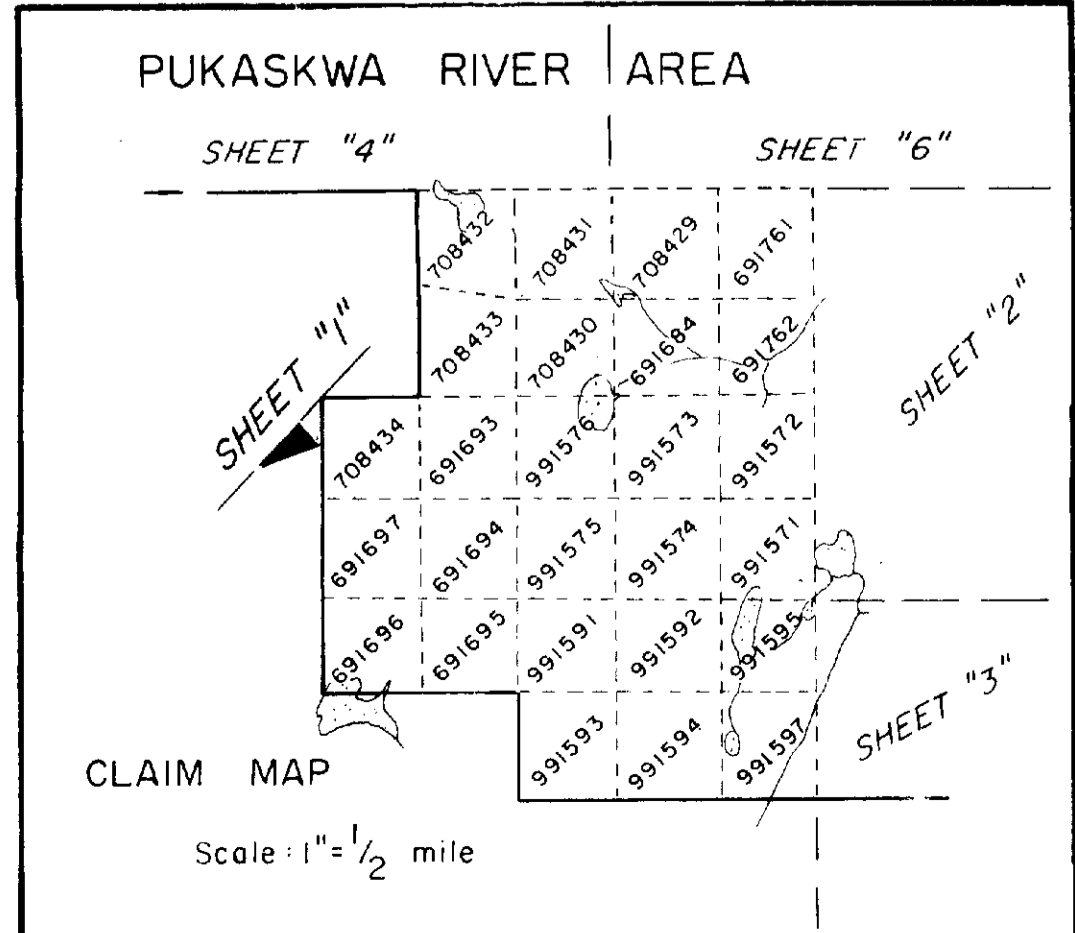
MAP NUMBER sheet 1

SCALE: 1" = 40'

DATE: Sept 22, 1988

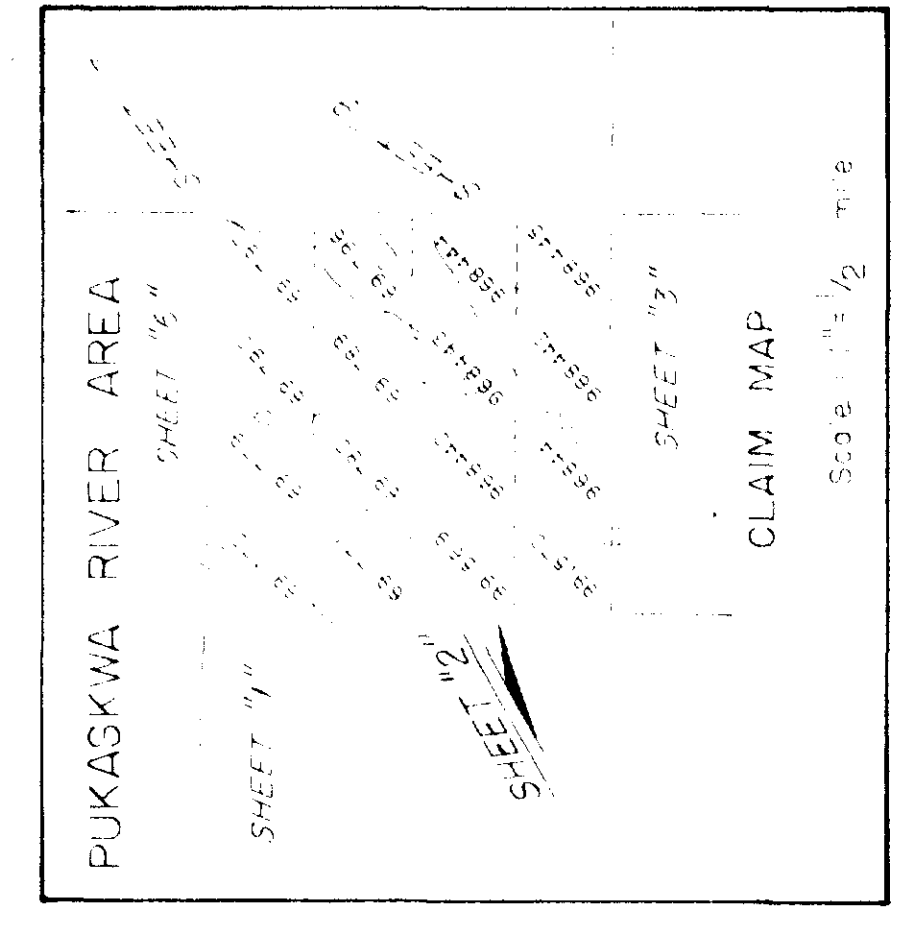
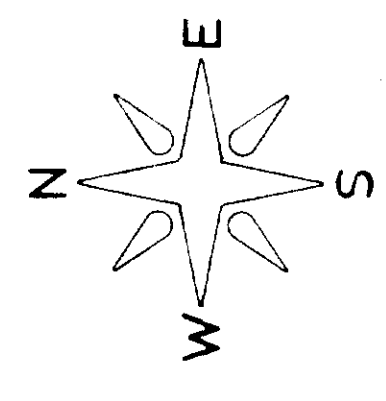
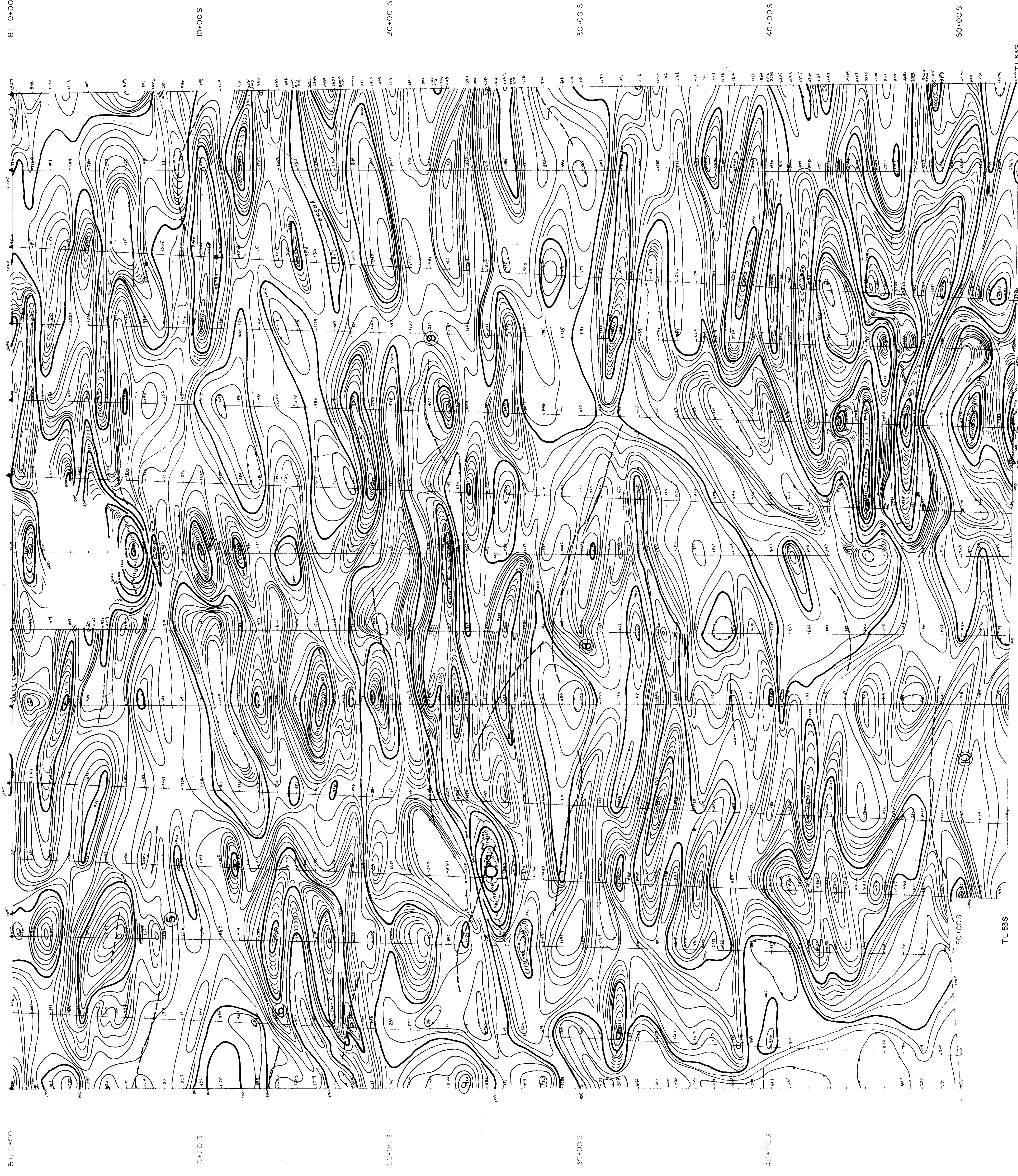


# PUKASKWA RIVER AREA





# PUKASKWA RIVER AREA



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD (IN GAMMAS)
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED: PROTON MAGNETOMETER GEM GSM-8
  - TO GAMMAS
  - TO GAMMAS
  - OVER GAMMAS
  - ELECTRICAL CONDUCTOR

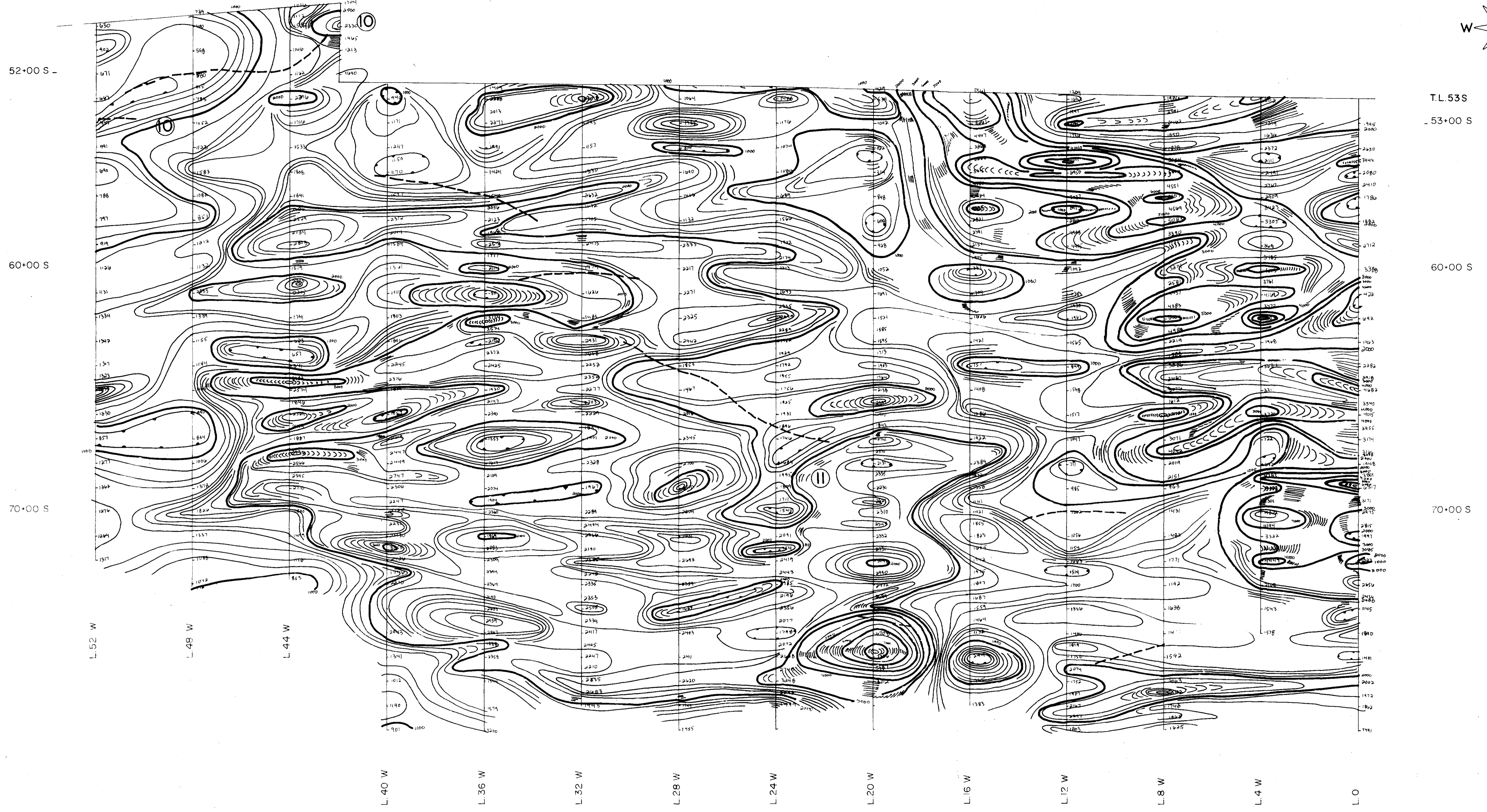
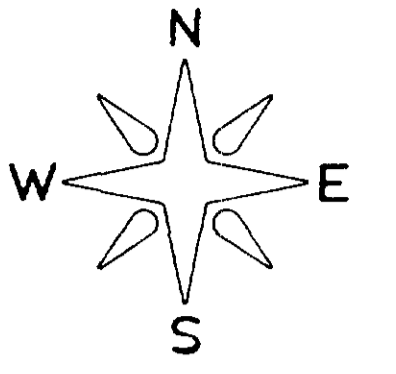
<b>MAGNETOMETER SURVEY</b>	
<b>KOALA RESOURCES LTD. 2. 11809</b>	
PROJECT STONEY CREEK	AREA PUKASKWA RIVER AREA, ONT.
DATE AUGUST 1988	SCALE 1" = 200'
DRAWN BY H. Ferdenber Geophysics Ltd.	MAP OF SHEET NO. MG-2

L 0 W    L 4 W    L 8 W    L 12 W    L 16 W    L 20 W    L 24 W    L 28 W    L 32 W    L 36 W    L 40 W    L 44 W    L 48 W    L 52 W

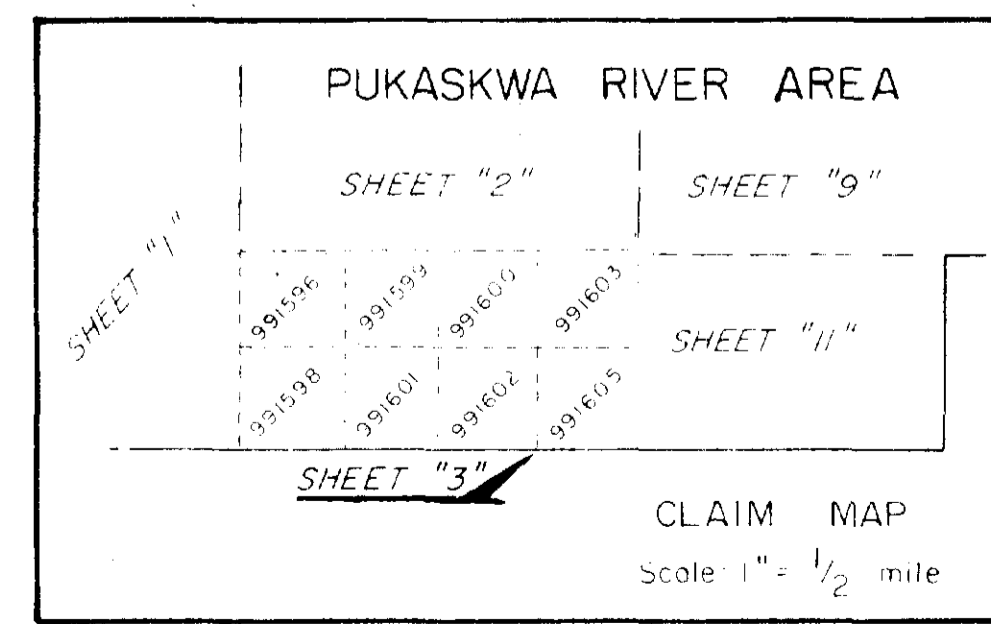


350

# PUKASKWA RIVER AREA

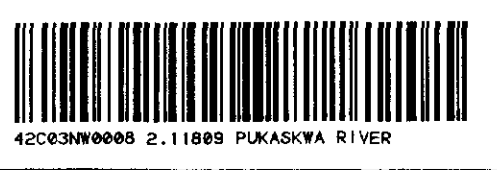


TL.53S  
 53+00 S  
 60+00 S  
 70+00 S

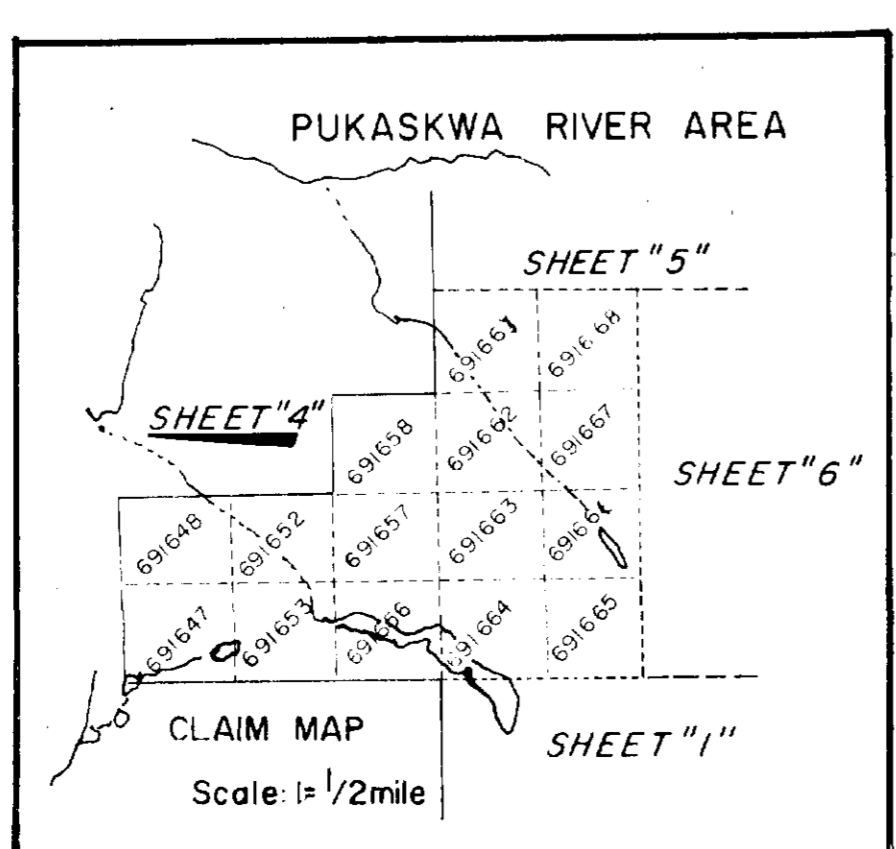
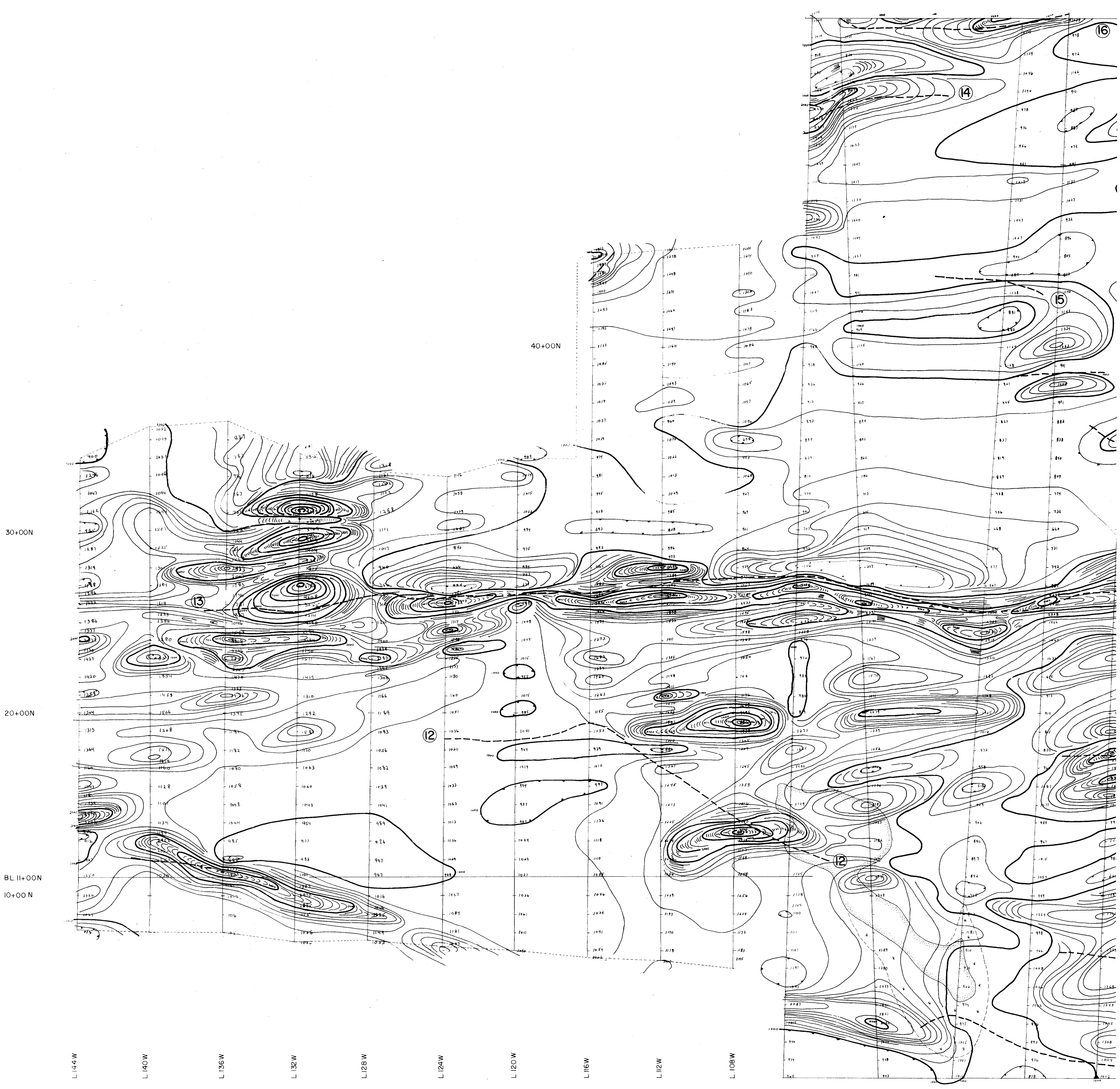


- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED : PROTON MAGNETOMETER GEM,GSM-8
  - TO \_\_\_\_\_ GAMMAS
  - TO \_\_\_\_\_ GAMMAS
  - OVER \_\_\_\_\_ GAMMAS
  - ELECTRICAL CONDUCTOR

<b>MAGNETOMETER SURVEY</b>	
CLIENT <b>KOALA RESOURCES LTD. 2.11809</b>	
PROJECT <b>STONEY CREEK</b>	AREA <b>PUKASKWA RIVER AREA, ONT.</b>
SCALE <b>1" = 200'</b>	DATE <b>AUGUST 1988</b>
DRAWN BY <i>[Signature]</i> <b>H. Ferderber Geophysics Ltd.</b>	MAP OR SHEET NO. <b>MG-3</b>



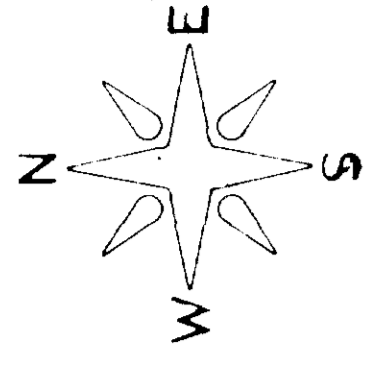
# PUKASKWA RIVER AREA



## LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED : PROTON MAGNETOMETER GEM, GSM-8
- TO — GAMMAS
- TO — GAMMAS
- OVER — GAMMAS
- - - ELECTRICAL CONDUCTOR





# PUKASKWA RIVER AREA

100+00N

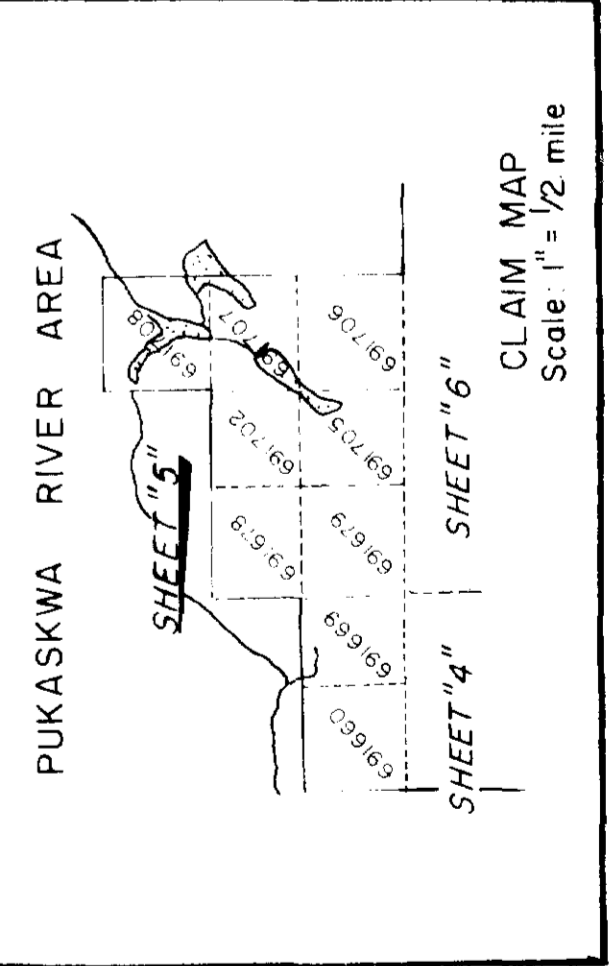
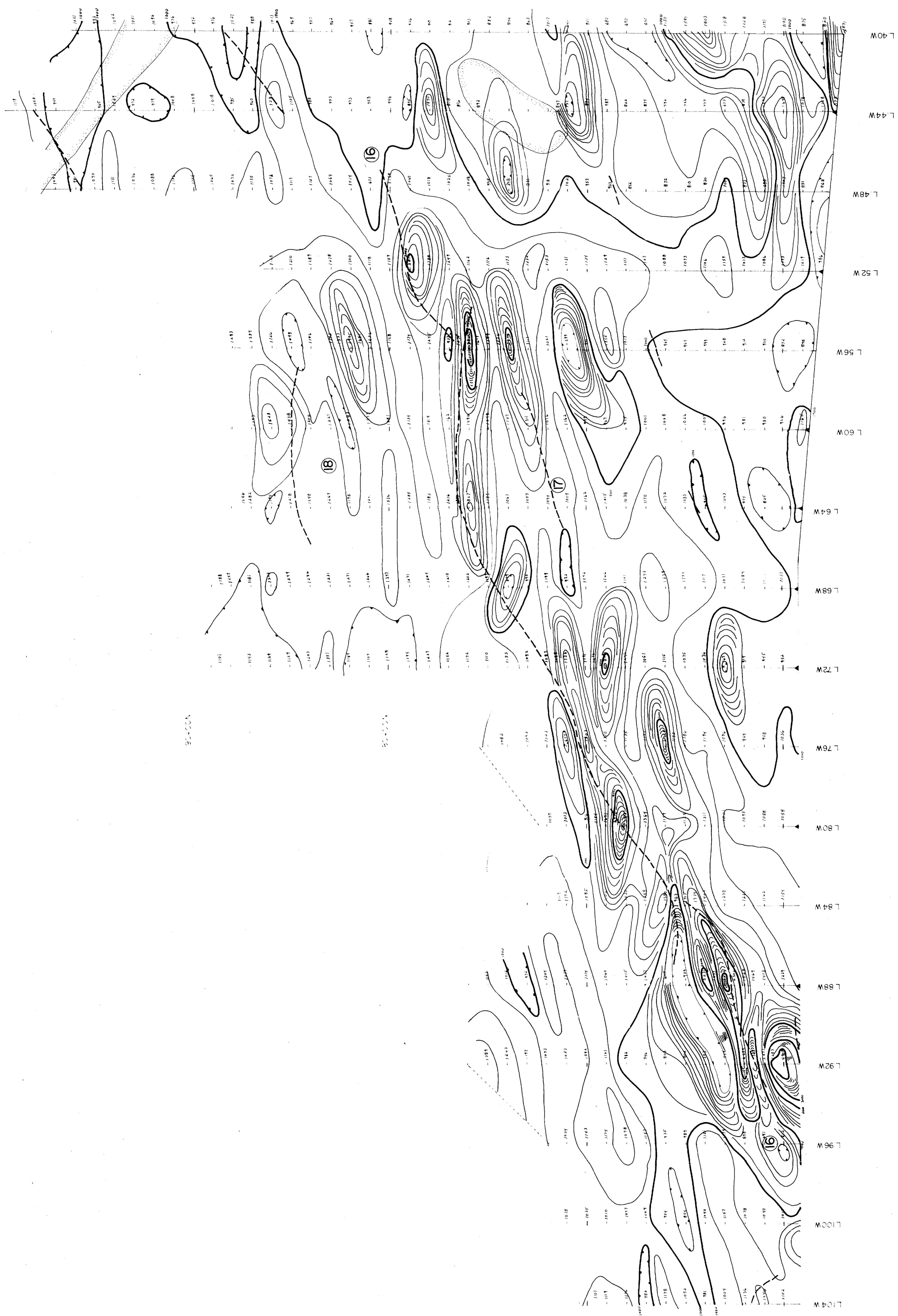
90+00N

80+00N

70+00N

60+00N

TL 53N



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED: PROTON MAGNETOMETER GEM-65M-B
  - TO GAMMAS
  - TO GAMMAS
  - OVER GAMMAS
  - ELECTRICAL CONDUCTOR

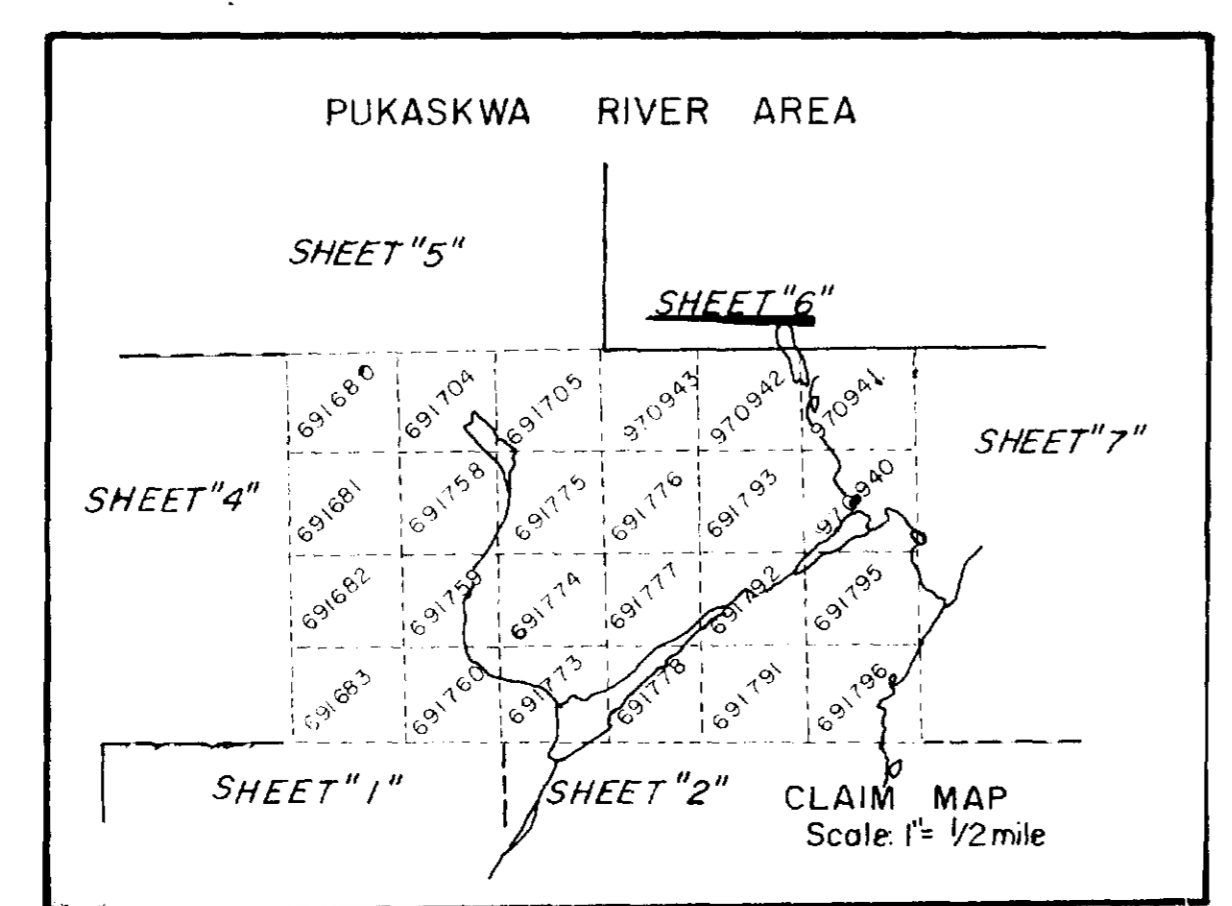
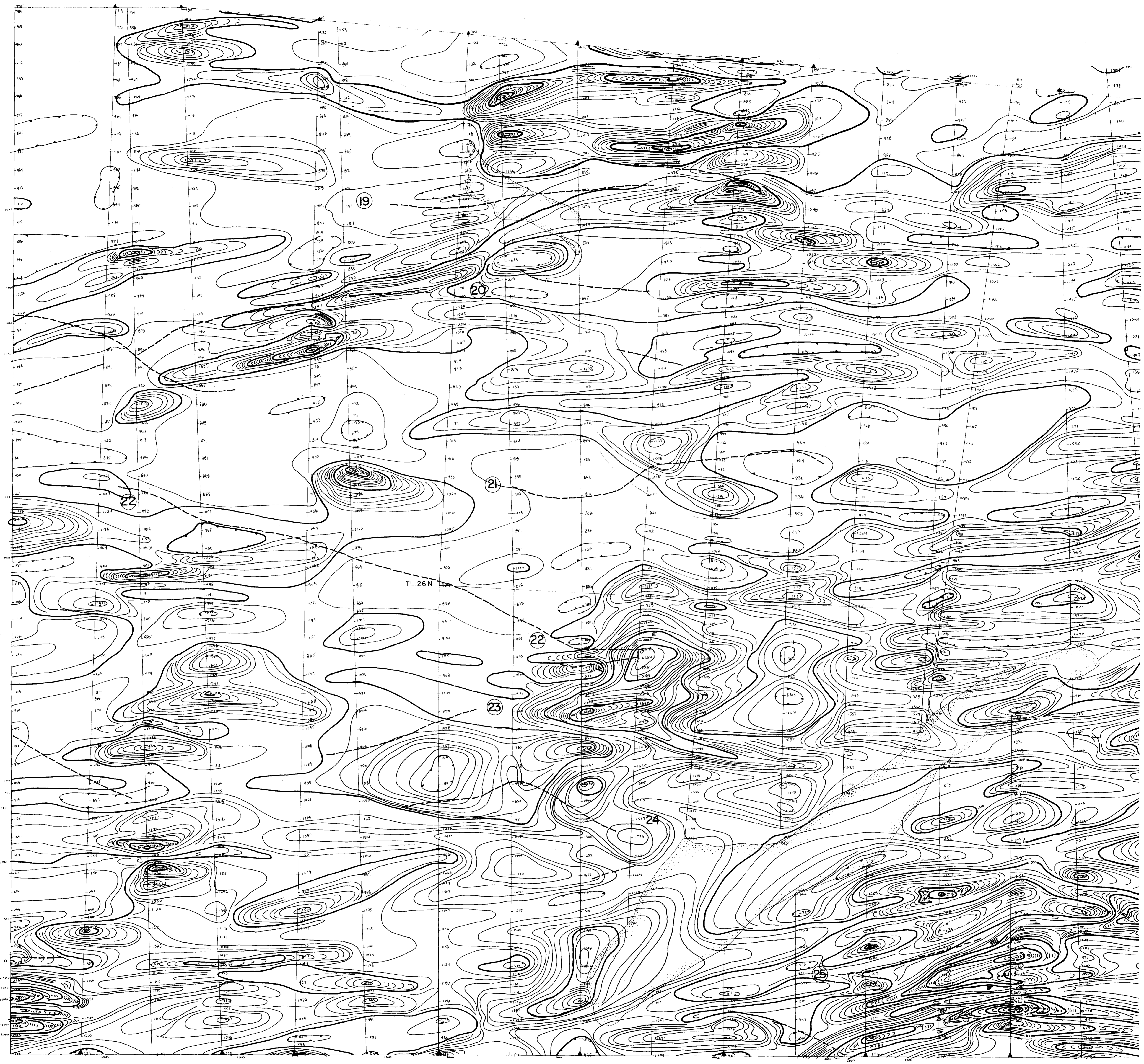
<b>MAGNETOMETER SURVEY</b>	
<b>KOALA RESOURCES LTD. 11809</b>	
<b>PROJECT</b> STONE CREEK	<b>AREA</b> PUKASKWA RIVER AREA, ONT.
<b>CLIENT</b> H. Ferderber Geophysics Ltd.	<b>SCALE</b> 1" = 200'
<b>DATE</b> AUGUST 1988	<b>DRAWN BY</b> P.M.
<b>MAP OR SHEET NO.</b> MG-5	



# PUKASKWA RIVER AREA

TL 53N  
50+00N  
40+00N  
30+00N  
20+00N  
10+00N  
BL 0+00

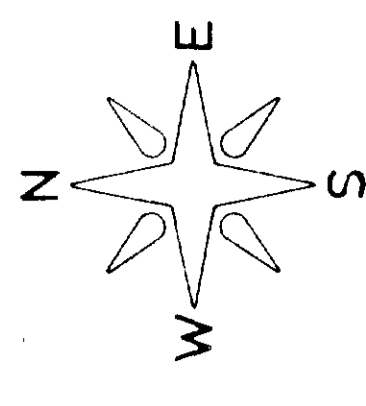
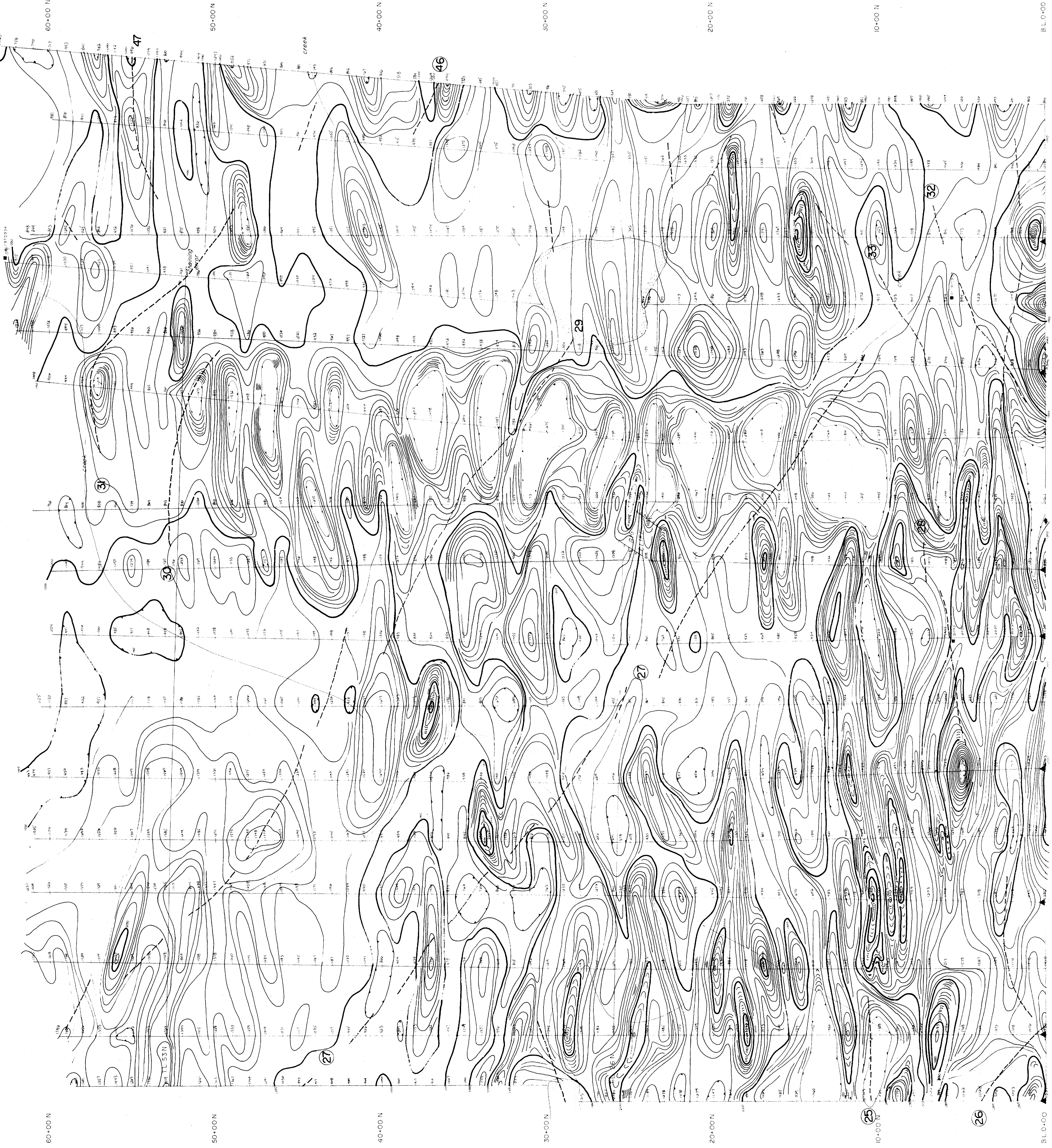
L 76W L 72W L 68W L 64W L 60W L 56W L 52W L 48W L 44W L 40W L 36W L 32W L 28W L 24W L 20W L 16W



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED : PROTON MAGNETOMETER GEM,GSM-8
  - TO \_\_\_\_\_ GAMMAS
  - TO \_\_\_\_\_ GAMMAS
  - OVER \_\_\_\_\_ GAMMAS
  - ELECTRICAL CONDUCTOR

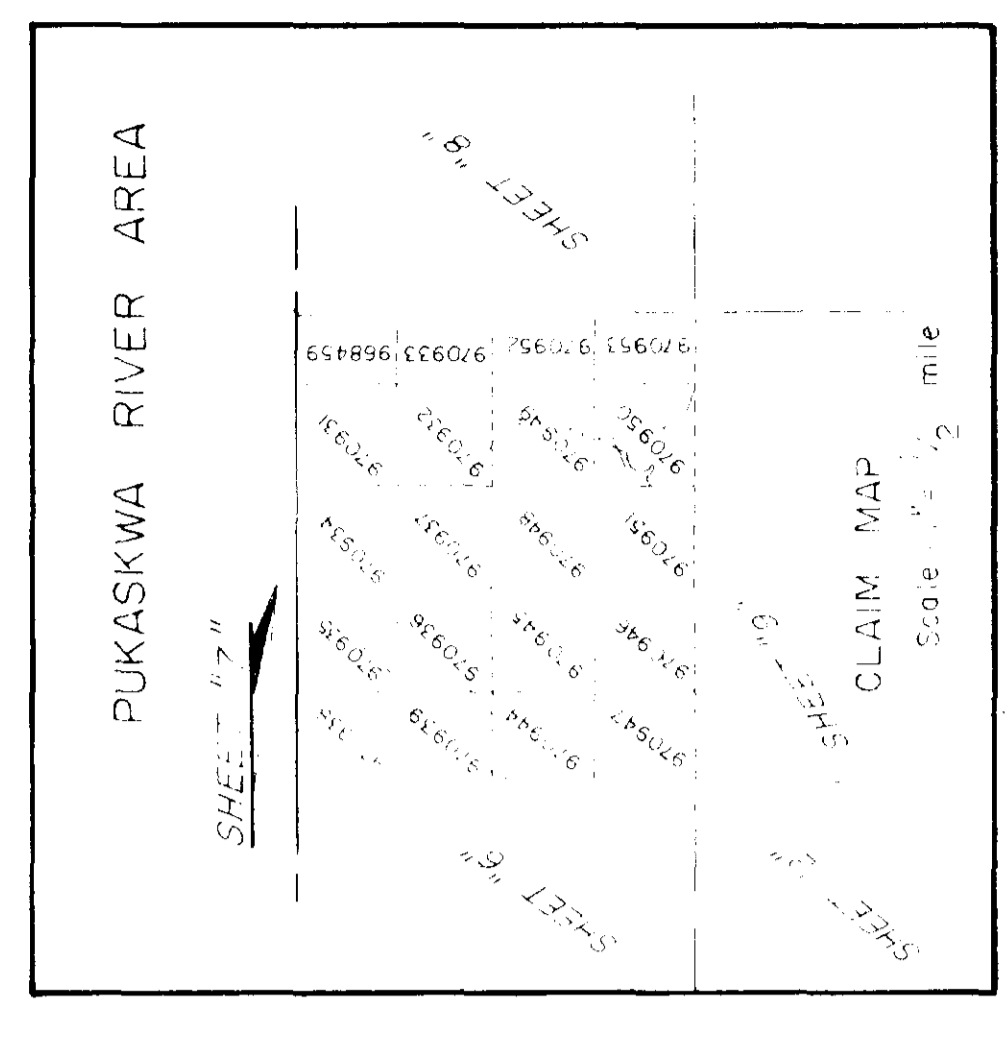


PUKASKWA RIVER AREA



**LEGEND**

- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 30 500 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD (IN GAMMAS)
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED: PROTON MAGNETOMETER GEM (SSIM-8)
- TO GAMMAS
- OVER GAMMAS
- ELECTRICAL CONDUCTOR



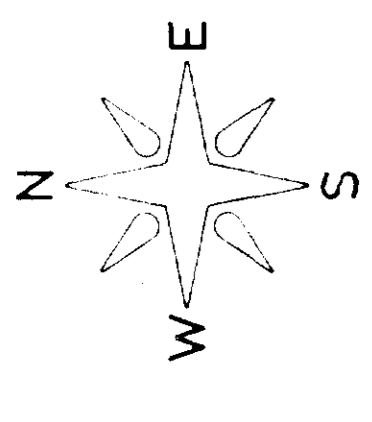
MAGNETOMETER SURVEY	
CLIENT	KOALA RESOURCES LTD2. 11809
PROJECT	STONEY CREEK
AREA	PUKASKWA RIVER AREA, ONT
SCALE	1" = 200'
DATE	AUGUST, 1988
DRAWN BY	H. Ferderber Geophysics Ltd.
MAP OR SHEET NO.	MB-7

B.L. 0-00

B.L. 0-00



PUKASKWA RIVER AREA



**LEGEND**

MEASUREMENT STATIONS ALONG PICKET LINES  
 READINGS OF EARTH'S TOTAL MAGNETIC FIELD  
 RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES  
 FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )

MAGNETIC CONTOURS

BASE STATION

MAGNETIC LOW

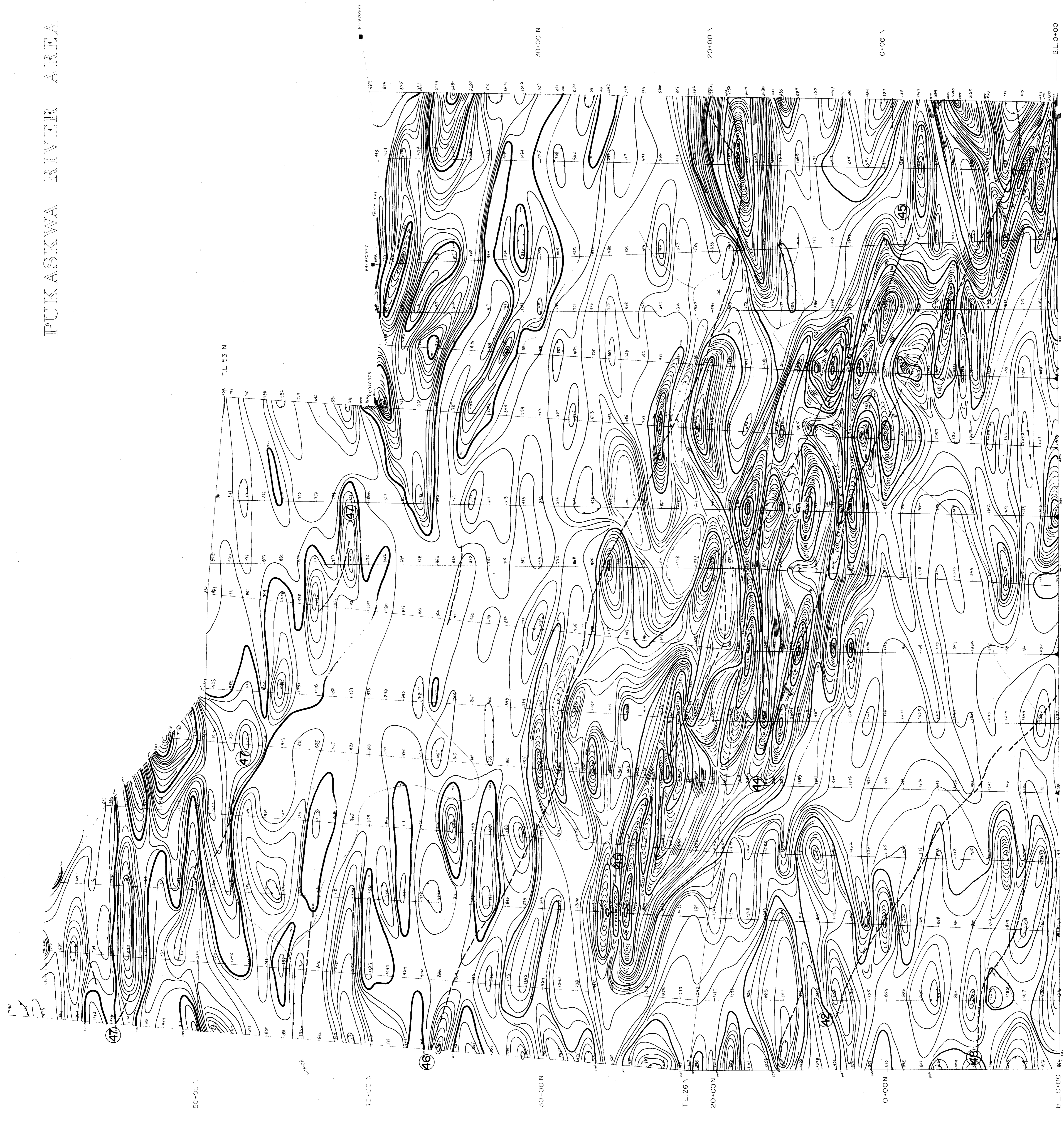
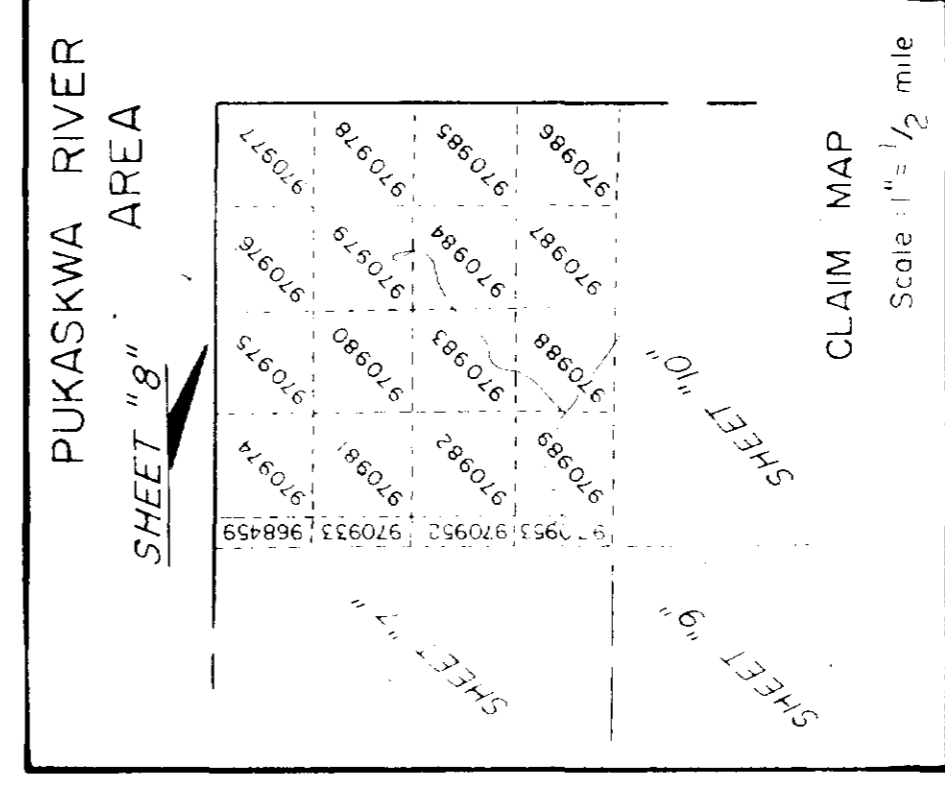
INSTRUMENT USED: PROTON MAGNETOMETER 6EM, GSM-B

TO GAMMAS

TO GAMMAS

OVER GAMMAS

ELECTRICAL CONDUCTOR



MAGNETOMETER SURVEY	
CLIENT	KOALA RESOURCES LTD2. 11809
PROJECT	STONEY CREEK
AREA	PUKASKWA RIVER AREA, ONT.
SCALE	1" = 200'
DATE	AUGUST 1988
DRAWN BY	H. Farderber Geophysics Ltd
MAP OR SHEET NO.	MG-8

BL 0-00

BL 10-00 N

BL 20-00 N

BL 30-00 N

BL 40-00 N

BL 50-00 N

BL 60-00 N

BL 70-00 N

BL 80-00 N

BL 90-00 N

BL 100-00 N

BL 110-00 N

BL 120-00 N

BL 130-00 N

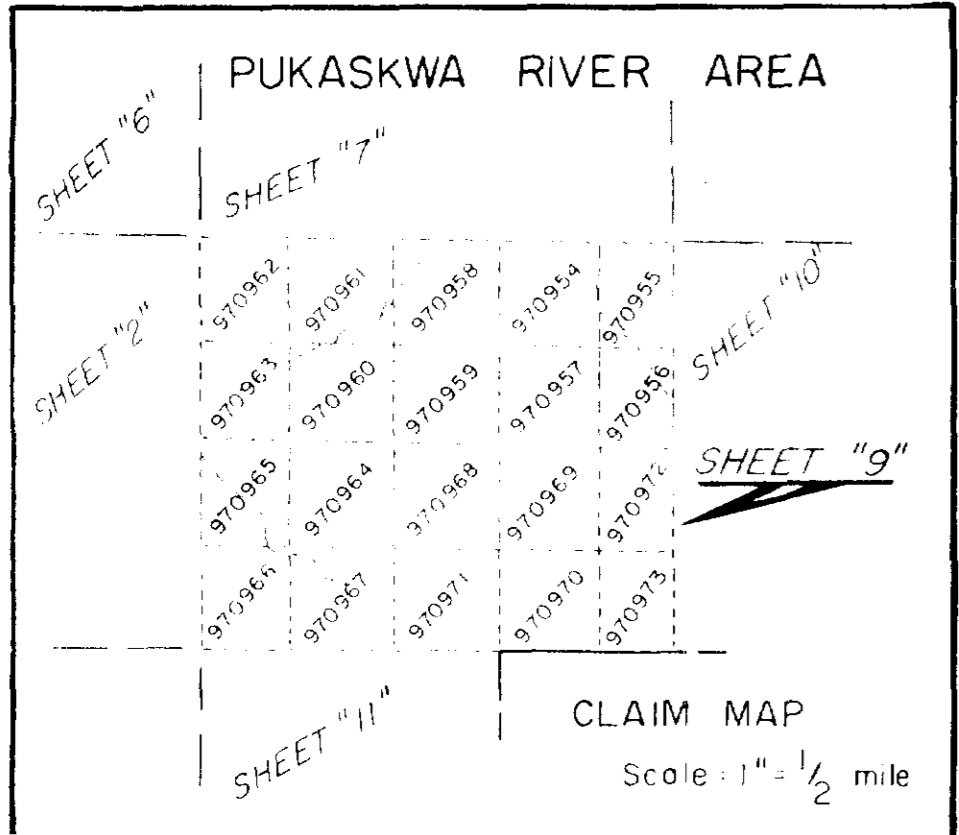
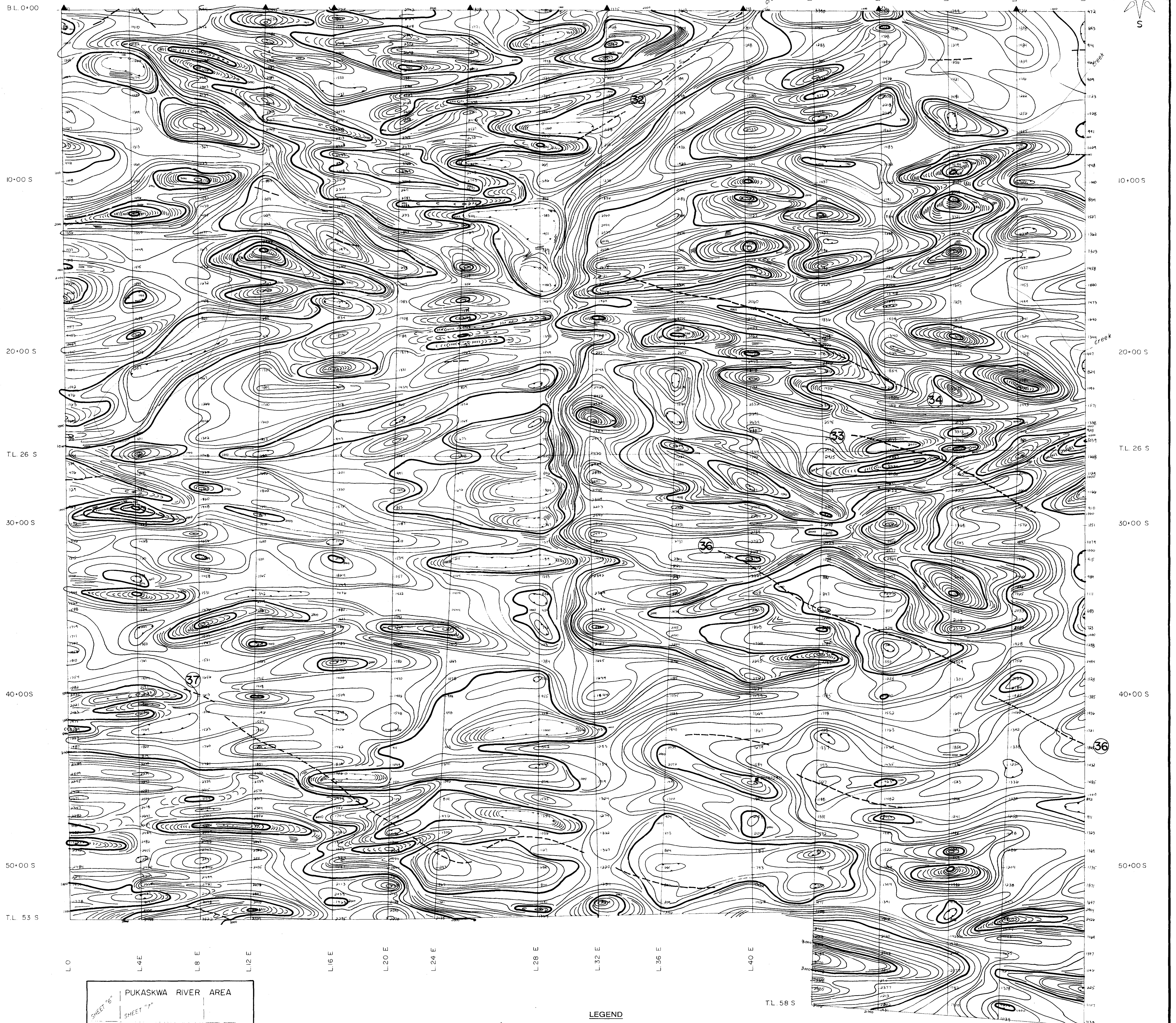
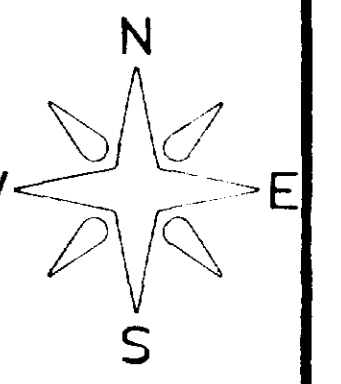
BL 140-00 N

BL 150-00 N

BL 160-00 N

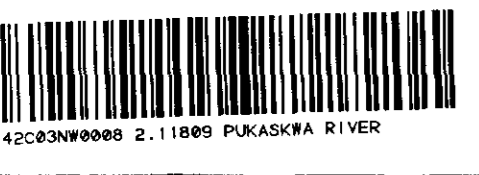


# PUKASKWA RIVER AREA



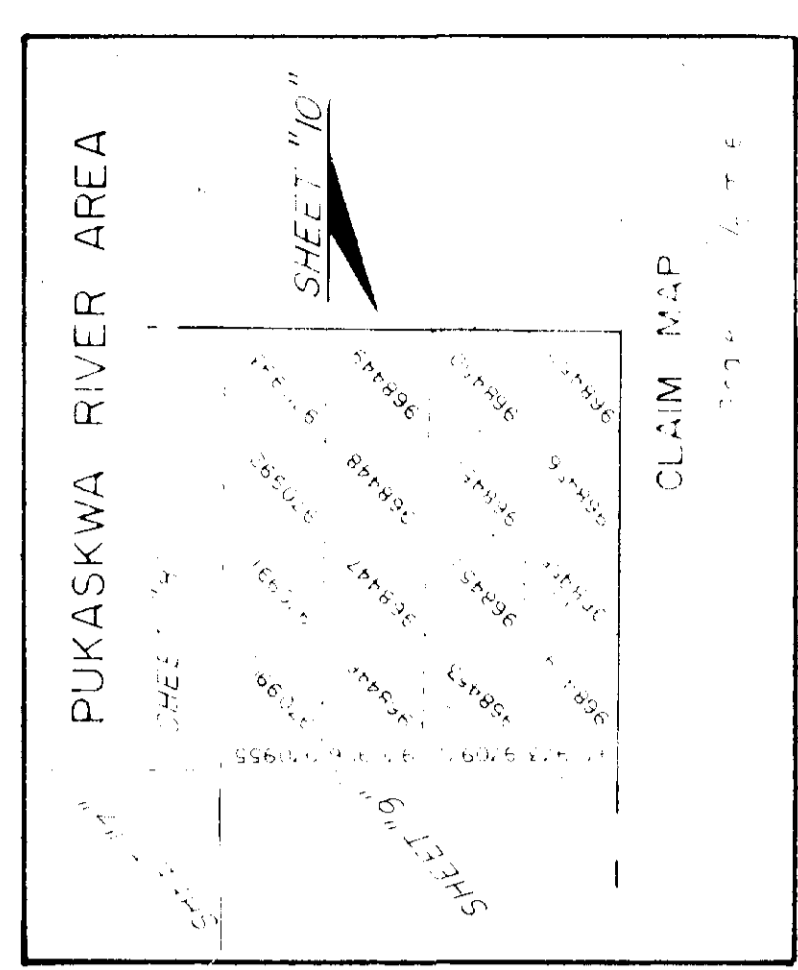
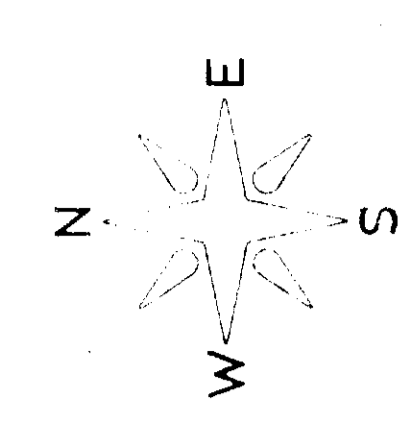
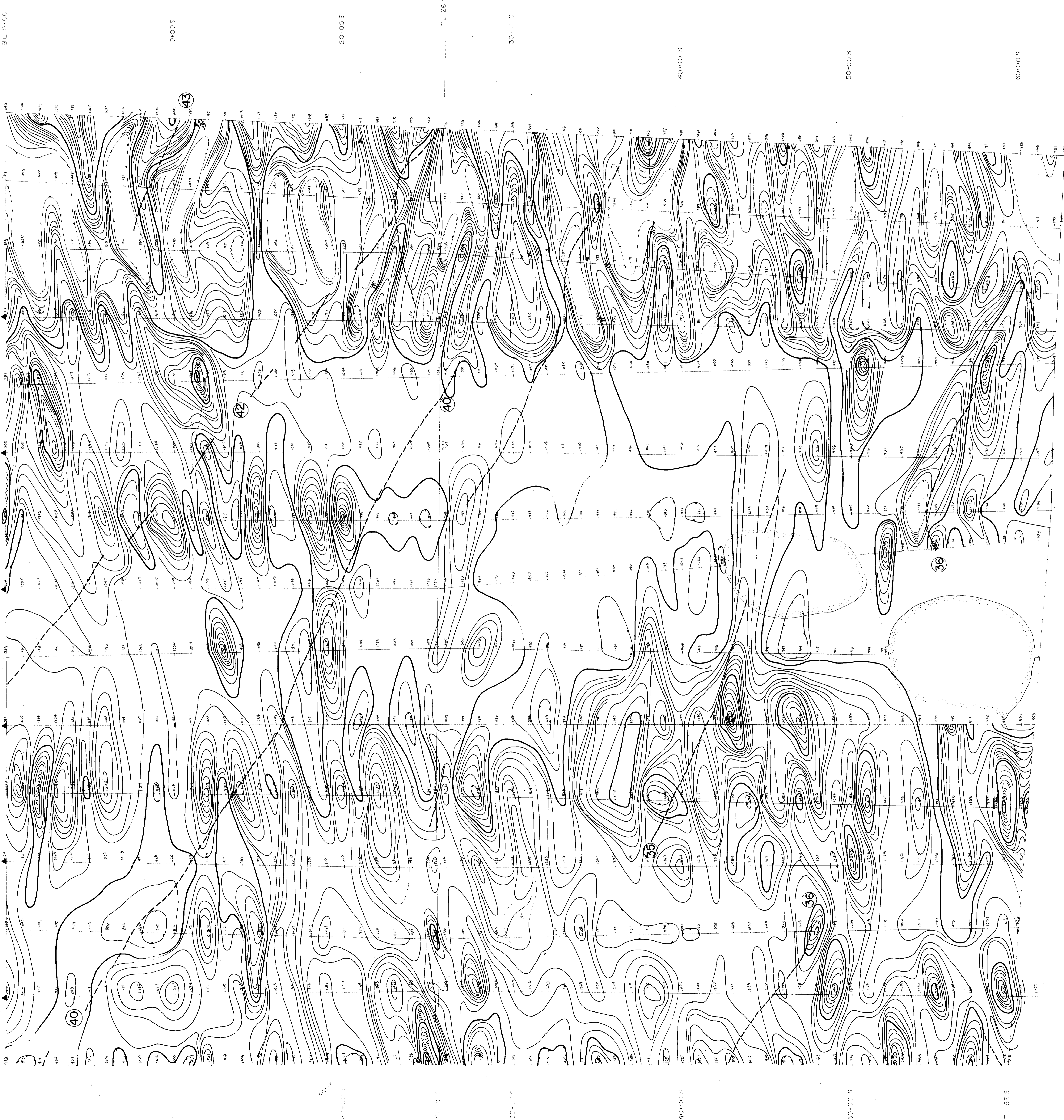
- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED : PROTON MAGNETOMETER GEM, GSM-8
  - TO GAMMAS
  - TO GAMMAS
  - OVER GAMMAS
  - ELECTRICAL CONDUCTOR

<b>TYPE OF WORK</b>	
<b>MAGNETOMETER SURVEY</b>	
<b>CLIENT</b>	
<b>KOALA RESOURCES LTD. 2.11809</b>	
<b>PROJECT</b>	<b>AREA</b>
STONEY CREEK	PUKASKWA RIVER AREA, ONT.
<b>SCALE</b>	<b>DATE</b>
1" = 200'	AUGUST 1988
<b>DRAWN BY</b>	<b>MAP OR SHEET NO.</b>
H. Fordebar Geophysics Ltd.	MG-9





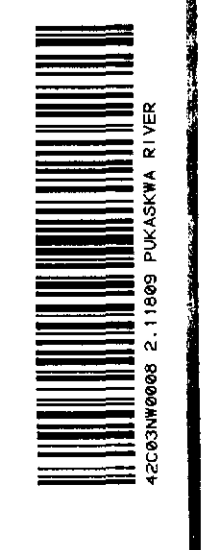
PUKASKWA RIVER AREA



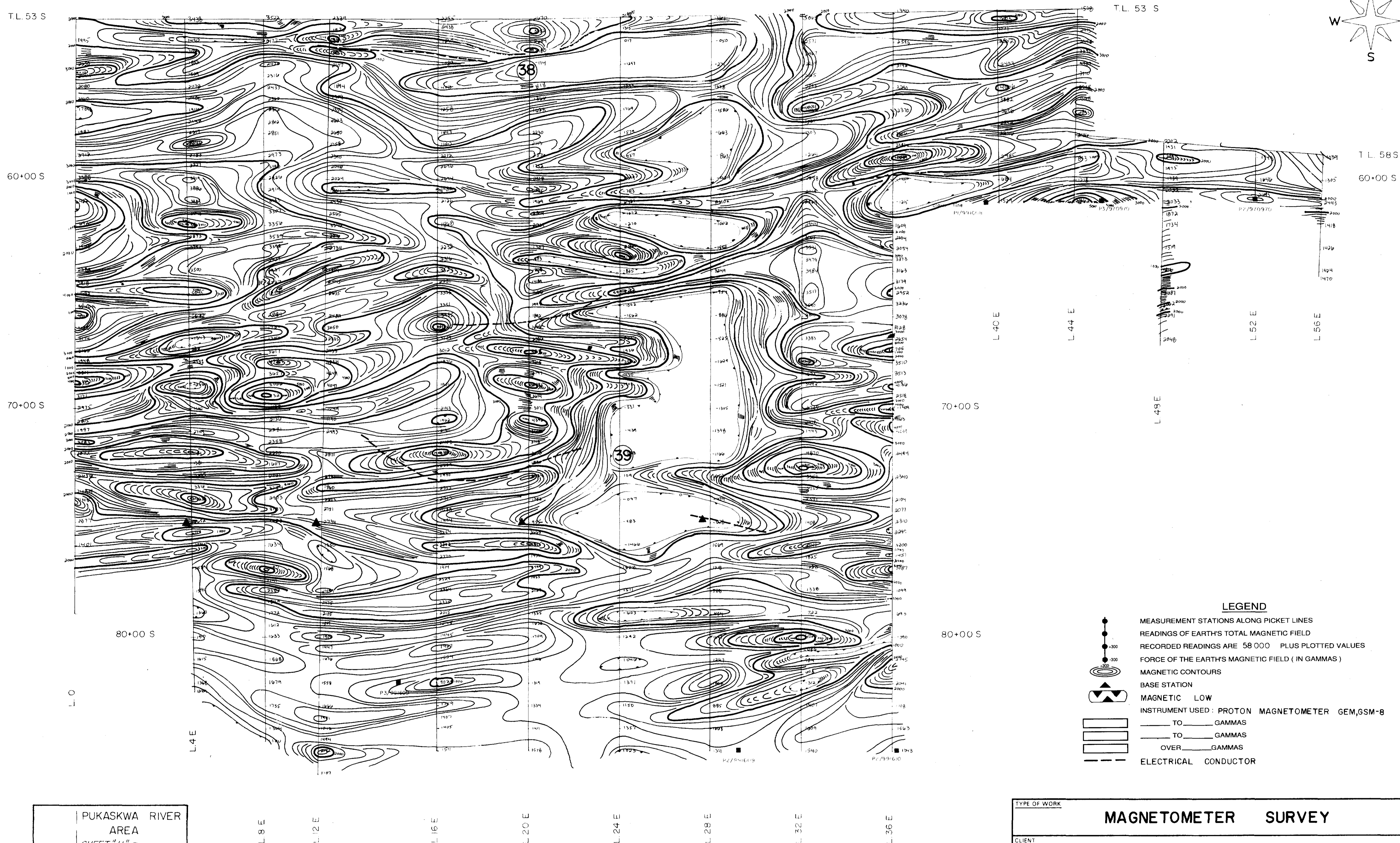
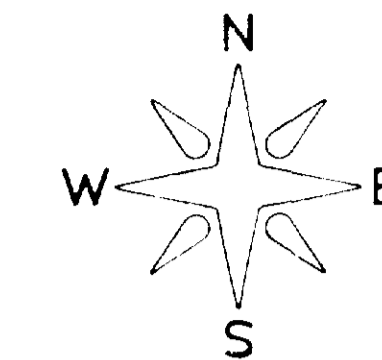
- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD (IN GAMMAS)
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED: PROTON MAGNETOMETER GEM, GSM-8
  - TO GAMMAS
  - TO GAMMAS
  - OVER GAMMAS
  - ELECTRICAL CONDUCTOR

<b>MAGNETOMETER SURVEY</b>	
CLIENT	KOALA RESOURCES LTD 2. 11809
PROJECT	STONE CREEK PUKASKWA RIVER AREA, ONT
DATE	AUGUST 1988
SCALE	1" = 200'
DRAWN BY	D.L.
MAP OR SHEET NO.	MG-10
H. Ferderber Geophysics Ltd	

30+00 S  
20+00 S  
10+00 S  
0+00 S  
10+00 E  
20+00 E  
30+00 E  
40+00 E  
50+00 E  
60+00 E



# PUKASKWA RIVER AREA



**LEGEND**

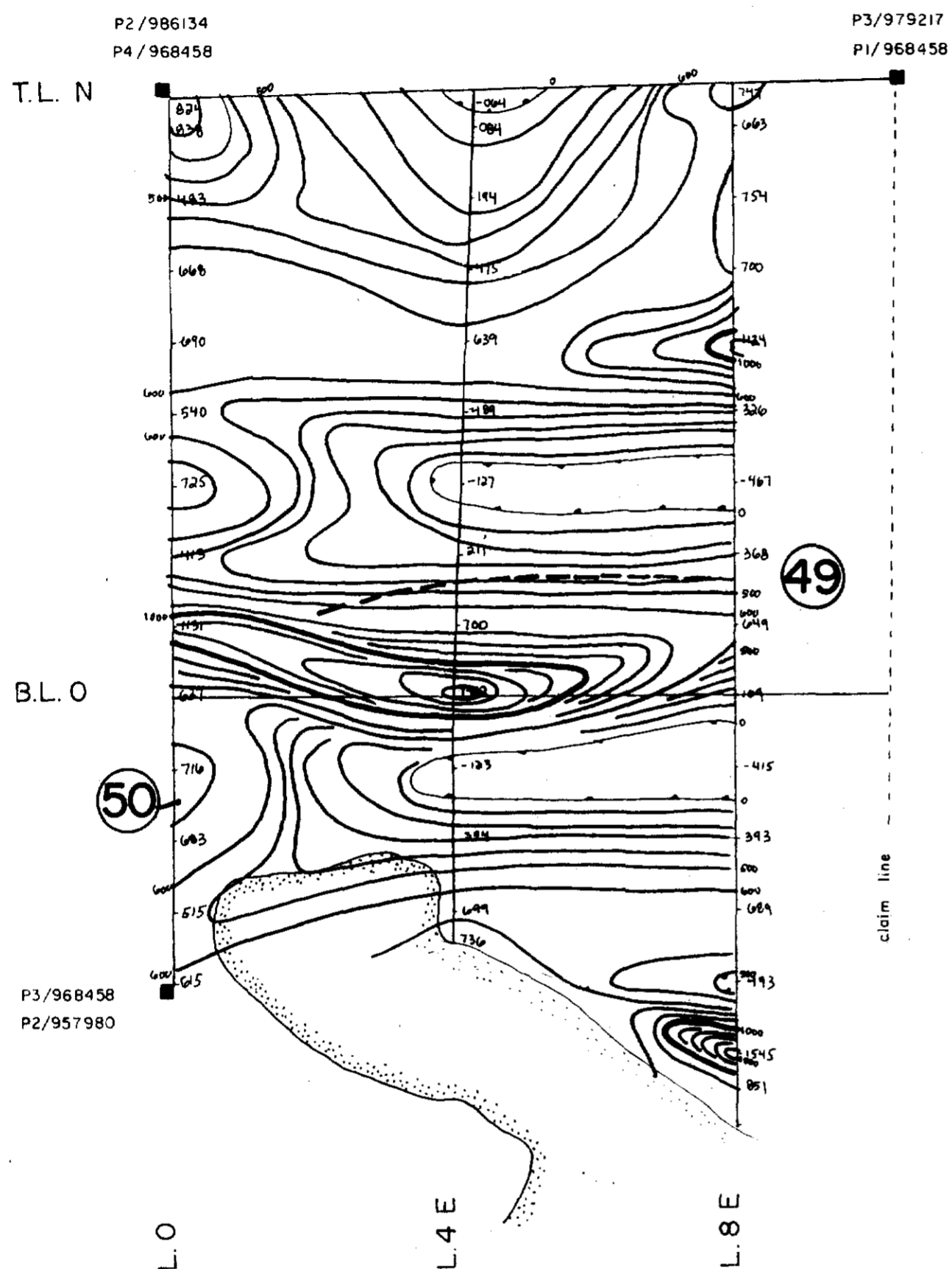
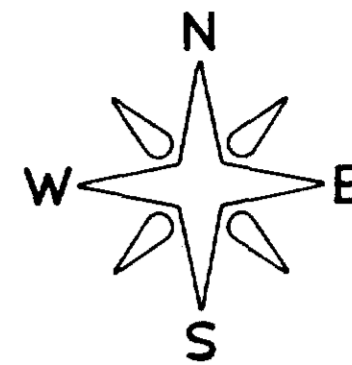
- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED : PROTON MAGNETOMETER GEM,GSM-8
- TO \_\_\_\_\_ GAMMAS
- TO \_\_\_\_\_ GAMMAS
- OVER \_\_\_\_\_ GAMMAS
- ELECTRICAL CONDUCTOR

PUKASKWA RIVER AREA  
SHEET "11"

CLAIM MAP  
Scale 1" = 1/2 mile

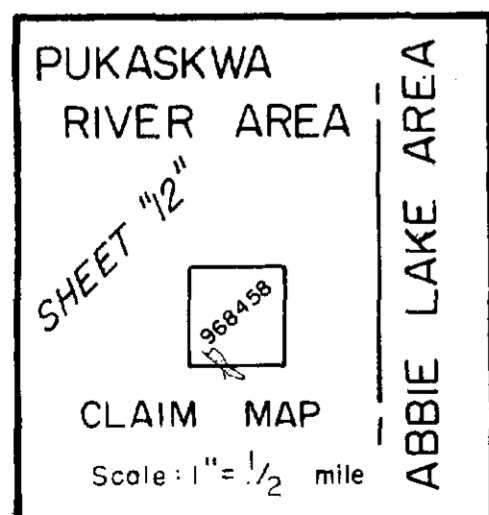
TYPE OF WORK		<b>MAGNETOMETER SURVEY</b>	
CLIENT			
STONEY CREEK		PUKASKWA RIVER AREA,ONT.	
<b>KOALA RESOURCES LTD. 2, 11809</b>			
PROJECT	SCALE	DATE	
	1" = 200'	AUGUST 1988	
DRAWN BY	MAP OR SHEET NO.		
<i>[Signature]</i>	MG-II		

# PUKASKWA RIVER AREA



## LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED : PROTON MAGNETOMETER GEM, GSM-8
- \_\_\_\_\_ TO \_\_\_\_\_ GAMMAS
- \_\_\_\_\_ TO \_\_\_\_\_ GAMMAS
- OVER \_\_\_\_\_ GAMMAS
- ELECTRICAL CONDUCTOR



TYPE OF WORK		<b>MAGNETOMETER SURVEY</b>		
CLIENT		<b>KOALA RESOURCES LTD. 11809</b>		
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT.	
 <i> Gordon M. Ferderber </i> <b>H. Ferderber Geophysics Ltd.</b>	SCALE	1" = 200'	DATE	AUGUST 1988
	DRAWN BY	<i>U.M.</i>	MAP OR SHEET NO.	MG-12 Grid 2



# PUKASKWA RIVER AREA

BL. 0+00

10+00 S

20+00 S

30+00 S

40+00 S

50+00 S

TL.53 S

60+00 S

70+00 S

L.116 W

L.112 W

L.108 W

L.104 W

L.100 W

L.96 W

L.92 W

L.88 W

L.84 W

L.80 W

L.76 W

L.72 W

L.68 W

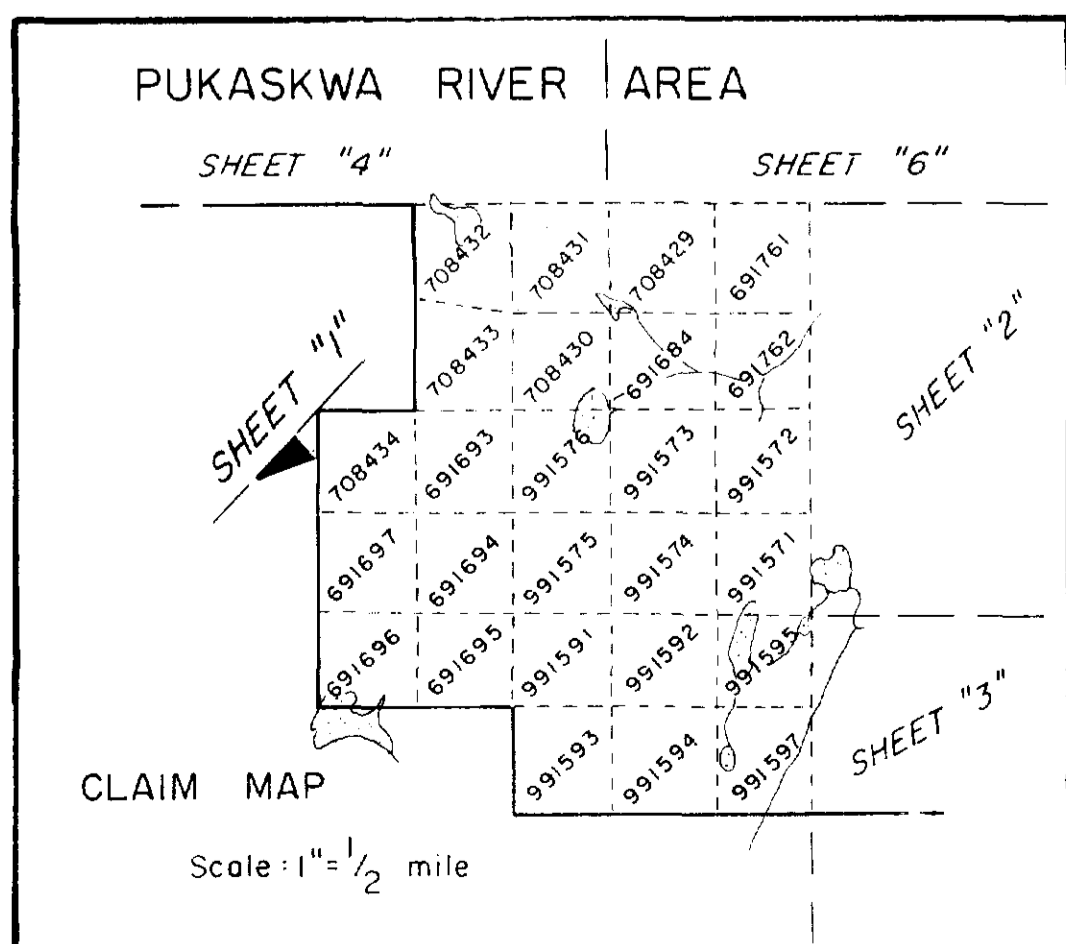
L.64 W

L.60 W

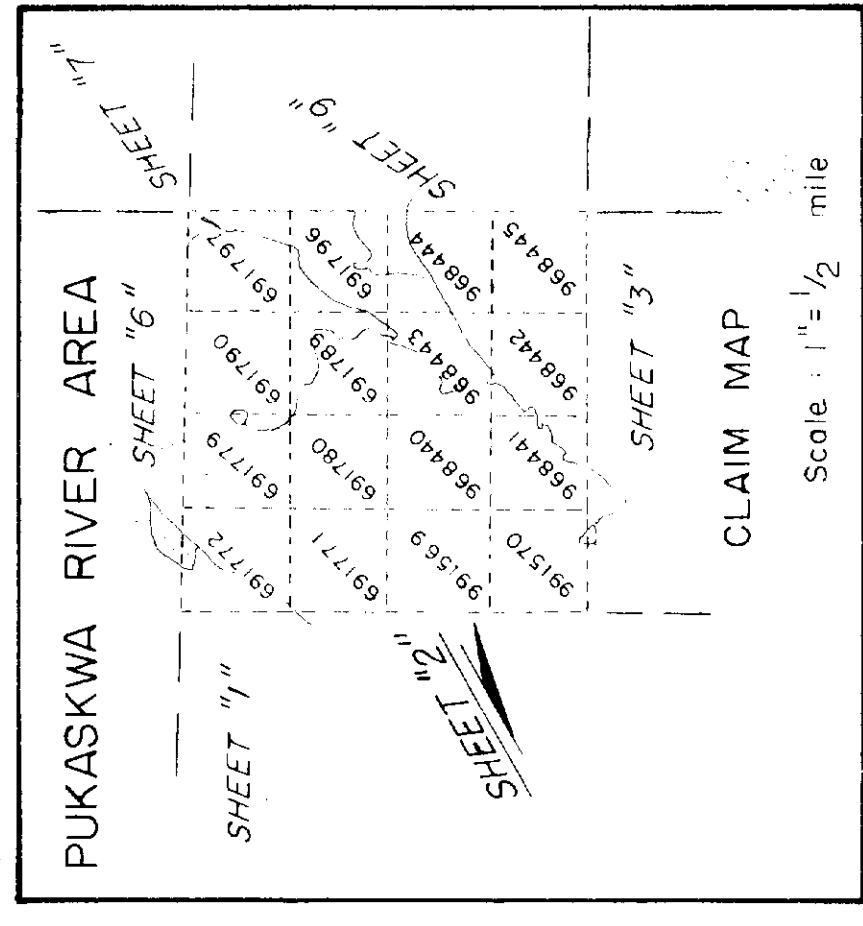
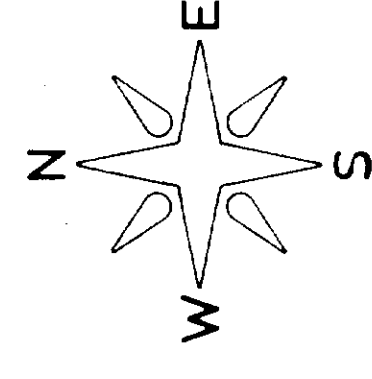
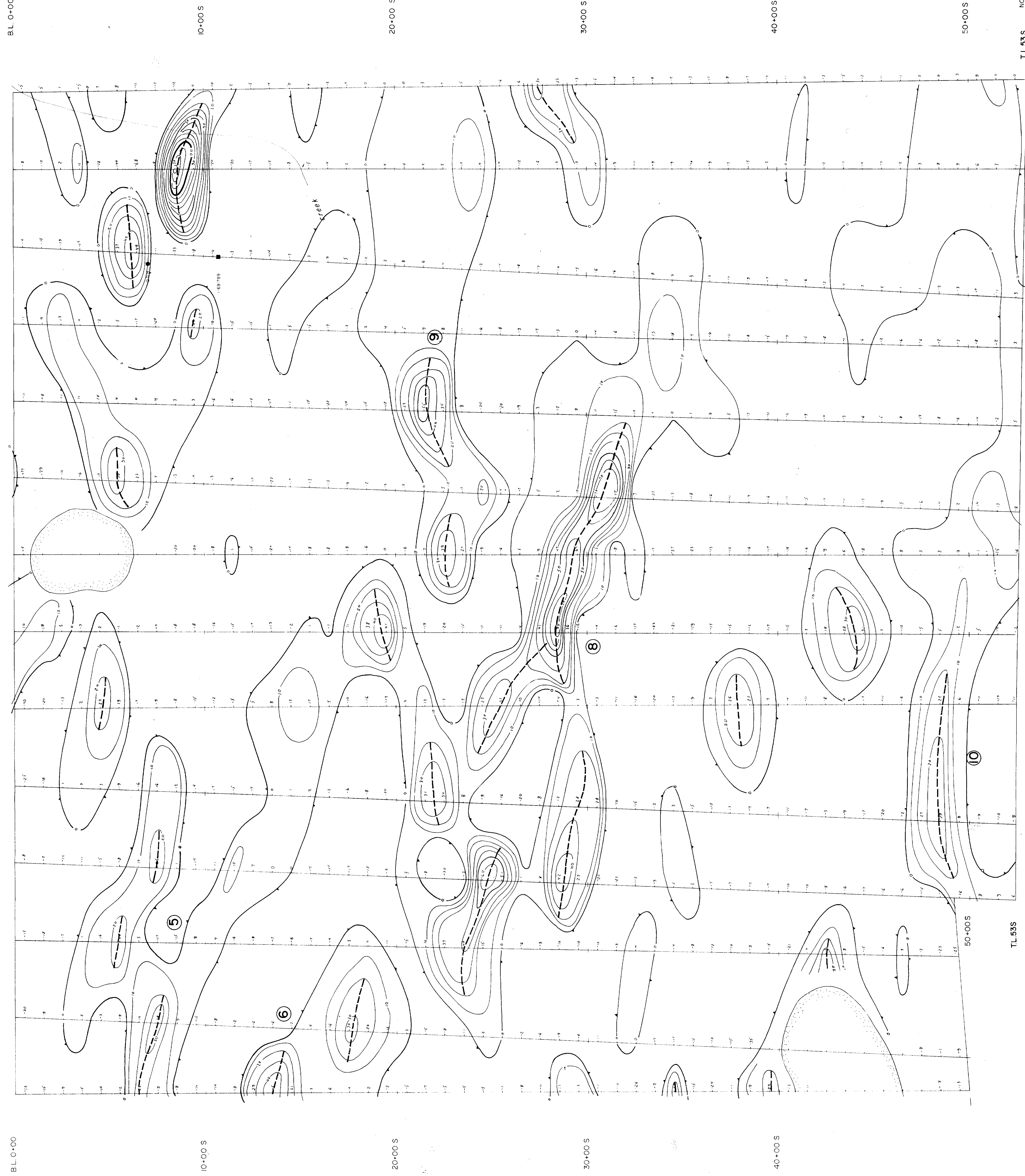
L.56 W

L.52 W

L.48 W



# PUKASKWA RIVER AREA



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - - - FRASER REDUCTION METHOD USED
  - CONTOUR INTERVAL : 10 %
  - ELECTRICAL CONDUCTOR
  - INSTRUMENT USED : GEONICS EM - 16
  - STATION USED : CUTLER, MAINE, USA (NAA 24.0 kHz.)
  - CLAIM POST

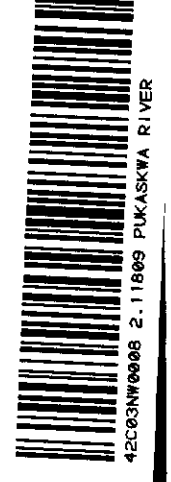
TL 53S

50+00S

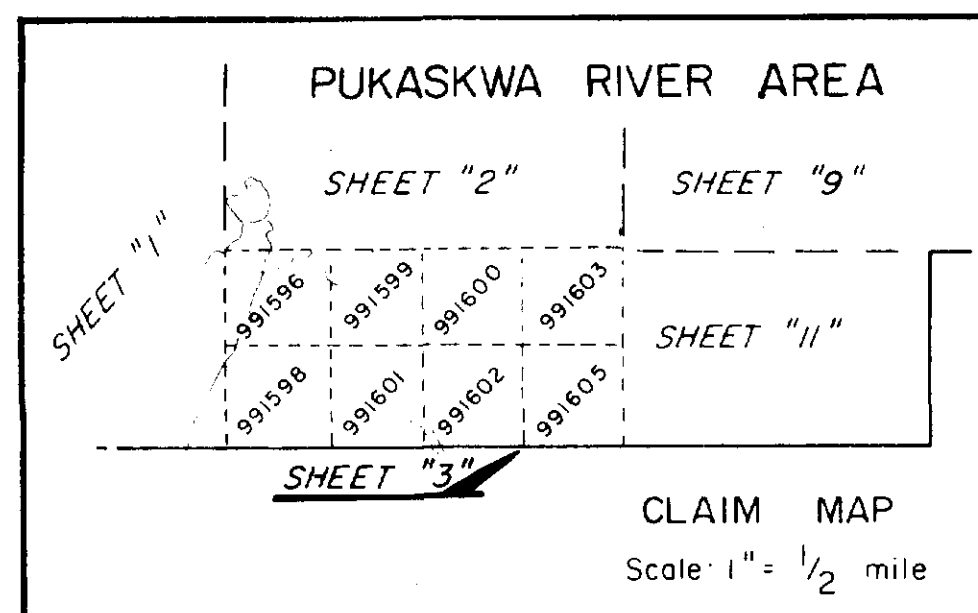
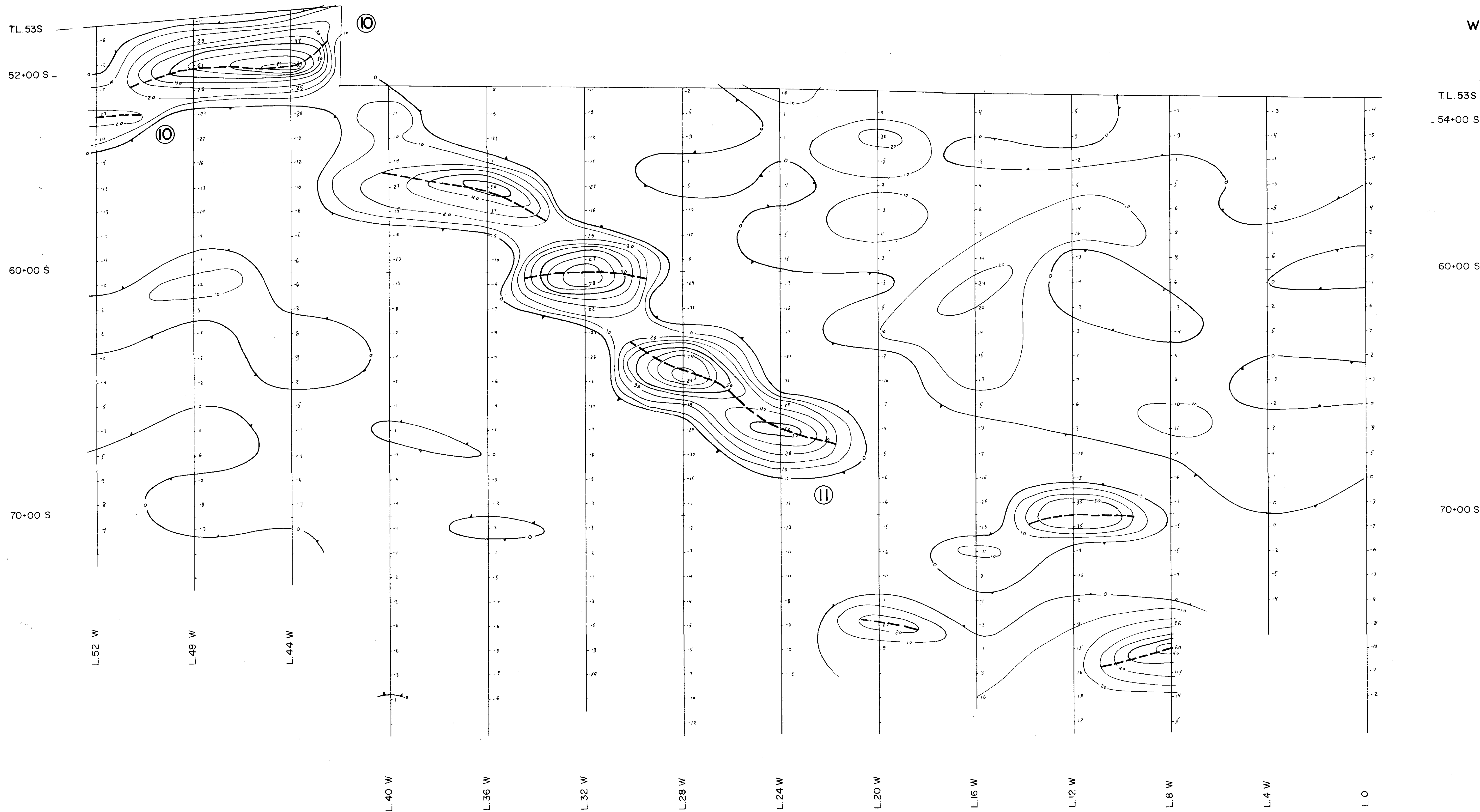
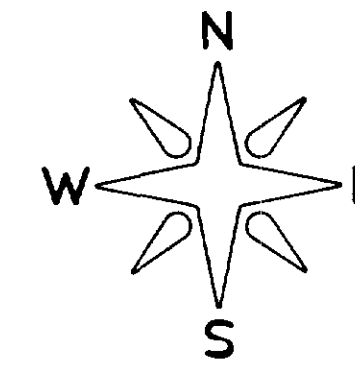
NOTE: Readings taken facing North, notes calculated South to North.

TYPE OF WORK		V.L.F. ELECTROMAGNETIC SURVEY	
CLIENT		KOALA RESOURCES LTD. 2. 11809	
PROJECT	AREA	SCALE	DATE
STONEY CREEK	PUKASKWA RIVER AREA, ONT.	1" = 200'	AUGUST 1988
DRAWN BY		MAP SHEET NO.	
H. Ferdenber Geophysics Ltd.		EM-2	

L 52 W    L 48 W    L 44 W    L 40 W    L 36 W    L 32 W    L 28 W    L 24 W    L 20 W    L 16 W    L 12 W    L 8 W    L 4 W    L 0



# PUKASKWA RIVER AREA



## LEGEND

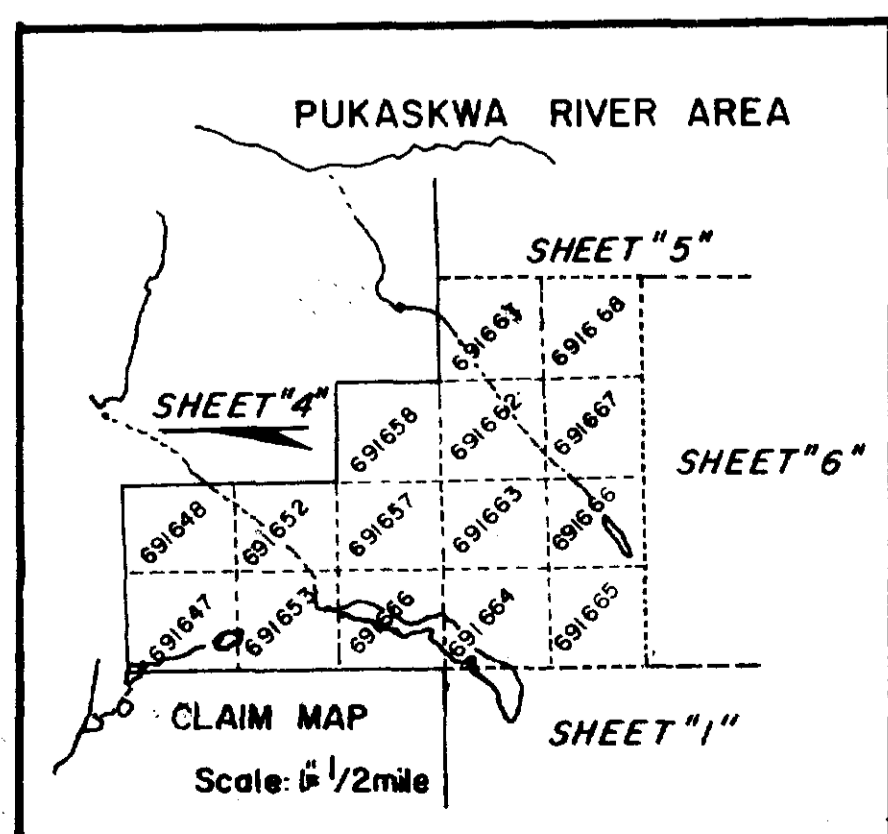
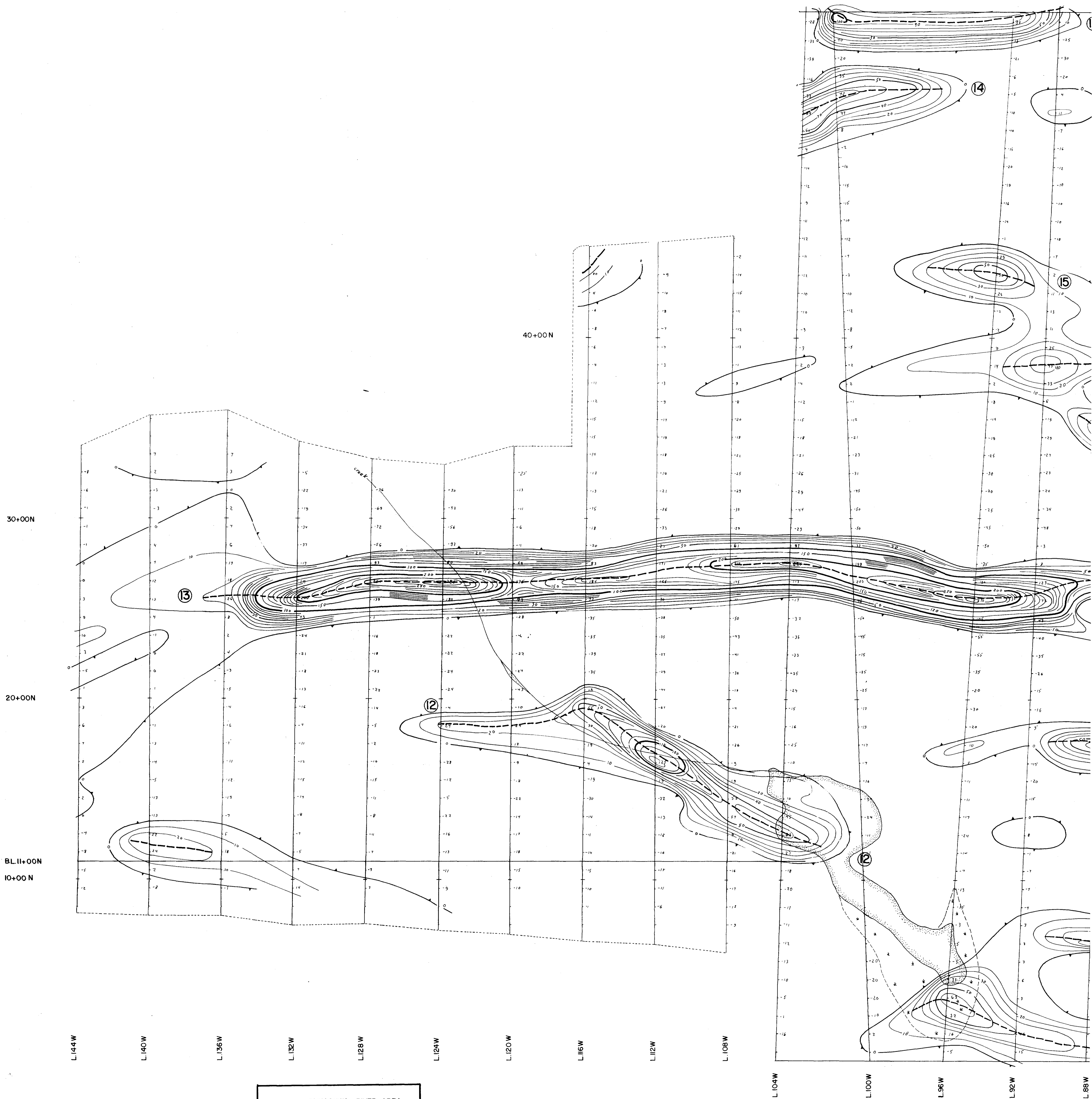
- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA, (N.A.A. 24.0 kHz.)
- CLAIM POST

NOTE: Readings taken facing North, notes calculated South to North

<b>TYPE OF WORK</b>	
<b>V.L.F. ELECTROMAGNETIC SURVEY</b>	
<b>CLIENT</b>	
<b>KOALA RESOURCES LTD. 2, 11809</b>	
<b>PROJECT</b>	<b>AREA</b>
STONEY CREEK	PUKASKWA RIVER AREA, ONT.
<b>SCALE</b>	<b>DATE</b>
1" = 200'	AUGUST 1988
<b>DRAWN BY</b>	<b>MAP OR SHEET NO.</b>
<i>H. Ferderber</i> H. Ferderber Geophysics Ltd.	EM-3

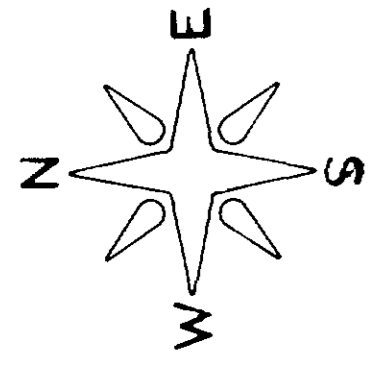


# PUKASKWA RIVER AREA



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - FRASER REDUCTION METHOD USED
  - CONTOUR INTERVAL : 10 %
  - ELECTRICAL CONDUCTOR
  - INSTRUMENT USED : GEONICS EM - 16
  - STATION USED : CUTLER, MAINE, USA (N.A.A. 24.0 KHz.)
  - CLAIM POST





# PUKASKWA RIVER AREA

100+00N

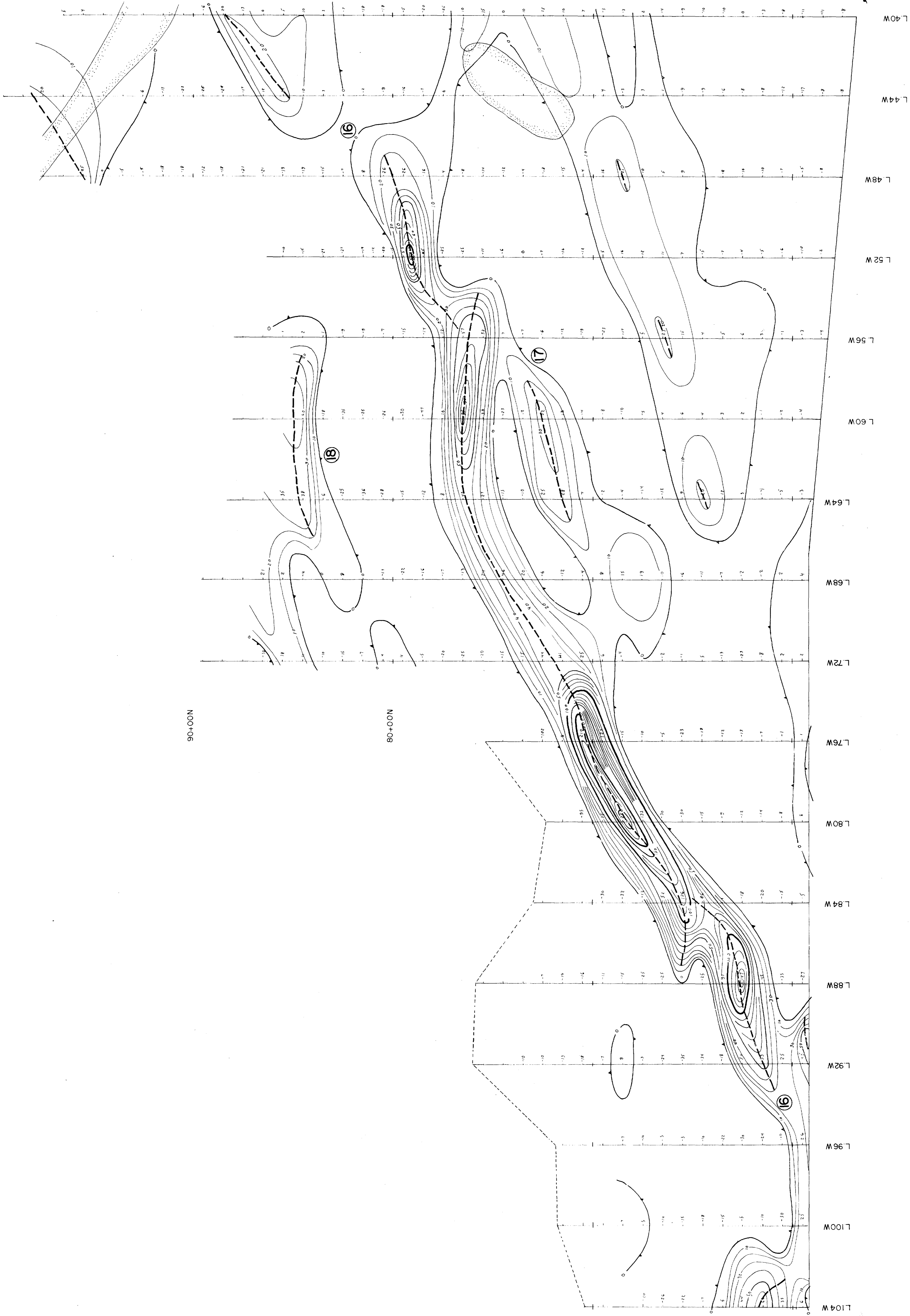
90+00N

80+00N

70+00N

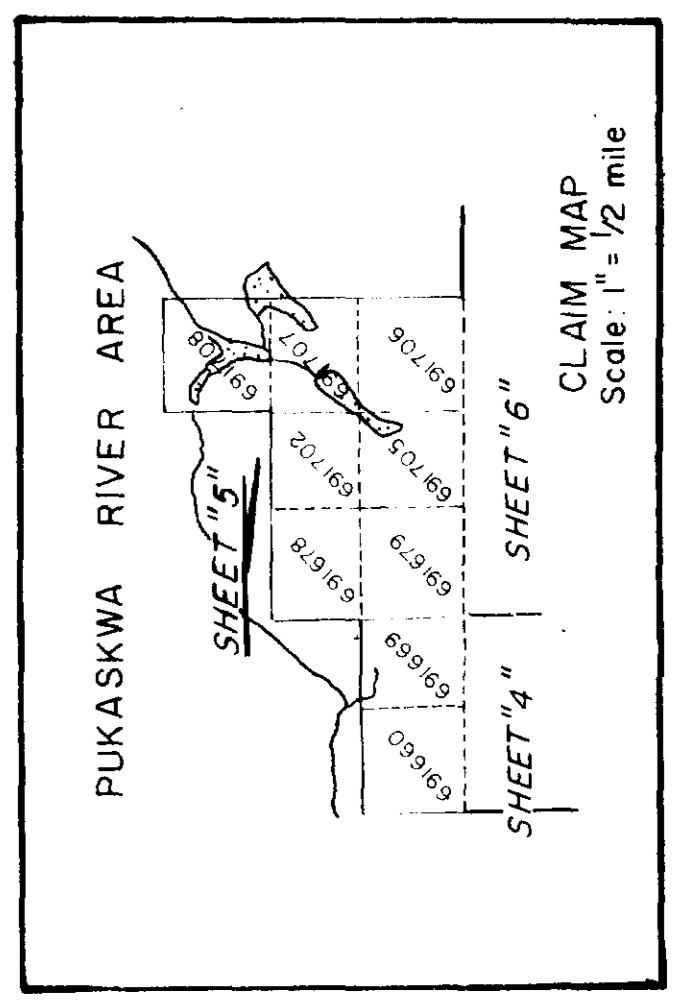
60+00N

TL 53N



### LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL: 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED: GEONICS EM - 16
- STATION USED: CUTLER, MAINE, USA. (N.A.A. 24.0 KHZ)
- CLAIM POST



NOTE: Readings taken facing North, notes calculated South to North

V.L.F. ELECTROMAGNETIC SURVEY	
PROJECT: KOALA RESOURCES LTD. 2.11809	
AREA: PUKASKWA RIVER AREA, ONT	DATE: AUGUST 1988
PROJECT: STONEY CREEK	SCALE: 1" = 200'
CLIENT: H. Ferderbar Geophysics Ltd.	DRAWN BY: J. M.
	MAP OR SHEET NO.: EM-5





# PUKASKWA RIVER AREA

TL 53N

50+00N

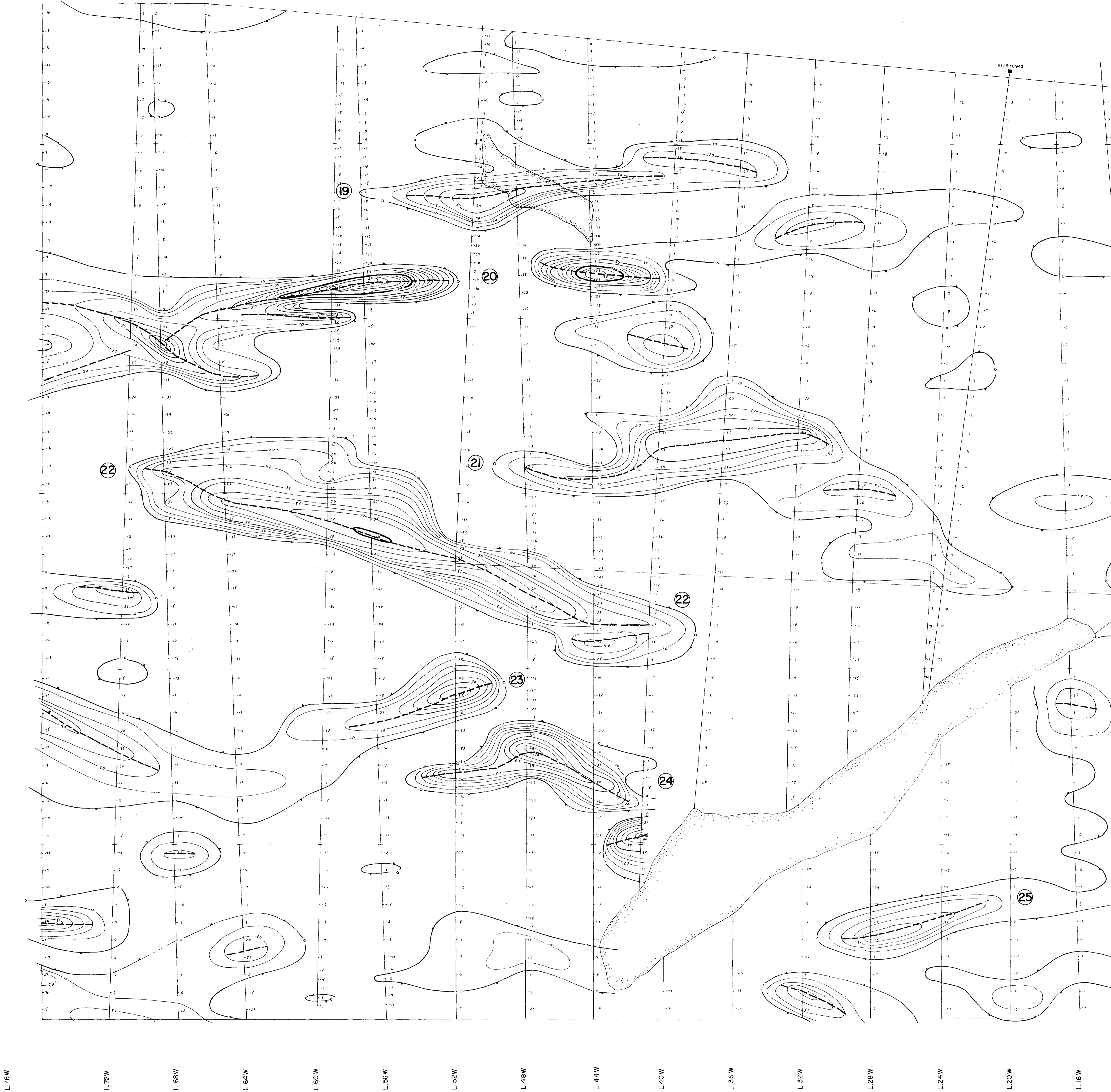
40+00N

30+00N

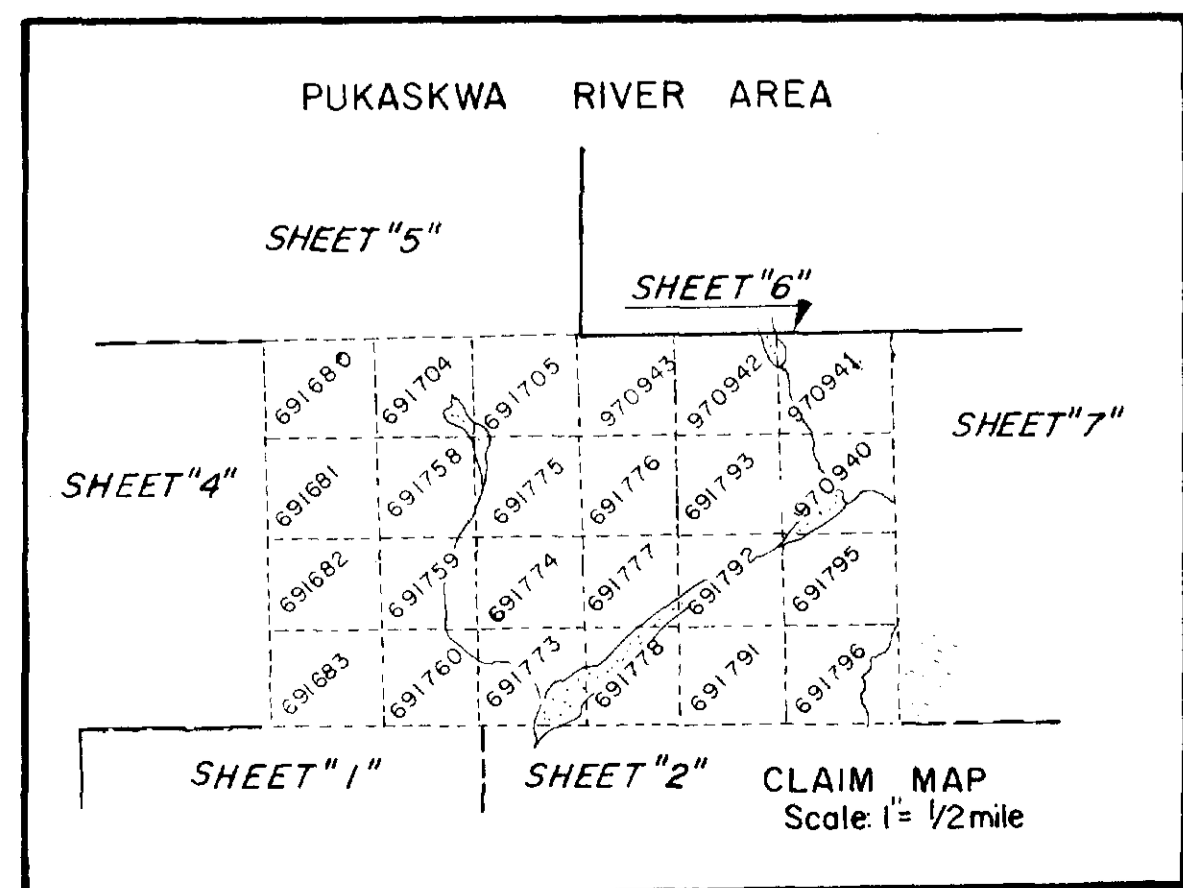
20+00N

10+00N

BL 0+00



L 76W      L 72W      L 68W      L 64W      L 60W      L 56W      L 52W      L 48W      L 44W      L 40W      L 36W      L 32W      L 28W      L 24W      L 20W      L 16W

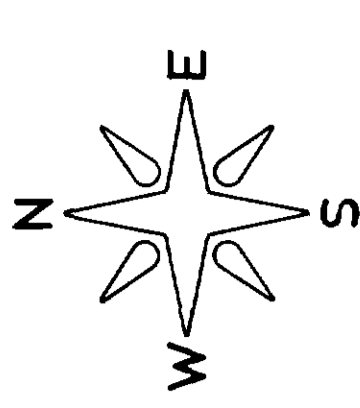


## LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA (N.A.A. 24 0 kHz.)
- CLAIM POST

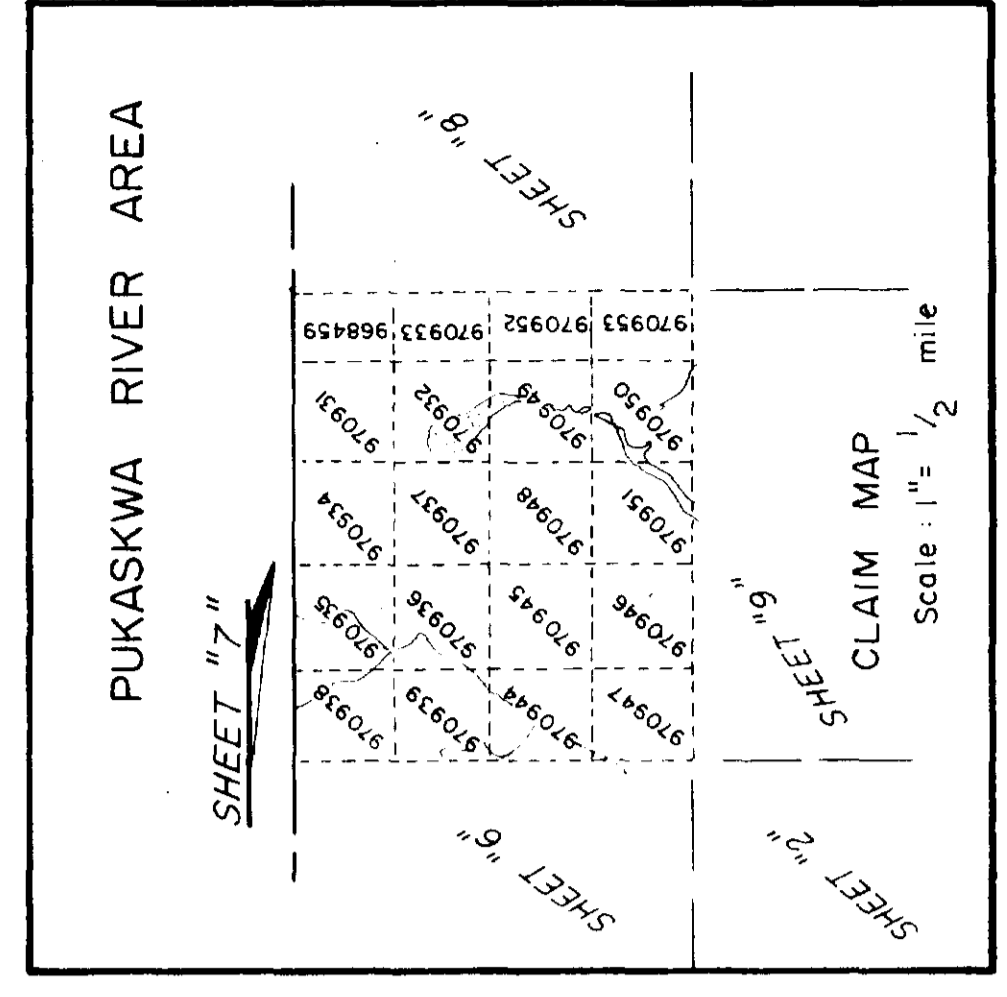


PUKASKWA RIVER AREA



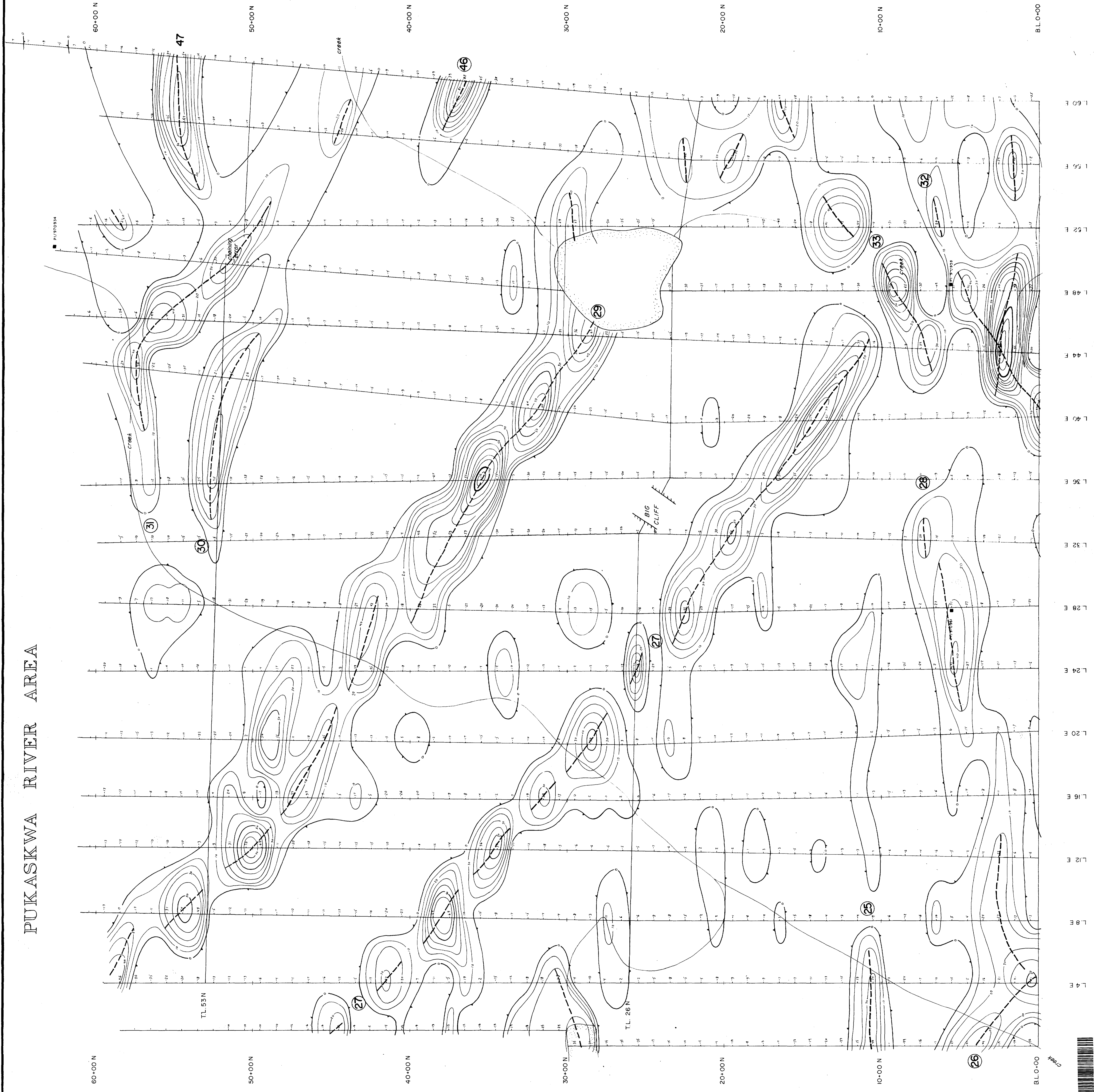
**LEGEND**

MEASUREMENT STATIONS ALONG PICKET LINES  
 FRASER REDUCTION METHOD USED  
 CONTOUR INTERVAL : 10 %  
 ELECTRICAL CONDUCTOR  
 INSTRUMENT USED : GEONICS EM - 16  
 STATION USED : CUTLER, MAINE, USA (N.A.A. 24.0 KHZ)  
 CLAIM POST

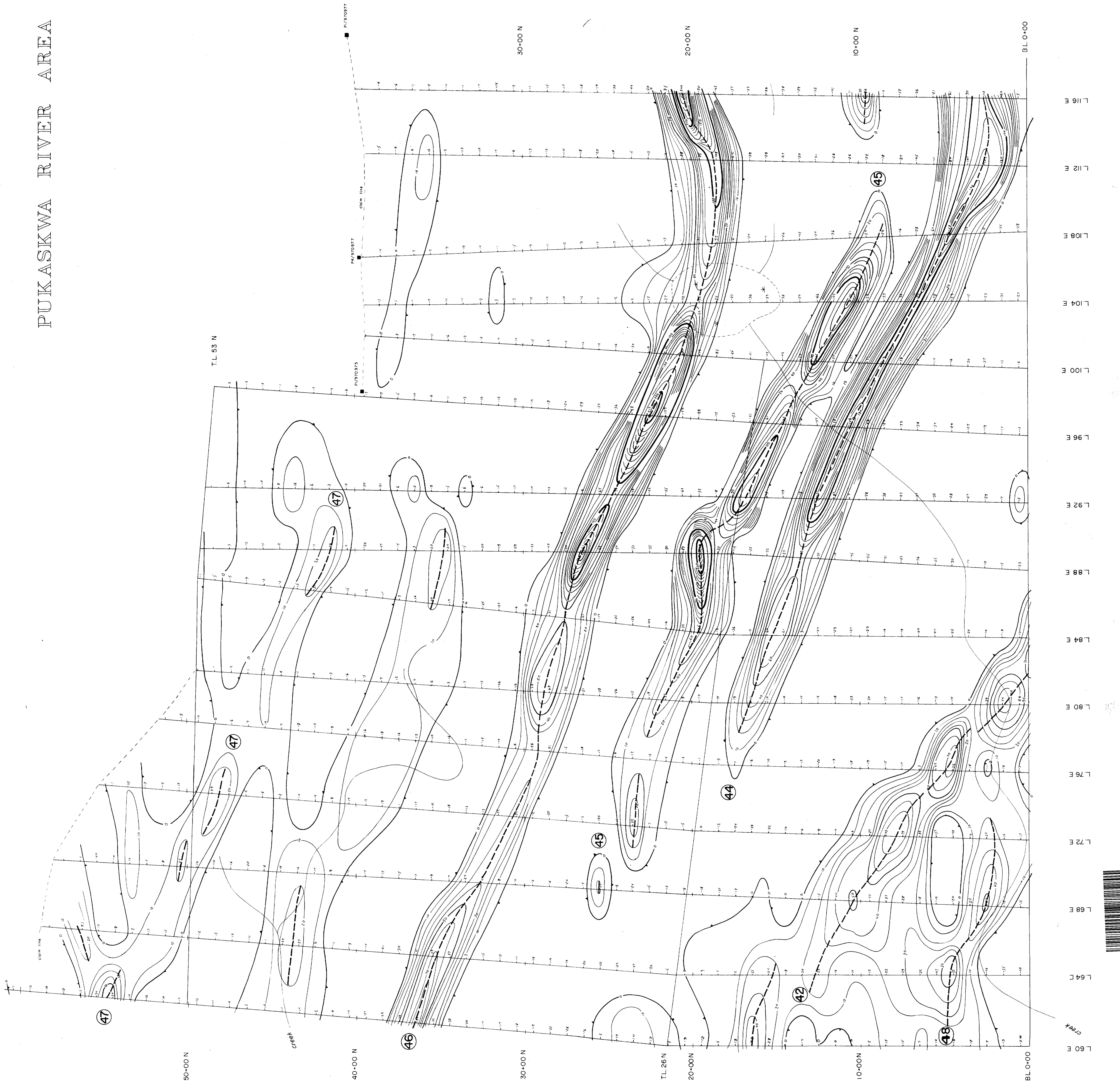
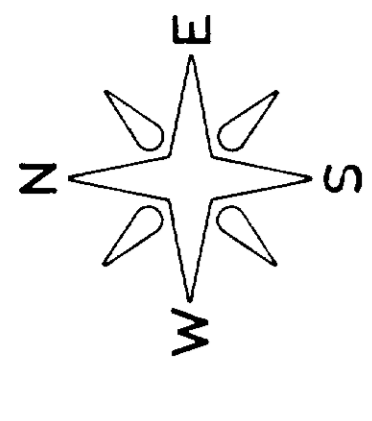


NOTE: Readings taken facing North, notes calculated South to North

TYPE OF WORK		2. 11809	
V.L.F. ELECTROMAGNETIC SURVEY			
CLIENT	KOALA RESOURCES LTD.		
PROJECT	AREA	DATE	SCALE
	PUKASKWA RIVER AREA, ONT.	AUGUST 1988	1" = 200'
		DRAWN BY	MAX SHEET NO.
		H. Fardier	EM-7

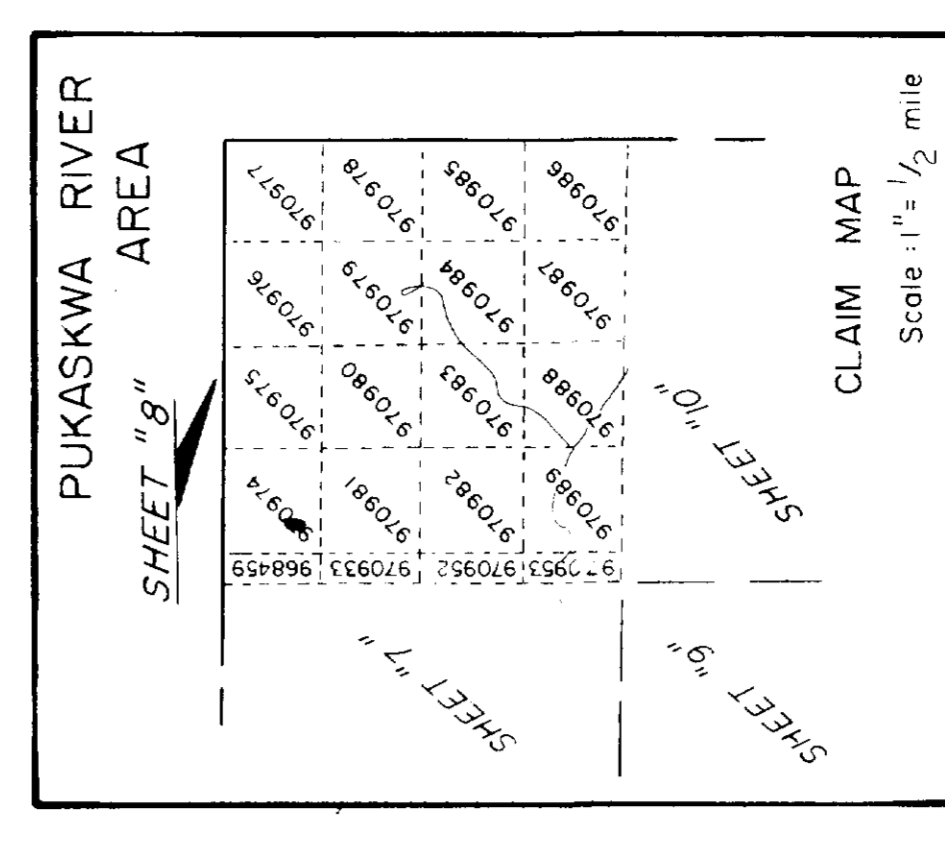


# PUKASKWA RIVER AREA



**LEGEND**

- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL: 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED: GEONICS EM - 16
- STATION USED: CUTLER, MAINE, USA (N.A.A. 24.0 kHz)
- CLAIM POST



NOTE: Readings taken facing North, notes calculated South to North

TYPE OF WORK: **VLF ELECTROMAGNETIC SURVEY**

CLIENT: **KOALA RESOURCES LTD. 2. 11809**

PROJECT: **STONEY CREEK**

AREA: **PUKASKWA RIVER AREA, ONT.**

SCALE: **1" = 200'**

DATE: **AUGUST 1988**

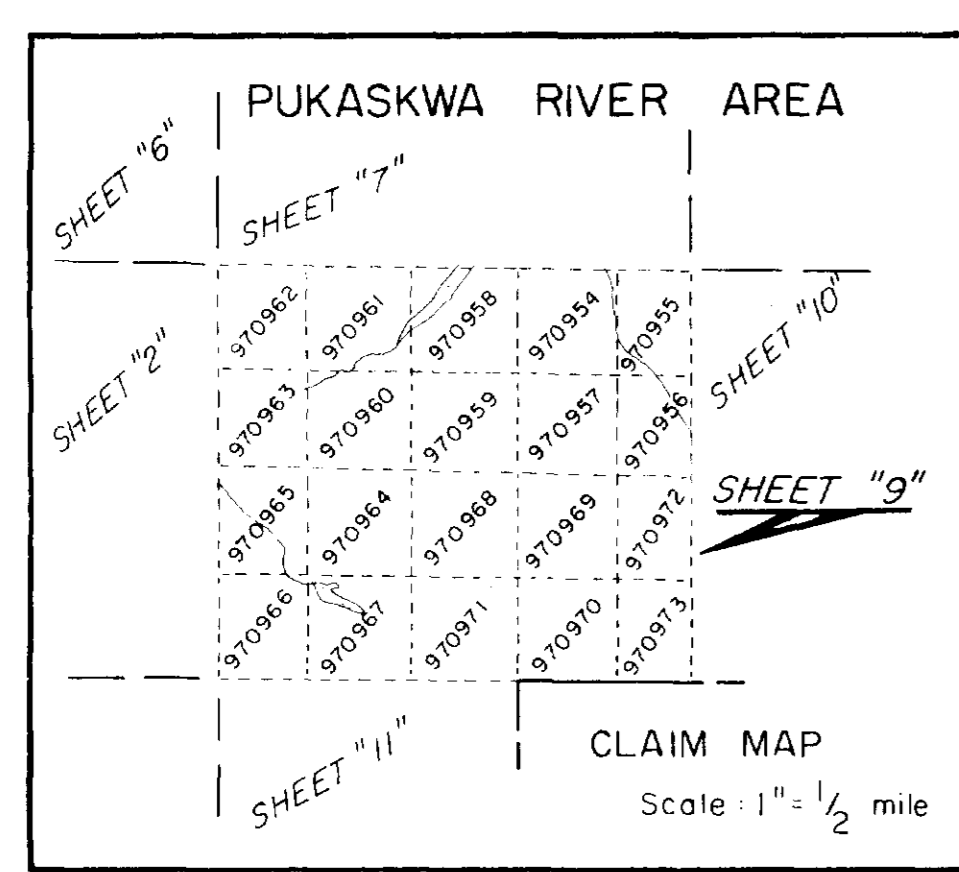
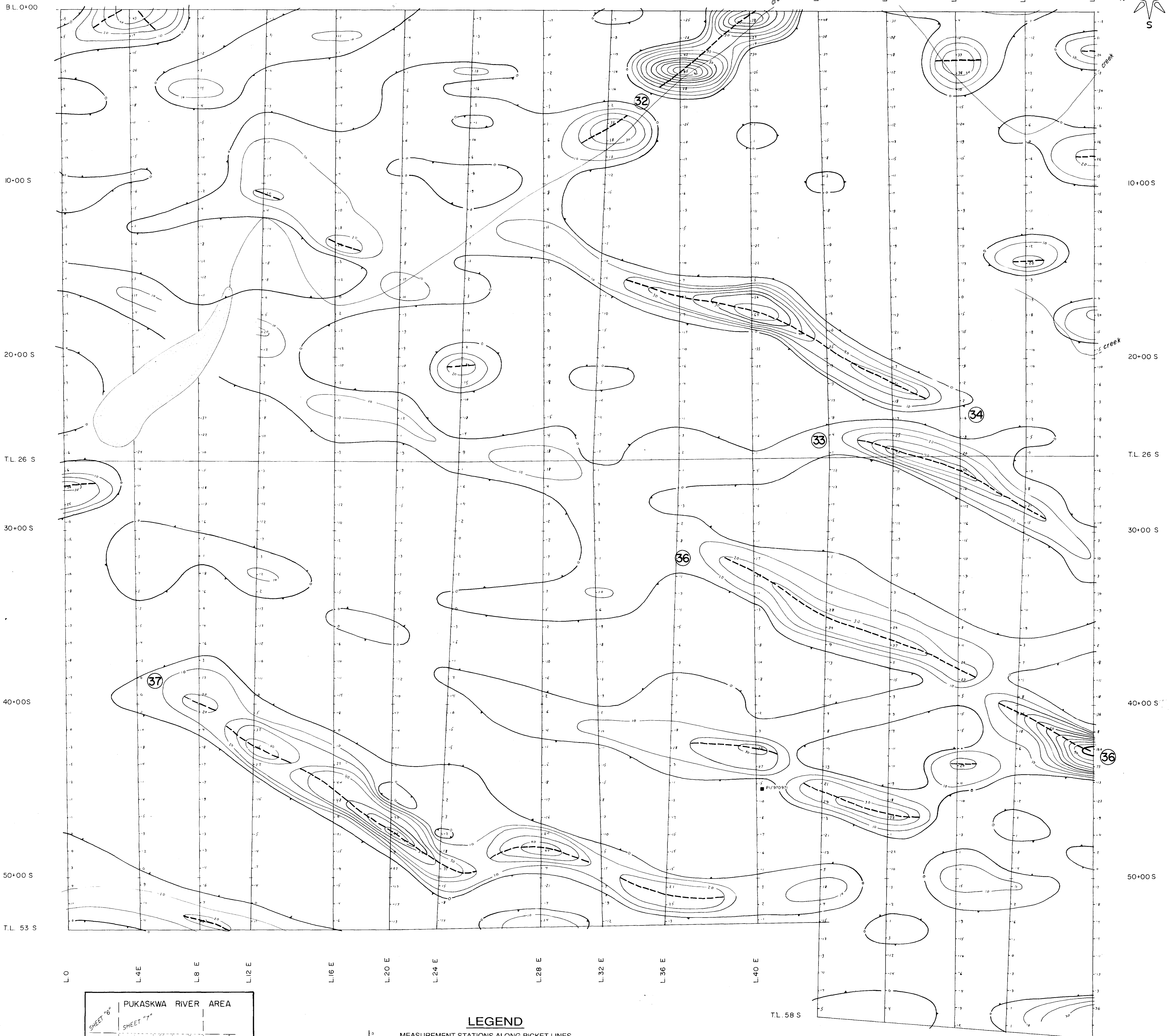
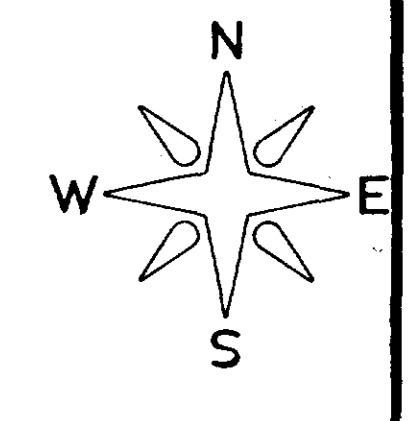
DRAWN BY: *H. Ferderber*

H. Ferderber Geophysics Ltd.

MAP OR SHEET NO. **EM-9**



# PUKASKWA RIVER AREA



### LEGEND

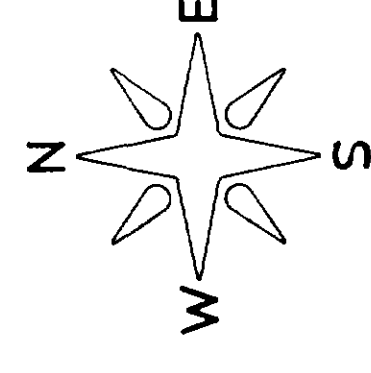
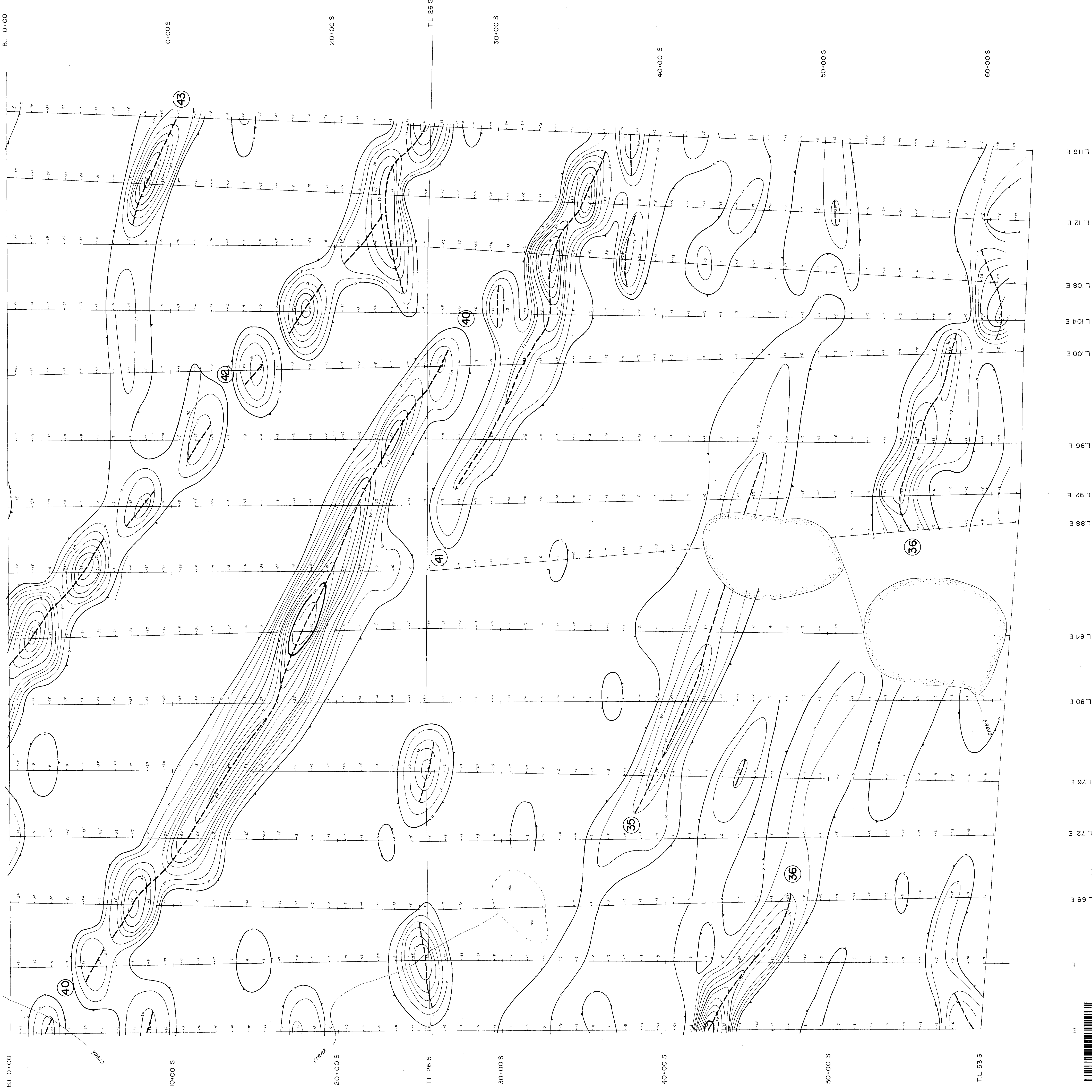
- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA. (N.A.A. 24.0 kHz.)
- CLAIM POST

NOTE: Readings taken facing North, notes calculated South to North

<b>TYPE OF WORK</b>	
<b>V.L.F.-ELECTROMAGNETIC SURVEY</b>	
<b>CLIENT</b>	
<b>KOALA RESOURCES LTD 2, 11809</b>	
<b>PROJECT</b>	<b>AREA</b>
STONEY CREEK	PUKASKWA RIVER AREA, ONT.
 <b>H. Ferderber Geophysics Ltd.</b>	<b>SCALE</b>
1" = 200'	<b>DATE</b>
AUGUST 1988	<b>MAP OR SHEET NO.</b>
EM-9	

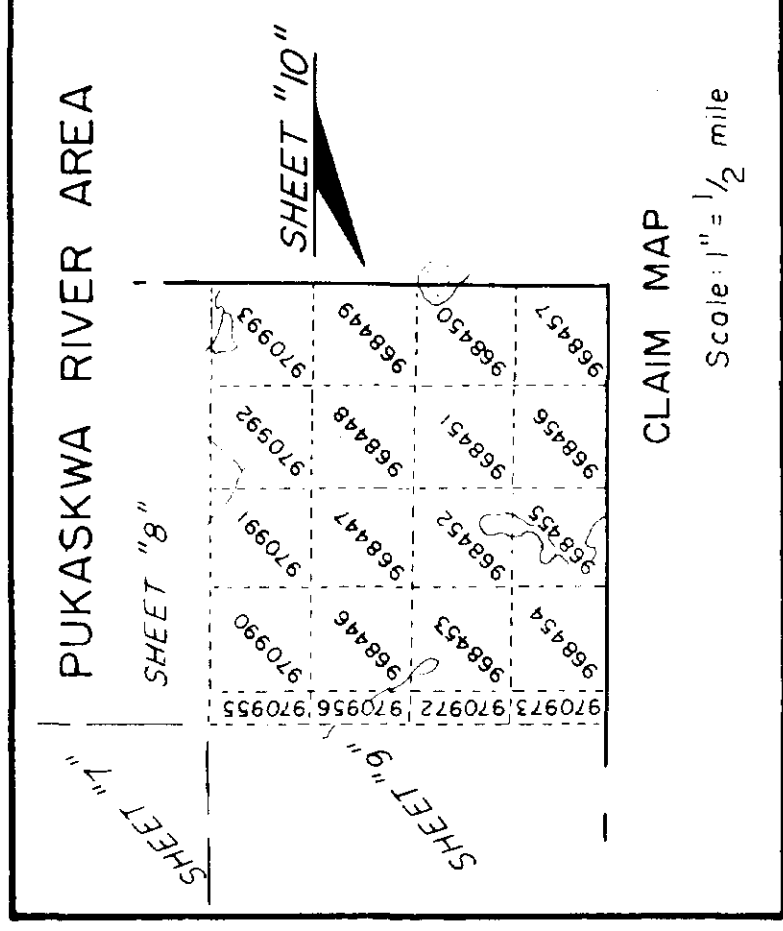


PUKASKWA RIVER AREA



**LEGEND**

- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA (N.A.A. 24.0 MHz.)
- CLAIM POST



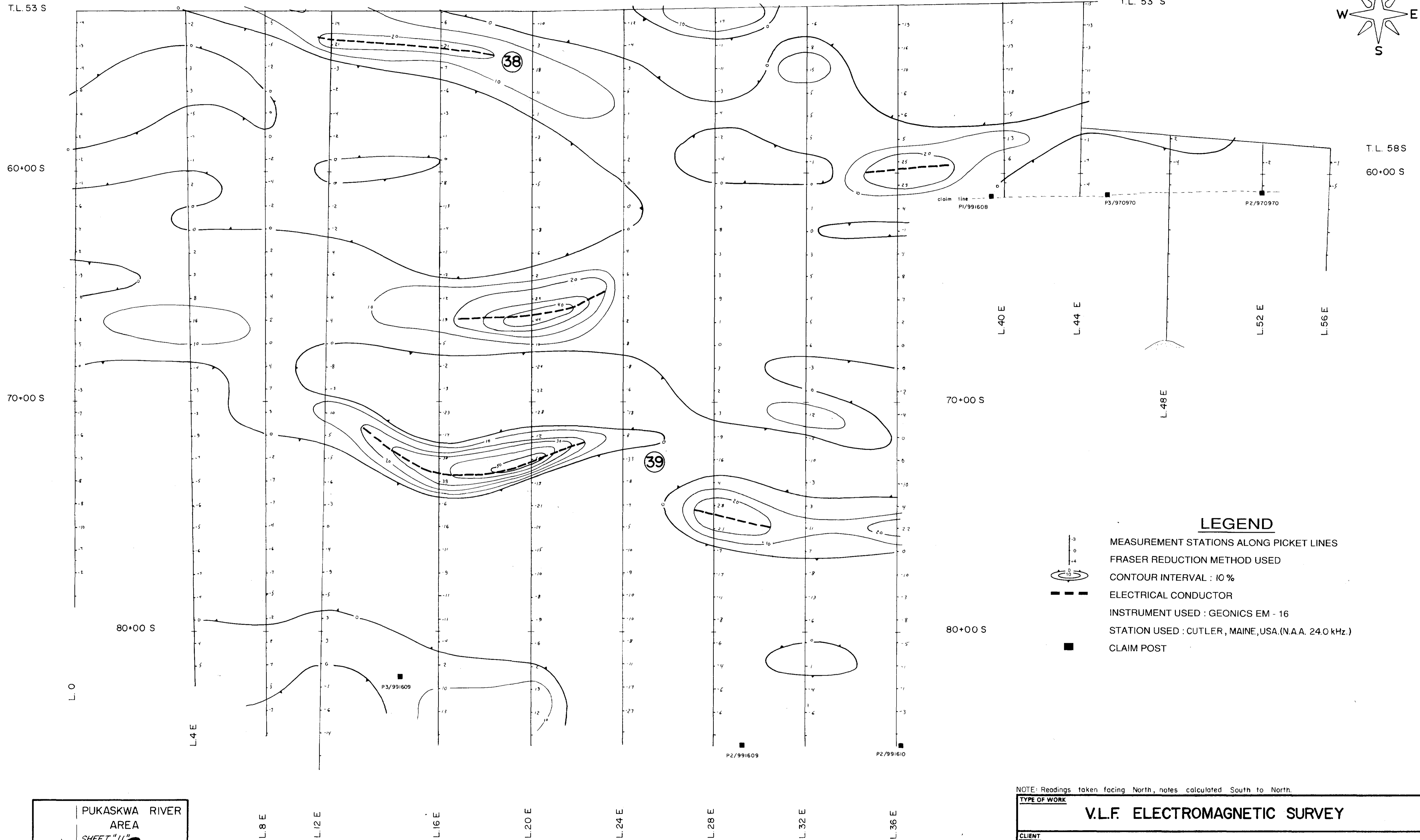
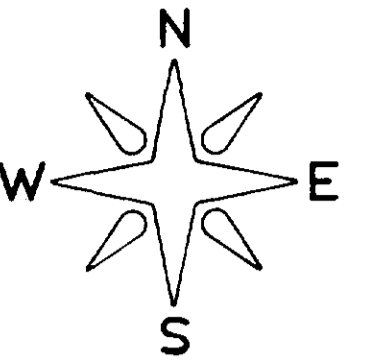
NOTE: Readings taken facing North, notes calculated South to North

<b>V.L.F. ELECTROMAGNETIC SURVEY</b>	
CLIENT	KOALA RESOURCES LTD. 2.11809
PROJECT	STONEY CREEK
AREA	PUKASKWA RIVER AREA, ONT.
SCALE	1" = 200'
DATE	AUGUST 1988
DRAWN BY	H. Ferdenber
MAP OR SHEET NO.	EM-10
H. Ferdenber Geophysics Ltd.	

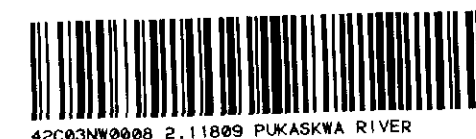
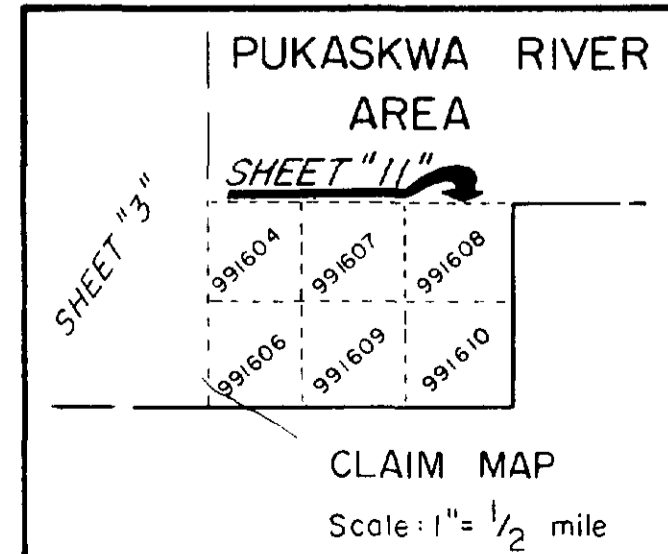


5560

# PUKASKWA RIVER AREA



- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - FRASER REDUCTION METHOD USED
  - CONTOUR INTERVAL : 10 %
  - ELECTRICAL CONDUCTOR
  - INSTRUMENT USED : GEONICS EM - 16
  - STATION USED : CUTLER, MAINE, USA. (N.A.A. 24.0 kHz.)
  - CLAIM POST

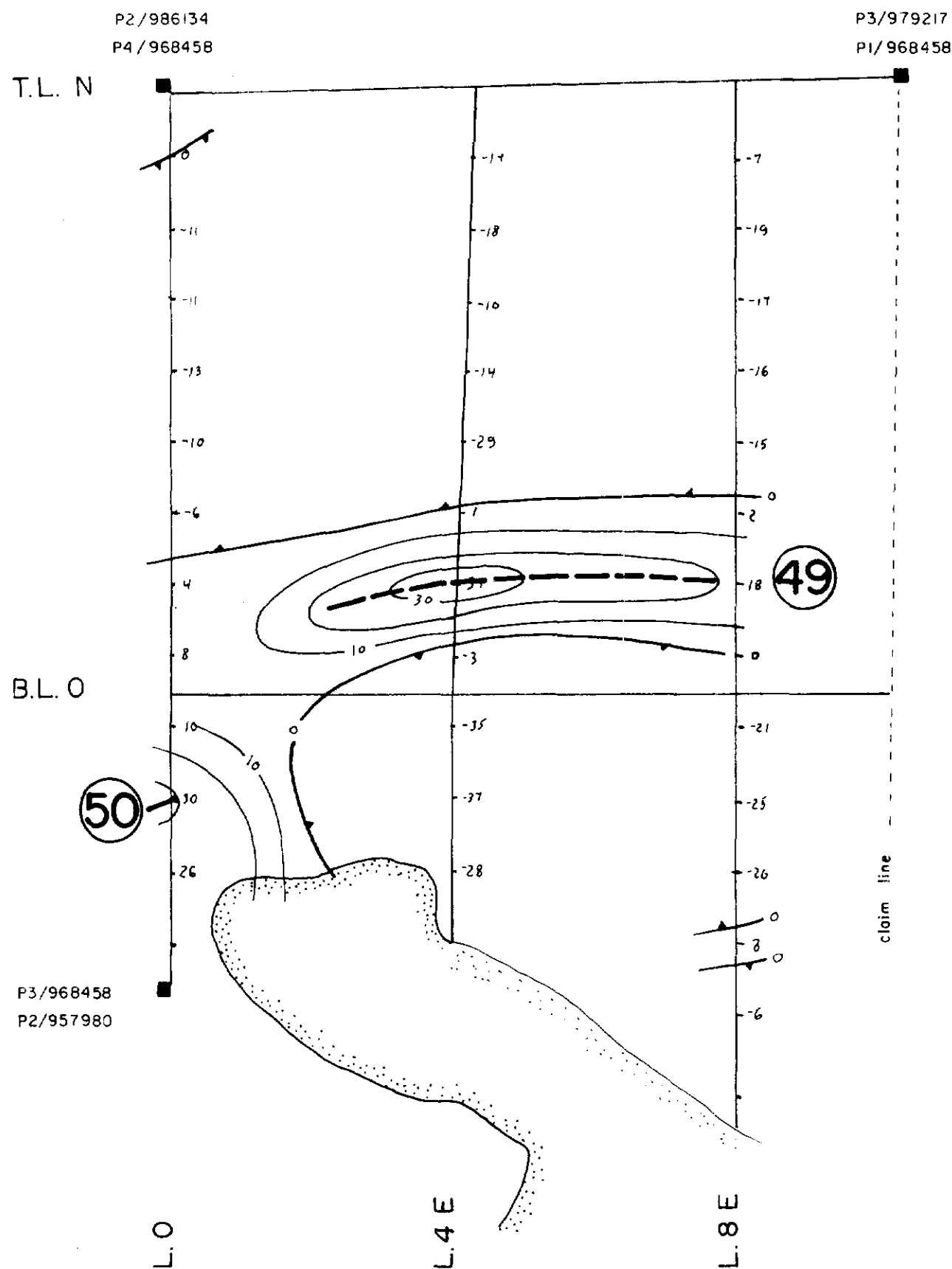
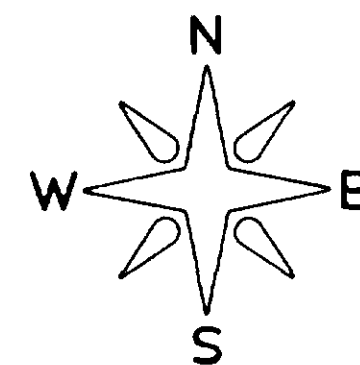


530

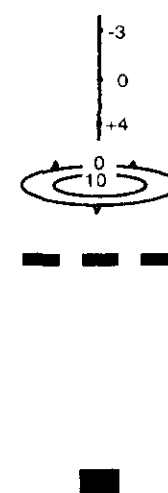
NOTE: Readings taken facing North, notes calculated South to North.

<b>TYPE OF WORK</b>		
<b>V.L.F. ELECTROMAGNETIC SURVEY</b>		
<b>CLIENT</b>		
<b>KOALA RESOURCES LTD. 11809</b>		
<b>PROJECT</b>	<b>AREA</b>	
STONEY CREEK	PUKASKWA RIVER AREA, ONT.	
<b>SCALE</b>	<b>DATE</b>	
1" = 200'	AUGUST 1988	
<b>DRAWN BY</b>		<b>MAP OR SHEET NO.</b>
<i>[Signature]</i> H. Forderber Geophysics Ltd.		EM-11

# PUKASKWA RIVER AREA

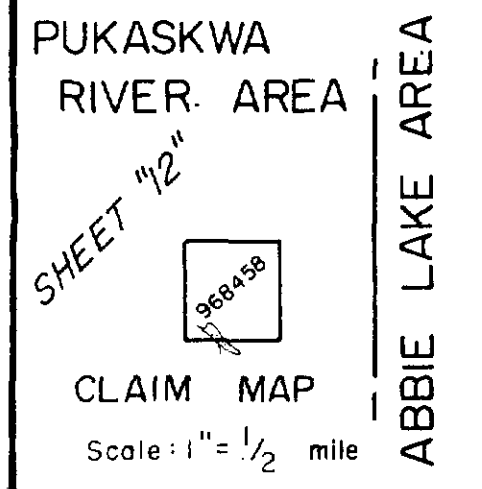


## LEGEND



- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10 %
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA.(N.A.A. 24.0 kHz.)
- CLAIM POST

P3/968458  
P2/957980



NOTE: Readings taken facing North, notes calculated South to North

<b>TYPE OF WORK</b>	
V.L.F. ELECTROMAGNETIC SURVEY	
<b>CLIENT</b>	
KOALA RESOURCES LTD. 2.11809	
<b>PROJECT</b>	<b>AREA</b>
STONEY CREEK	PUKASKWA RIVER AREA, ONT.
<b>SCALE</b>	<b>DATE</b>
1" = 200'	AUGUST 1988
<b>DRAWN BY</b>	<b>MAP OR SHEET NO.</b>
<i>U.M.</i>	Grid 2 EM-12

*Gordon M. Kenworthy*  
H. Ferderber Geophysics Ltd.



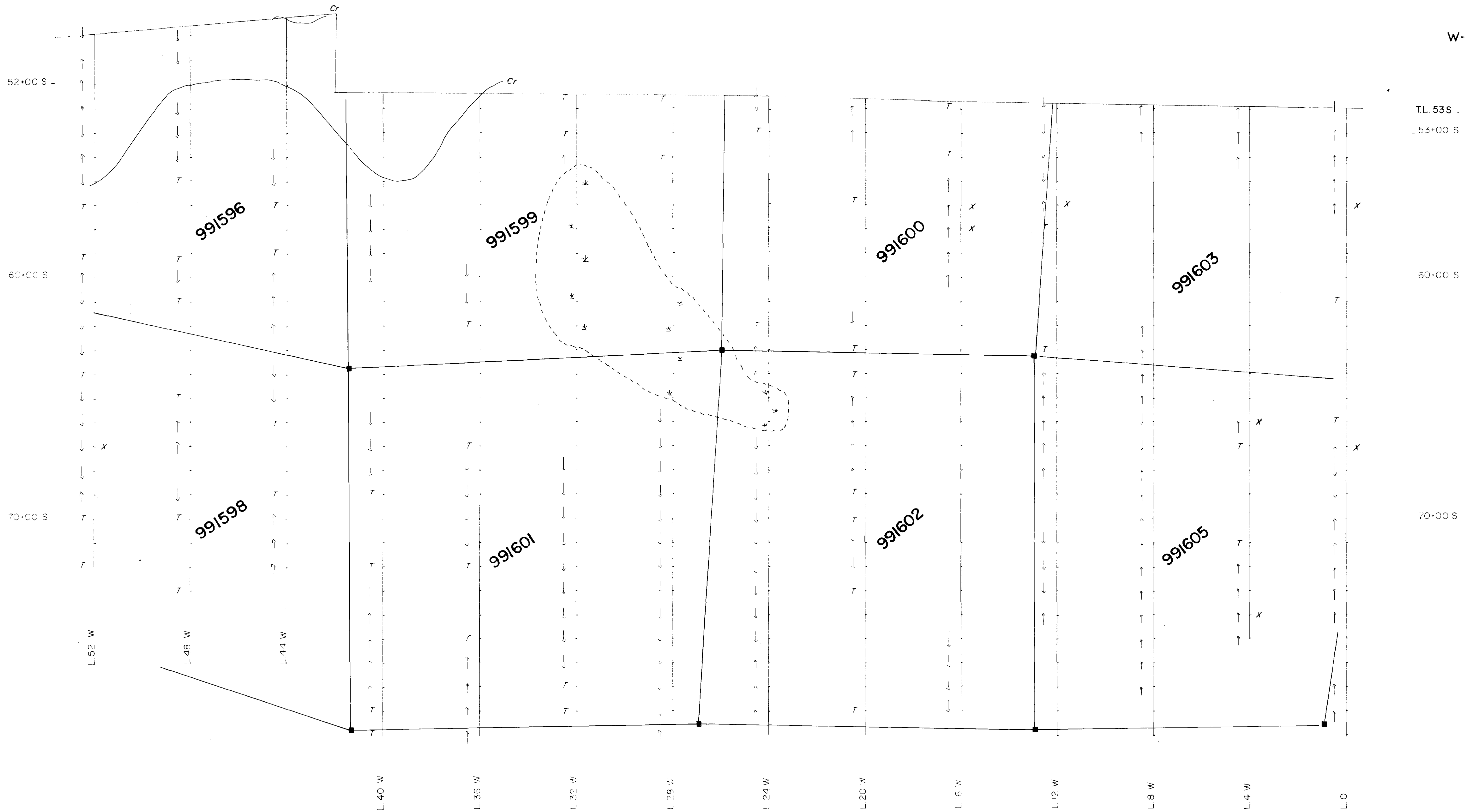
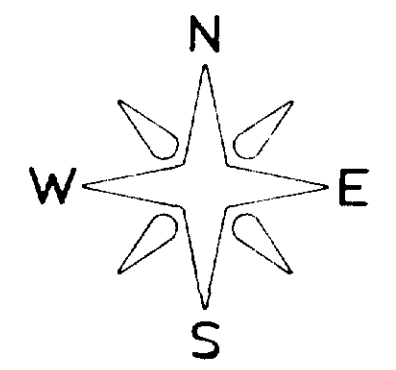
42C03NW0008 2.11809 PUKASKWA RIVER







# PUKASKWA RIVER AREA



TL 53S  
53+00 S

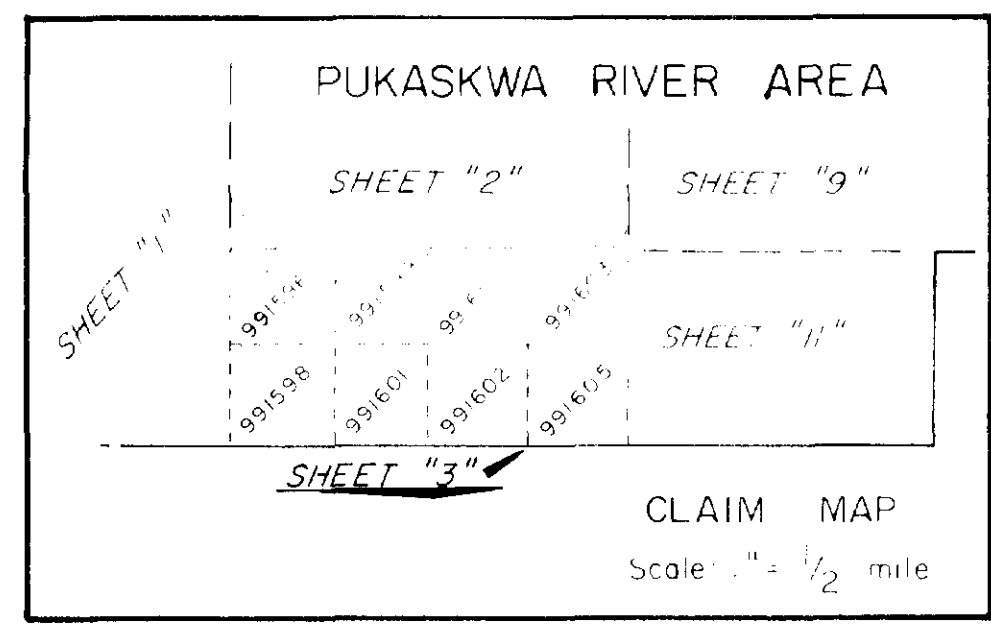
60+00 S

70+00 S

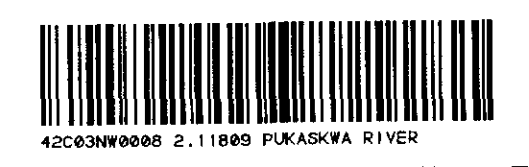
L 40 W    L 36 W    L 32 W    L 28 W    L 24 W    L 20 W    L 16 W    L 12 W    L 8 W    L 4 W    L 0

### LEGEND

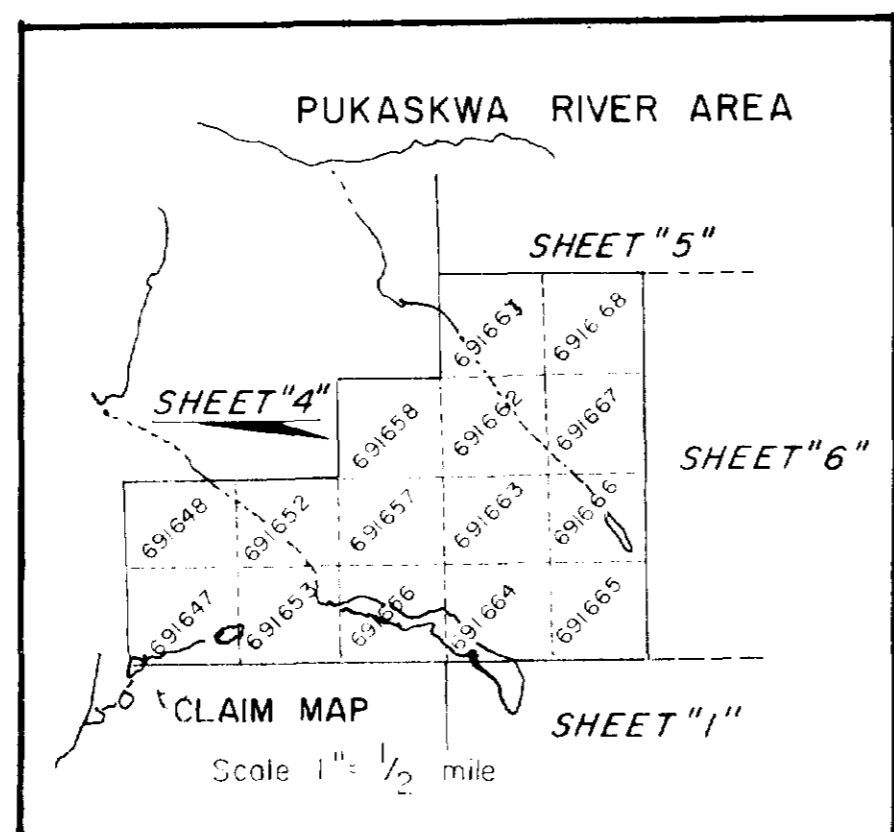
- T TOP
- f SLOPE
- X OUTCROP
- Cr CREEK
- CLIFF
- ⊕ SWAMP



<b>TOPOGRAPHICAL FEATURES</b>	
CLIENT: <b>KOALA RESOURCES LTD. 211809</b>	
PROJECT: STONEY CREEK	AREA: PUKASKWA RIVER AREA, ONT.
SCALE: 1" = 200'	DATE: AUGUST 1988
DRAWN BY: <i>WJ</i>	MAP OR SHEET NO.: TF-3



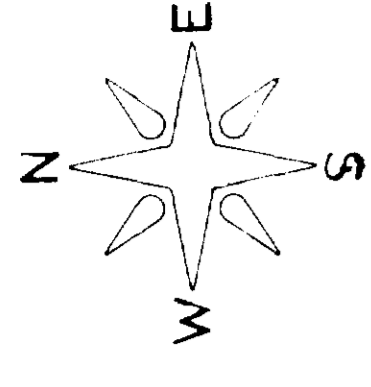
# PUKASKWA RIVER AREA



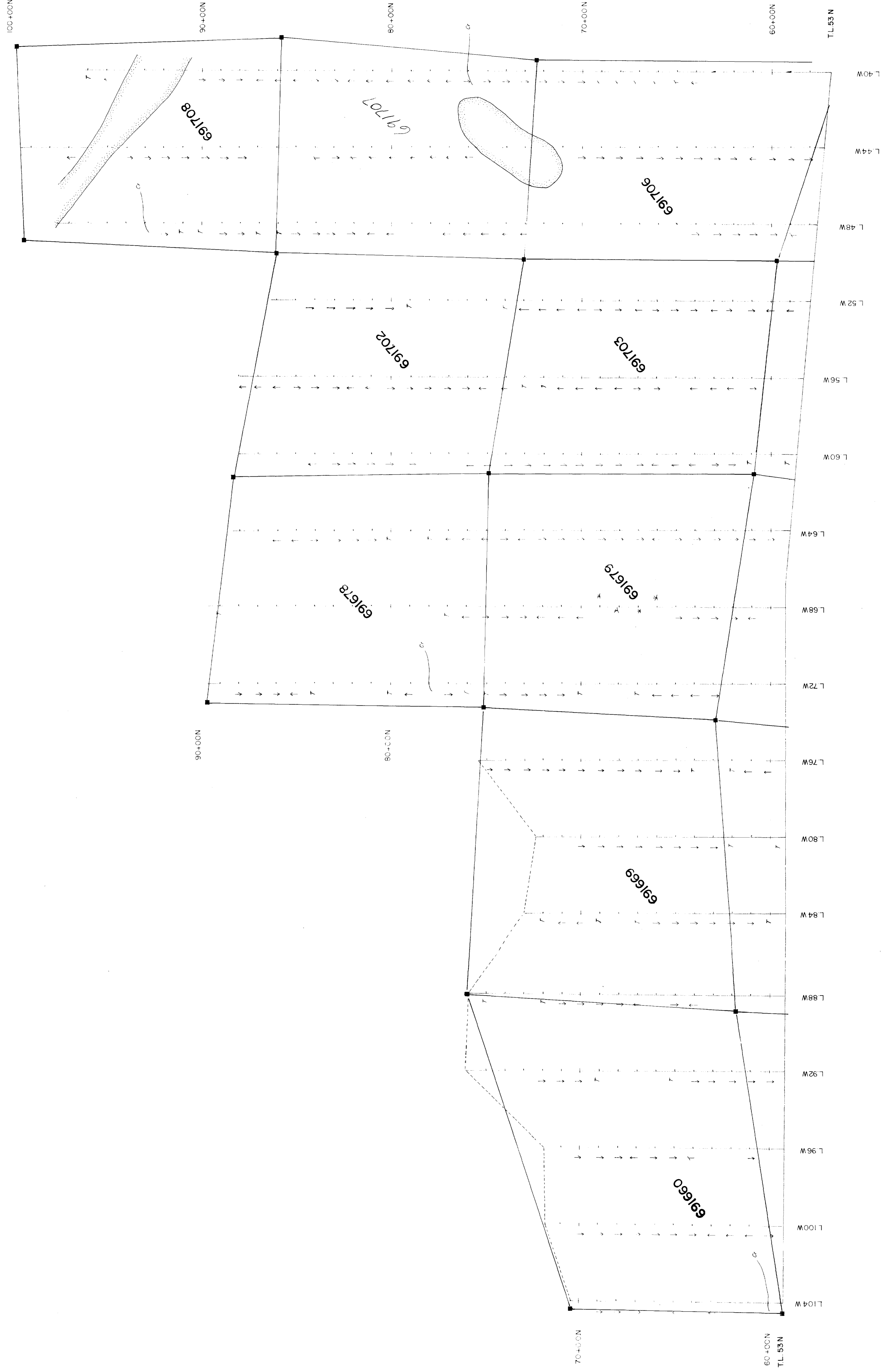
## LEGEND

- T TOP
- ↑ SLOPE
- X OUTCROP
- Cr CREEK
- CLIFF
- D.D.H.
- \* SWAMP



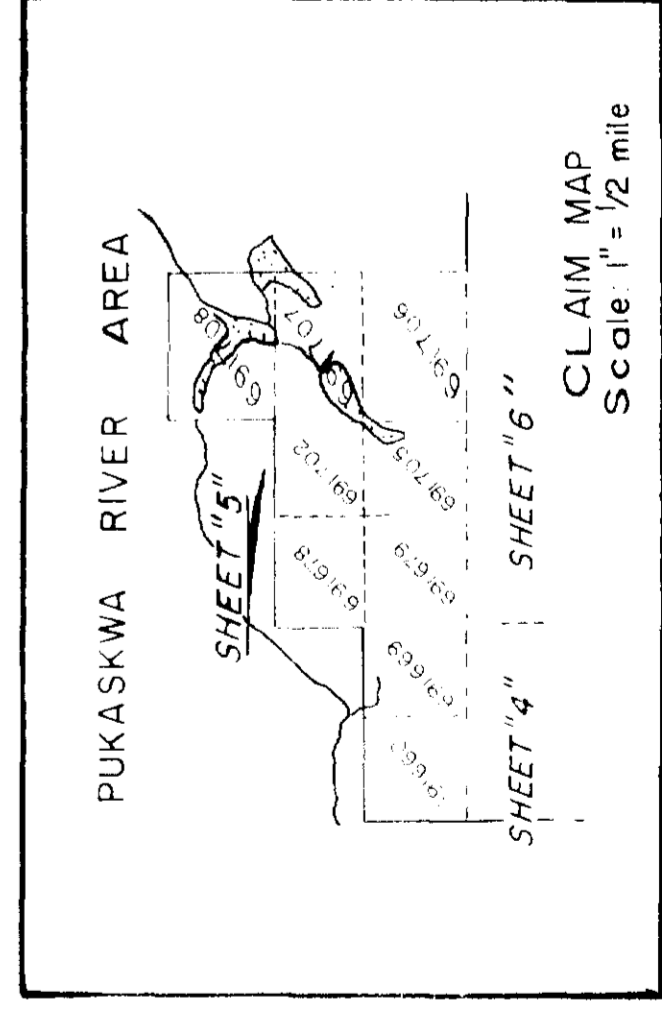


PUKASKWA RIVER AREA



LEGEND

- TOP
- SLOPE
- OUTCROP
- CREEK
- CLIFF
- SWAMP



TOPOGRAPHICAL FEATURES

KOALA RESOURCES LTD. 2/1809

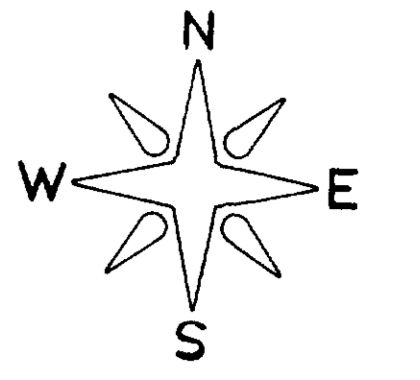
STONEY CREEK

H. Ferderber Geophysics Ltd.

DATE: AUGUST 1988

MAP OR SHEET NO. TF-5

# PUKASKWA RIVER AREA



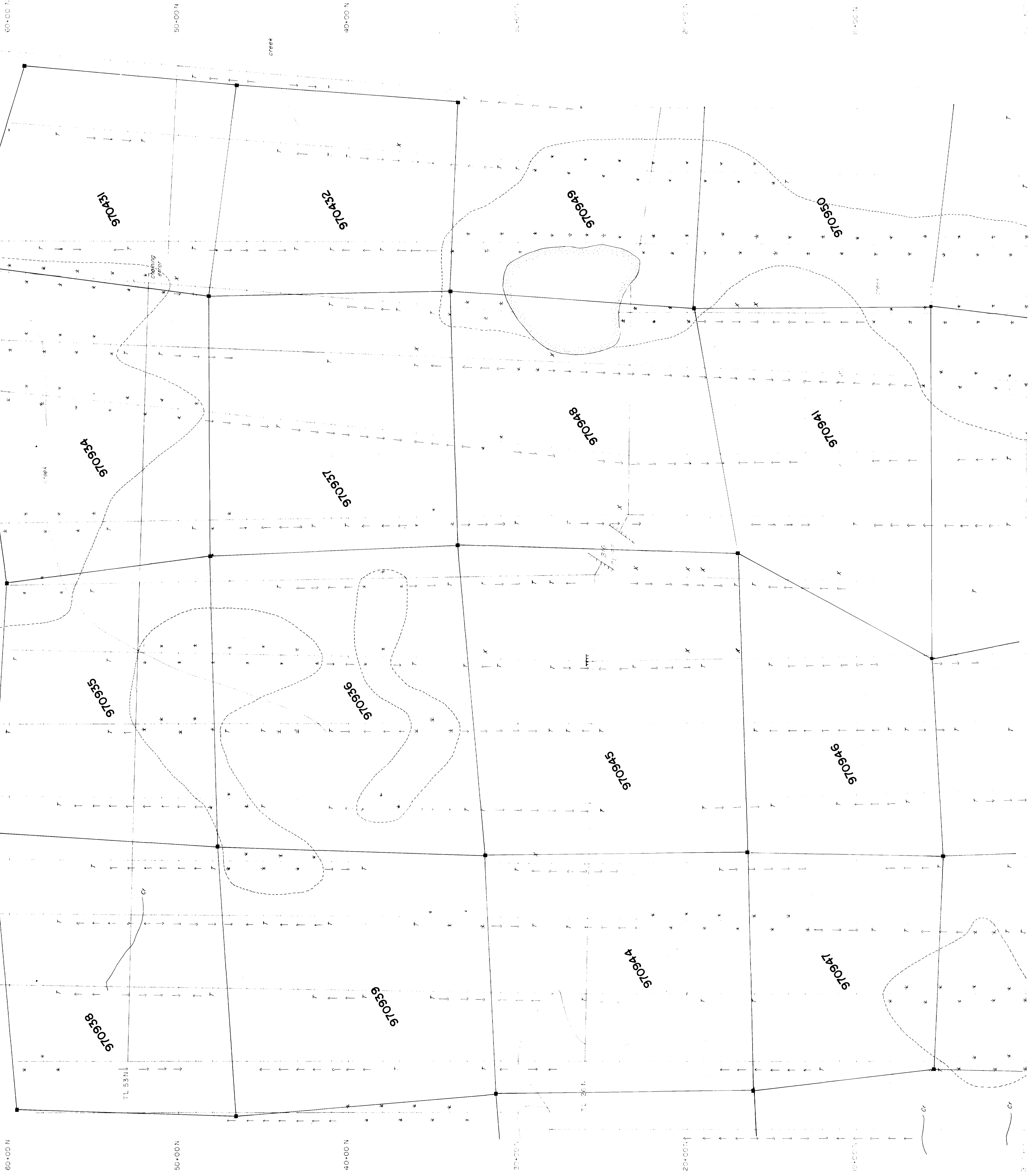
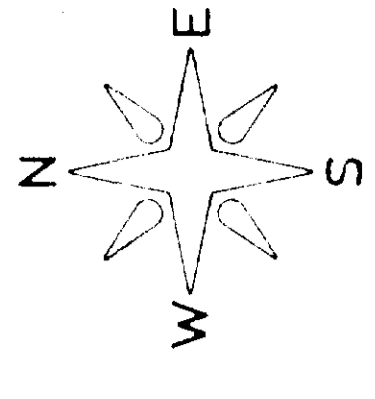
L.48W    L.44W    L.40W    L.36W    L.32W    L.28W    L.24W    L.20W    L.16W    L.12W    L.8W    L.4W    L.0

### LEGEND

- T TOP
- ↑ SLOPE
- x OUTCROP
- Cr CREEK
- CLIFF
- \* SWAMP
- D.D.H

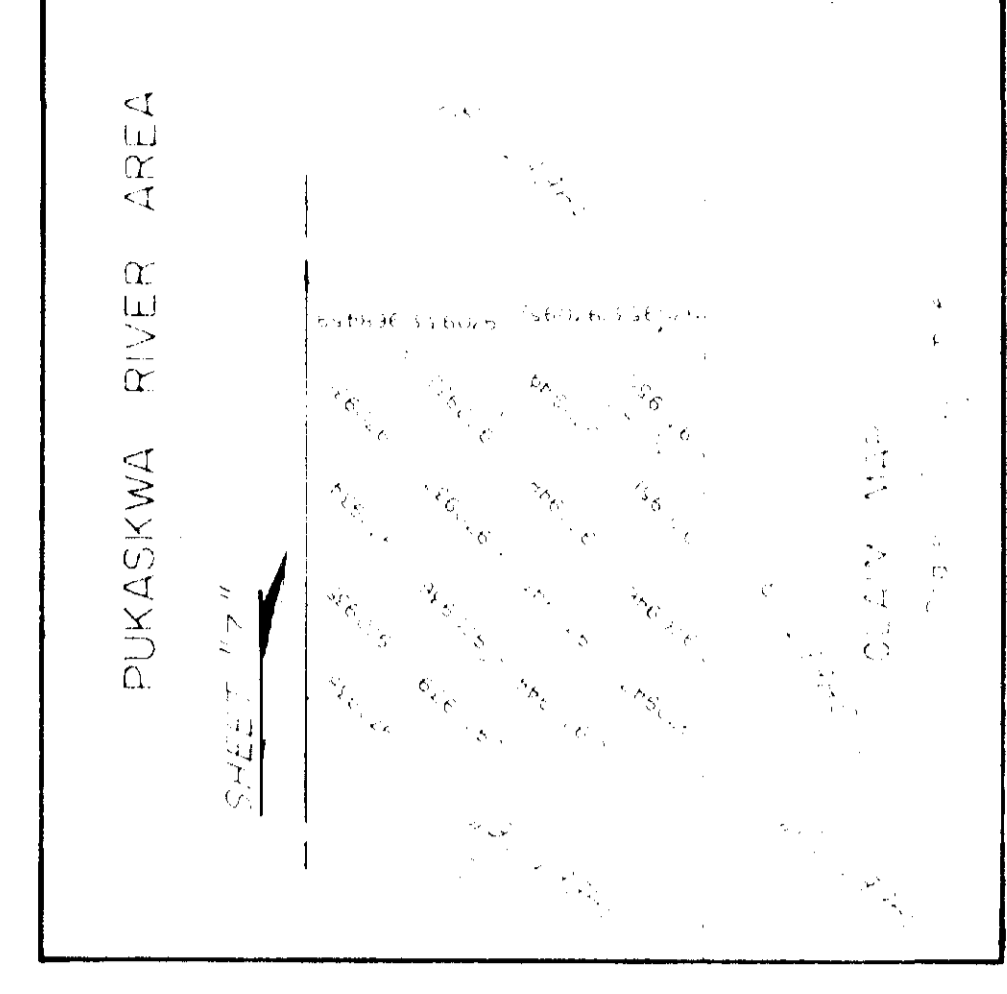
<b>TOPOGRAPHICAL FEATURES</b>	
CLIENT <b>KOALA RESOURCES LTD. 2.11809</b>	
PROJECT STONEY CREEK	AREA PUKASKWA RIVER AREA, ONT.
SCALE 1" = 200'	DATE AUGUST 1988
DRAWN BY H. Ferderber Geophysics Ltd.	MAP OR SHEET NO. TF-6

PUKASKWA RIVER AREA



**LEGEND**

- T TOP
- ↑ SLOPE
- X OUTCROP
- CREEK
- CLIFF
- ⋈ SWAMP

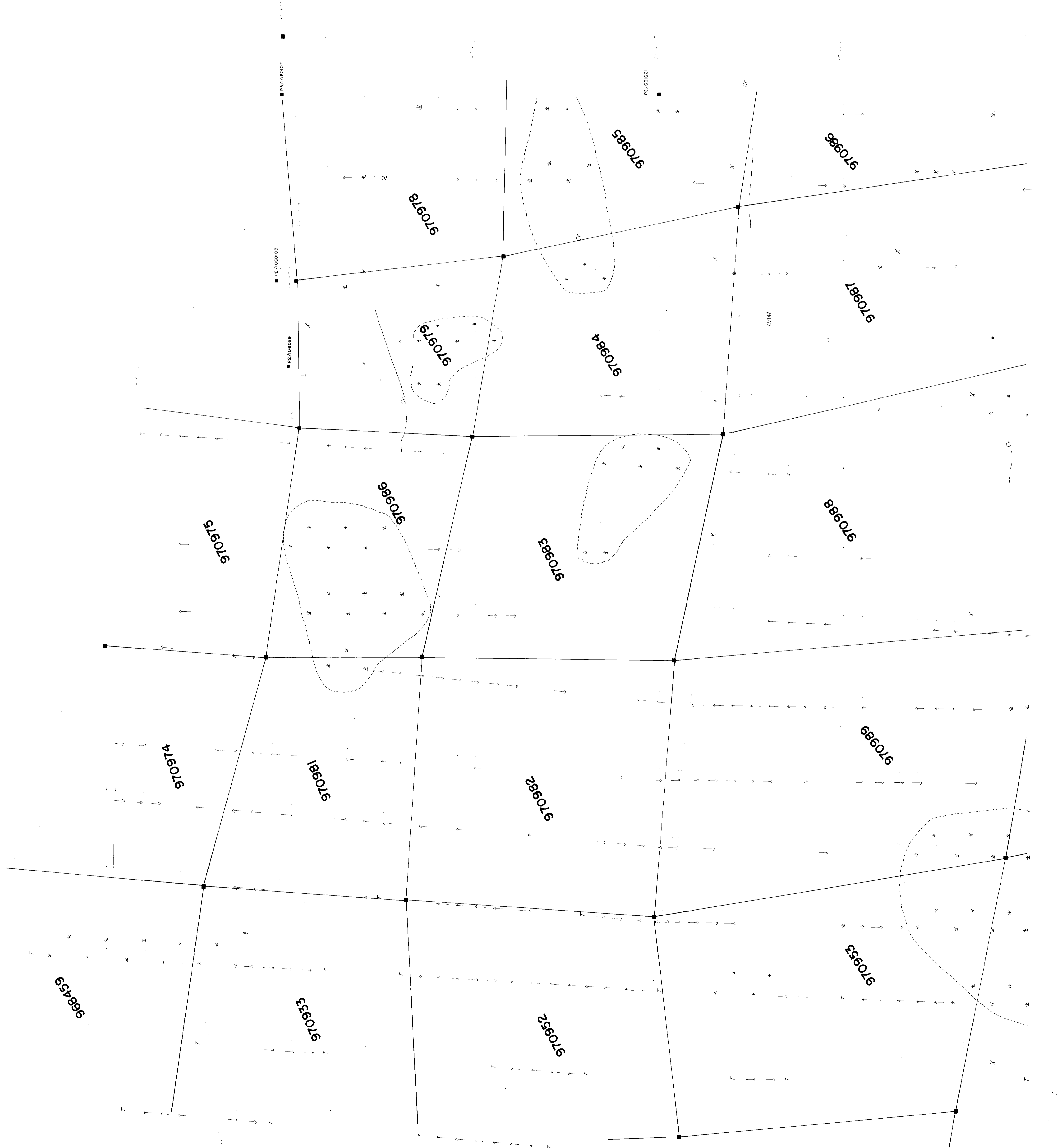
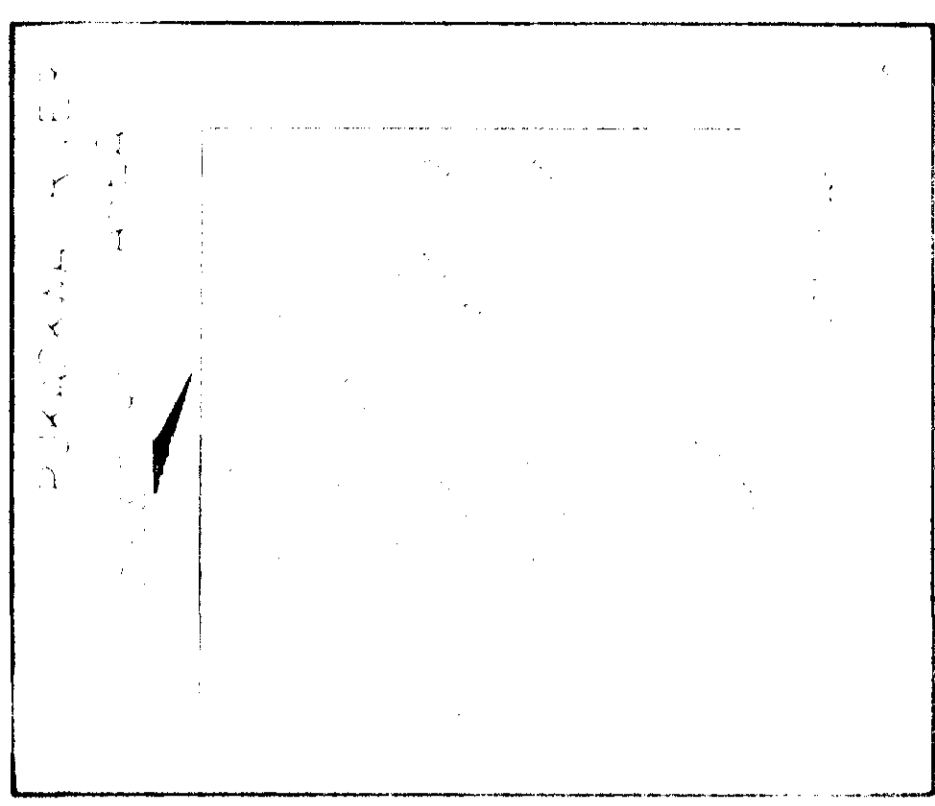


TOPOGRAPHICAL FEATURES	
DATE OF WORK	
ELEVATION	KCALA RESOURCES LTD 211809
PROJECT	STONE CREEK
AREA	
SCALE	
DRAWN BY	
CHECKED BY	
DATE	
PROJECT MANAGER	
COMPANY	H. Forderber Geophysics Ltd.
PROJECT NO.	TF-7



**LEGEND**

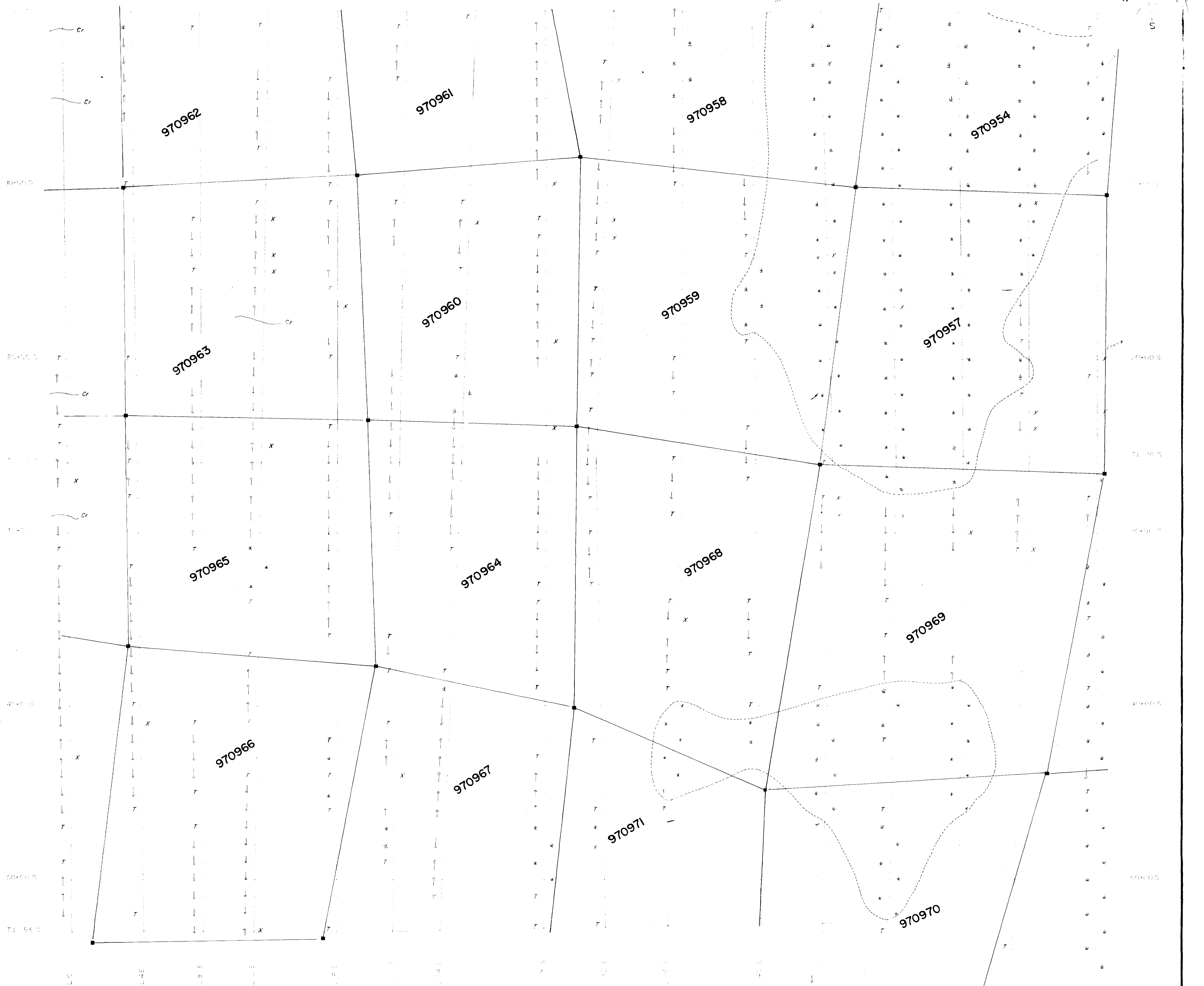
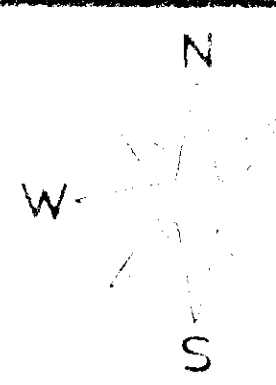
- T TOP
- ↑ SLOPE
- X OUTCROP
- C CREEK
- CLIFF
- ⌵ SWAMP



TOPOGRAPHICAL FEATURES	
KUALA BESOURCES LTD 211809	
M Hindender Geophysics Ltd	
TF-8	

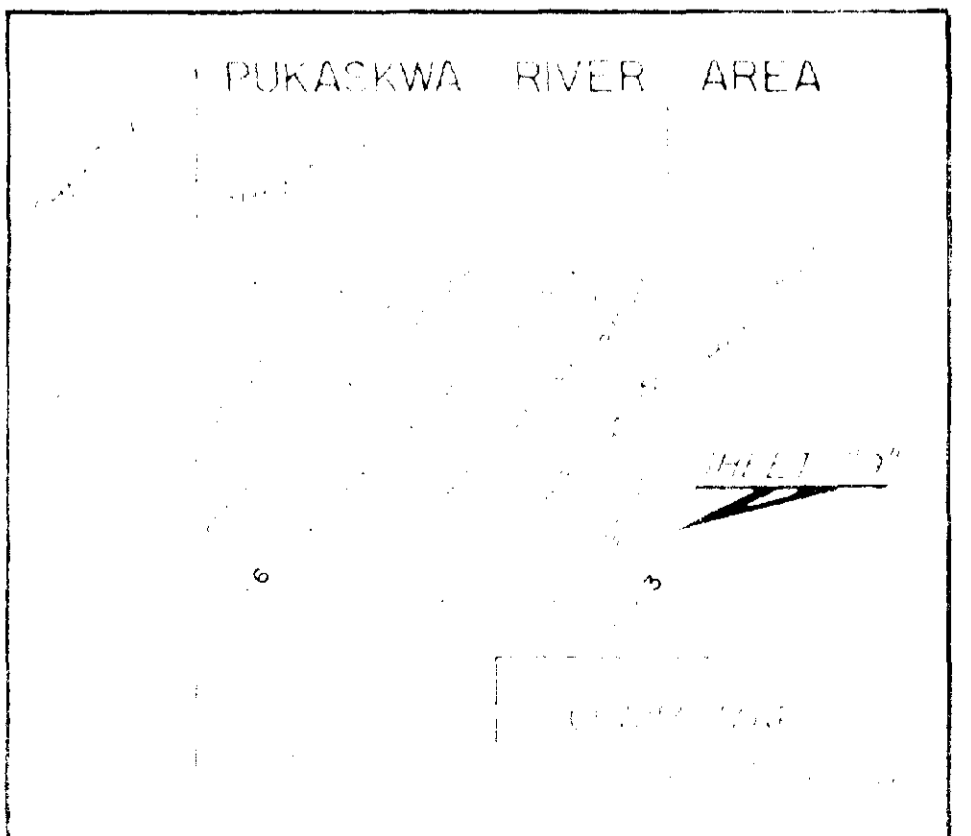


PUKASKWA RIVER AREA

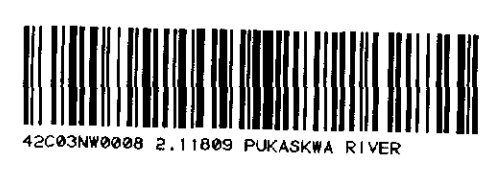


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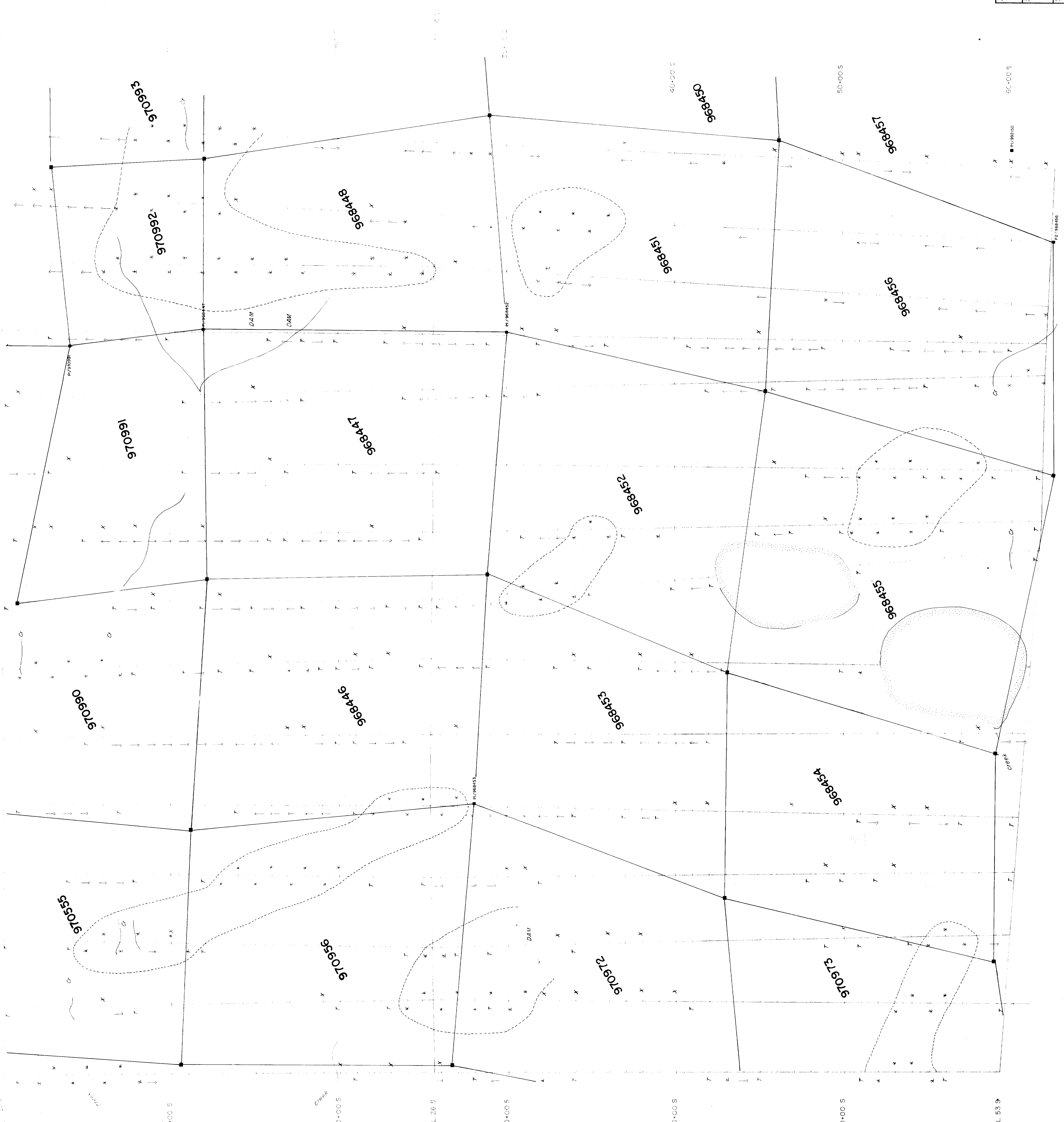
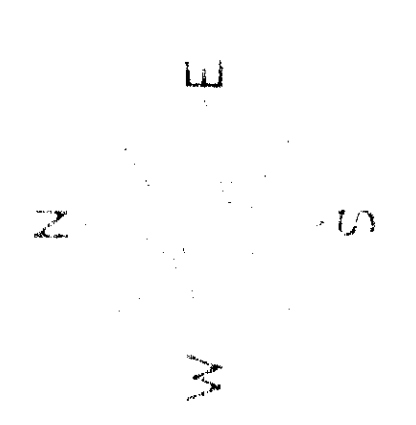
- T TOP
- ↑ SLOPE
- X OUTCROP
- Cr CREEK
- CLIFF
- \* SWAMP



TYPE OF WORK		TOPOGRAPHICAL FEATURES	
SUBJECT			
KOALA RESOURCES LTD 211809			
PROJECT		AREA	
DRAWN BY		DATE	
H. Ferderber Geophysics Ltd.		MAY 1989	
DRAWN BY		MAP SHEET NO.	
		TF-9	

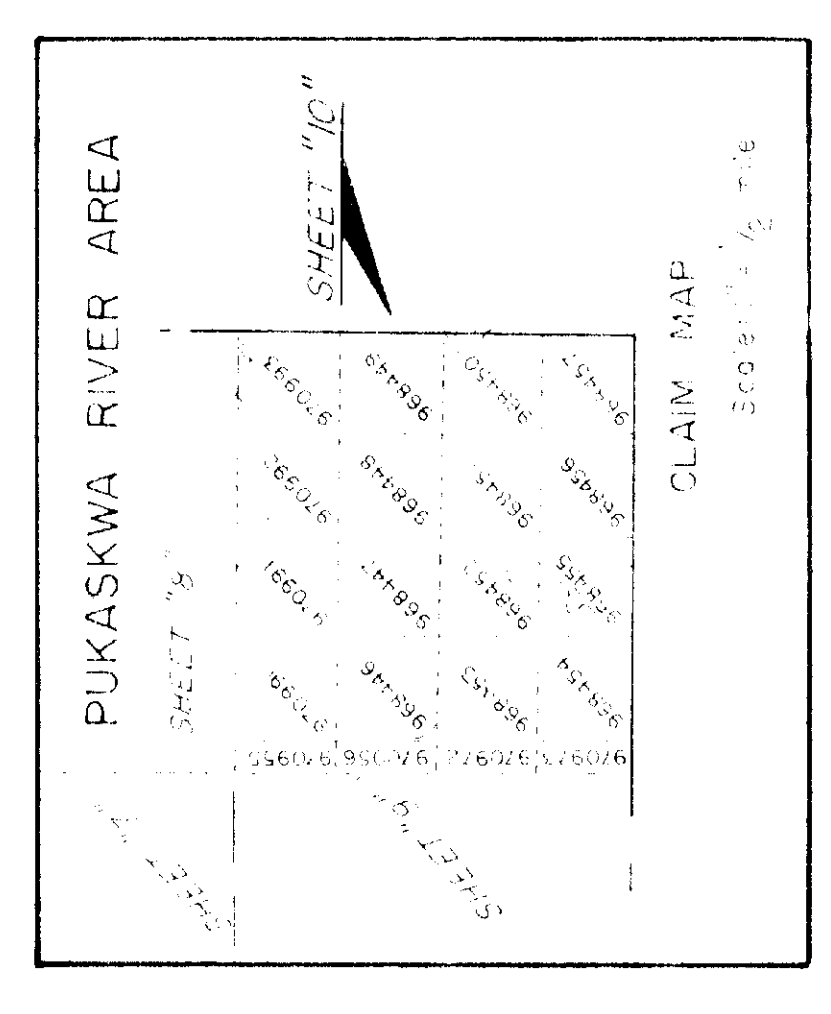




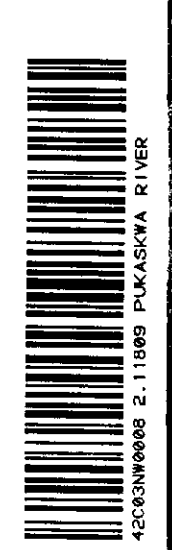


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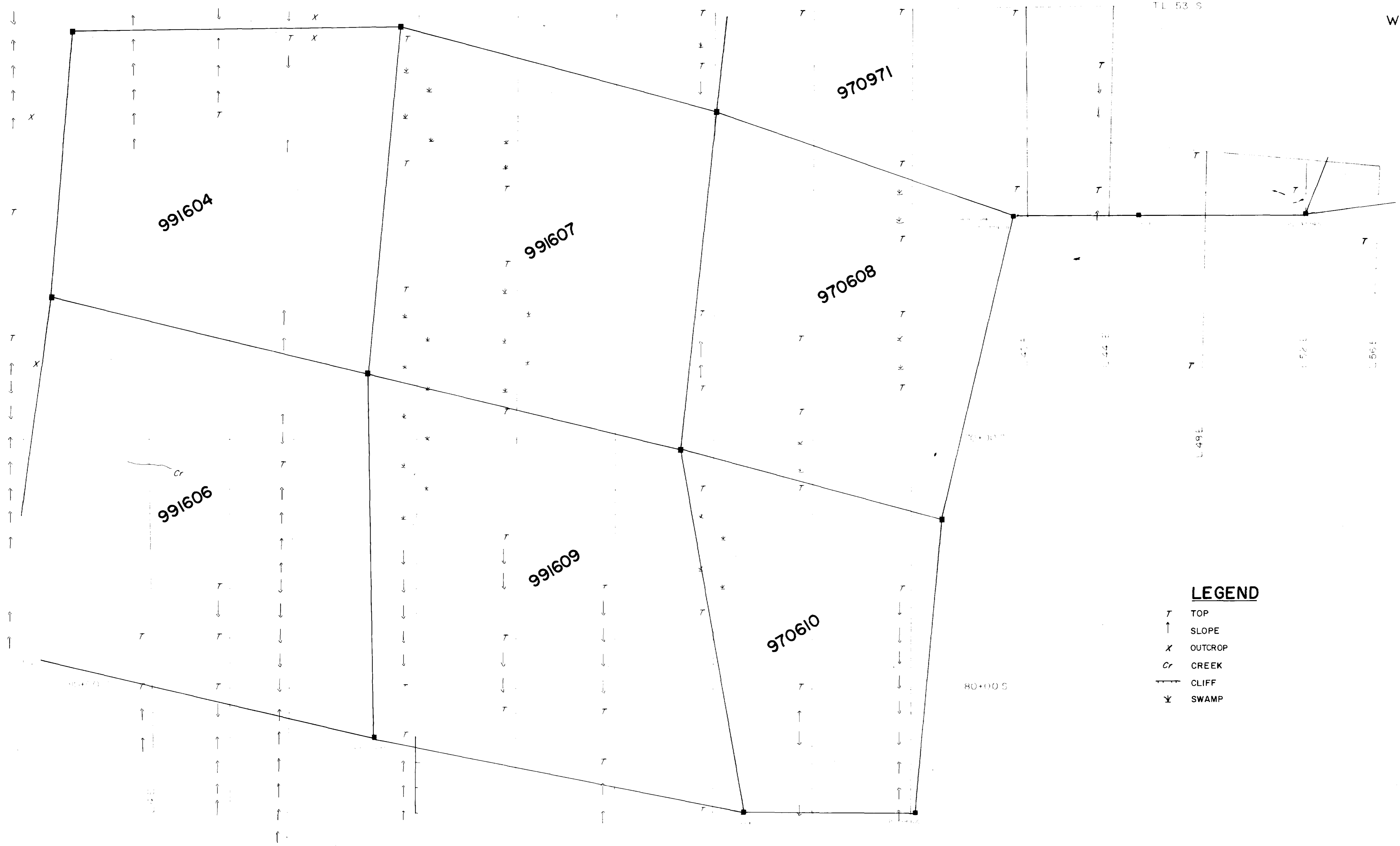
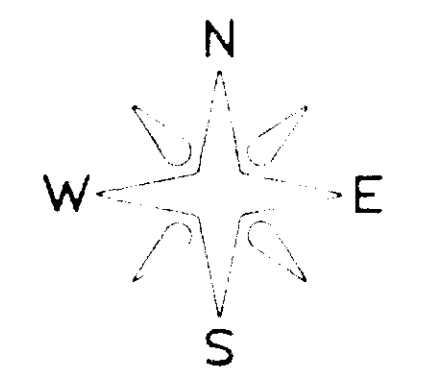
- T TOP
- ↑ SLOPE
- X OUTCROP
- C/ CREEK
- CLIFF
- ⊗ SWAMP



<b>TOPOGRAPHICAL FEATURES</b>	
KOALA RESOURCES LTD. 211809	
STONEY CREEK	PUKASKWA RIVER AREA, ONT.
H. Ferdenber Geophysics Ltd	SCALE 1" = 200'
	DATE AUGUST 1988
	MAP SHEET NO.
	TF-10

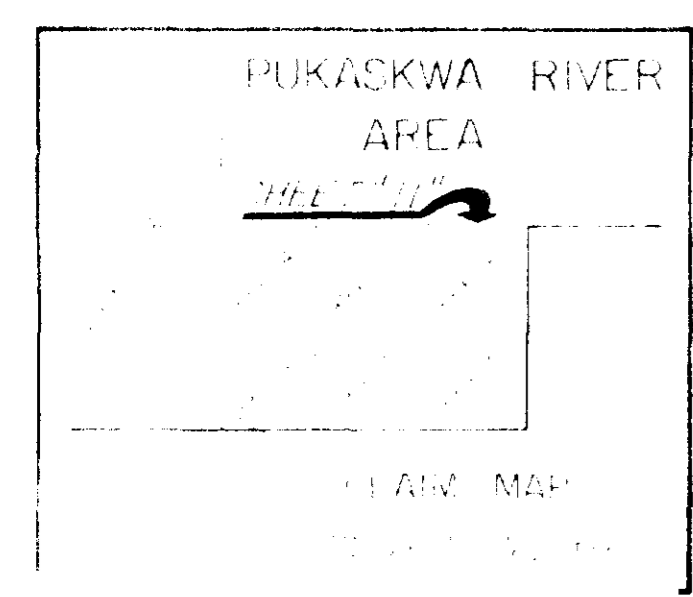



PUKASKWA RIVER AREA



**LEGEND**

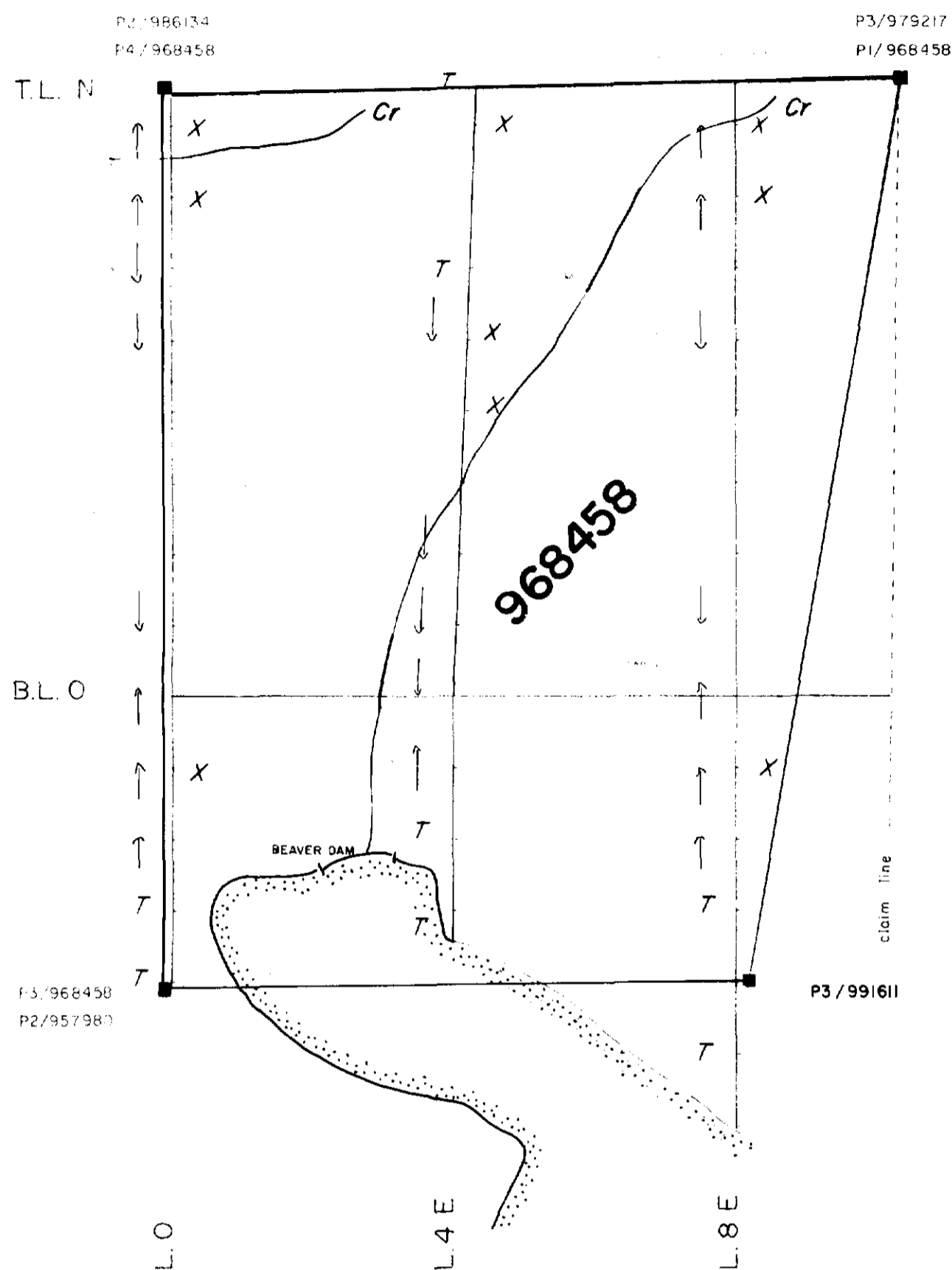
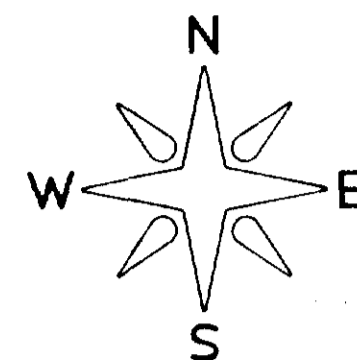
- T TOP
- ↑ SLOPE
- X OUTCROP
- Cr CREEK
- CLIFF
- S SWAMP



TYPE OF WORK		<b>TOPOGRAPHICAL FEATURES</b>	
CLIENT		KOALA RESOURCES LTD. 211809	
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT
SCALE	1" = 200'	DATE	AUGUST 1988
DRAWN BY	dh	MAP OR SHEET NO.	TF-II
 H. Ferderber Geophysics Ltd.			



# PUKASKWA RIVER AREA



## LEGEND

- T TOP
- ↑ SLOPE
- X OUT CROP
- Cr CREEK
- CLIFF
- ⋈ SWAMP

PUKASKWA RIVER AREA


SHEET "12"

968458

CLAIM MAP

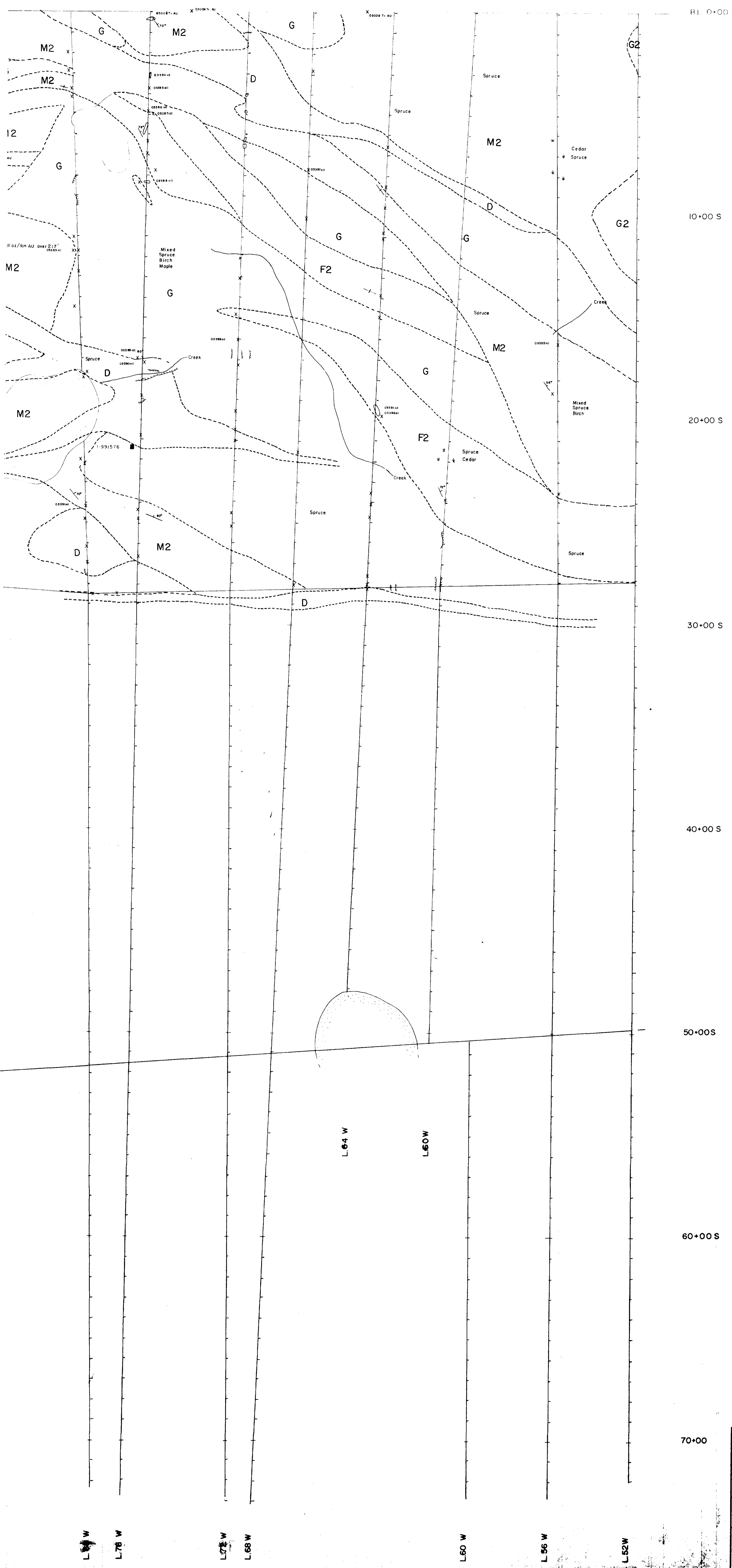
Scale: 1" = 1/2 mile

ABBIE LAKE AREA

TYPE OF WORK		<b>TOPOGRAPHICAL FEATURES</b>		
CLIENT		KOALA RESOURCES LTD. 2.11809		
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT.	
 H. Ferderber Geophysics Ltd.	SCALE	1" = 200'	DATE	AUGUST 1988
	DRAWN BY	<i>W.M.</i>	MAP OR SHEET NO.	TF-12 Grid 2



RIVER AREA



70+00  
60+00 S  
50+00 S  
40+00 S  
30+00 S  
20+00 S  
10+00 S  
01 0+00

**LEGEND**

- D Diorite "diabase" dykes and sills
- G Granite, predominantly white biotite granite
- G1 Granitic gneiss
- G2 Hornblende granite
- I Intermediate to mafic intrusive, interpreted from geophysics
- PG Paragneiss
- F Metasediments, arkose, greywacke, siltstone, in part felsic metavolcanics and pyrrhotite/ironformation
- F2 Gneissic metasediments
- M2 Intermediate to mafic metavolcanics, banded
- M1 Mafic to intermediate metavolcanics, massive
- M<sub>B</sub> Mafic metavolcanics, banded

**SYMBOLS**

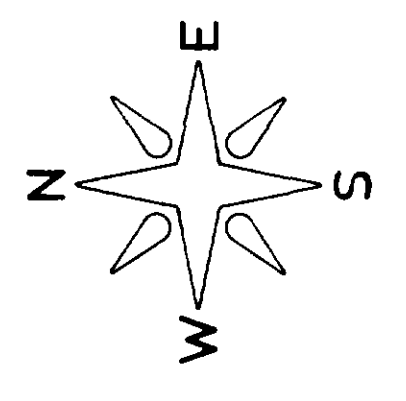
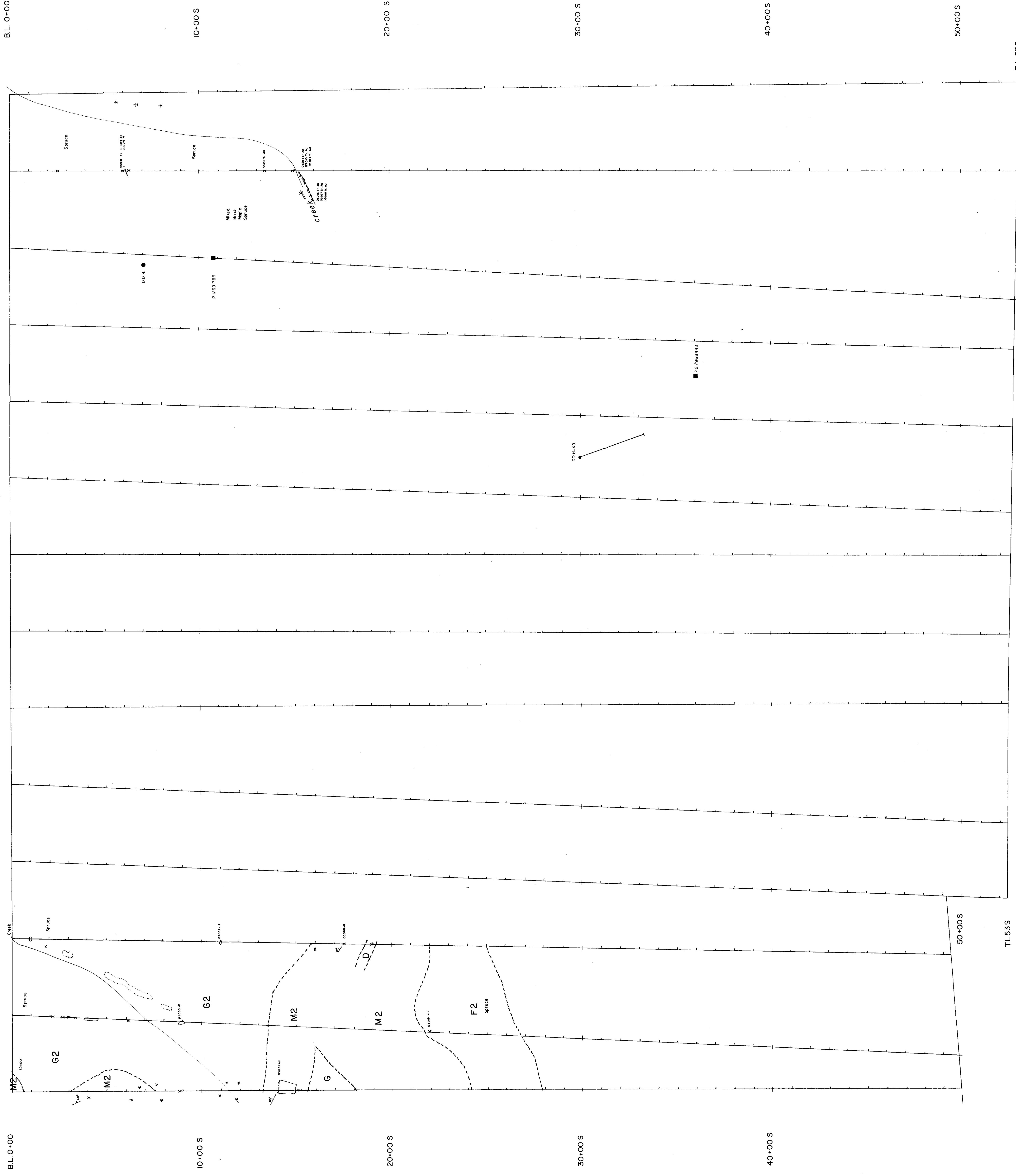
- Banding, bedding, (inclined, horizontal)
- Gneissosity, (inclined, horizontal)
- Joints, (inclined, horizontal)
- Shear
- Geological boundary
- Geological contact observed (inclined, unknown inclination)
- Synformal axis
- Diamond drill hole, with azimuth
- Diamond drill hole, azimuth undetermined
- Small outcrop
- Large outcrop
- Poorly exposed outcrop
- Cliff/Ledge
- Gold
- Claim post
- Swamp
- Lake
- Creek

N.B. Surface sample numbers and gold assay results are indicated at sample locations.  
example x 03942 ni

TYPE OF WORK		GEOLOGY 2.11809	
CLIENT			
KOALA RESOURCES LTD.			
PROJECT	AREA		
STONEY CREEK	PUKASKWA RIVER AREA, ONT.		
H. Ferderber Geophysics Ltd.	SCALE	DATE	
	1" = 200'	AUGUST 1988	
DRAWN BY	MAP OR SHEET NO.		
D.H.	GG-1		

L64 W L66 W L68 W L60 W L62 W

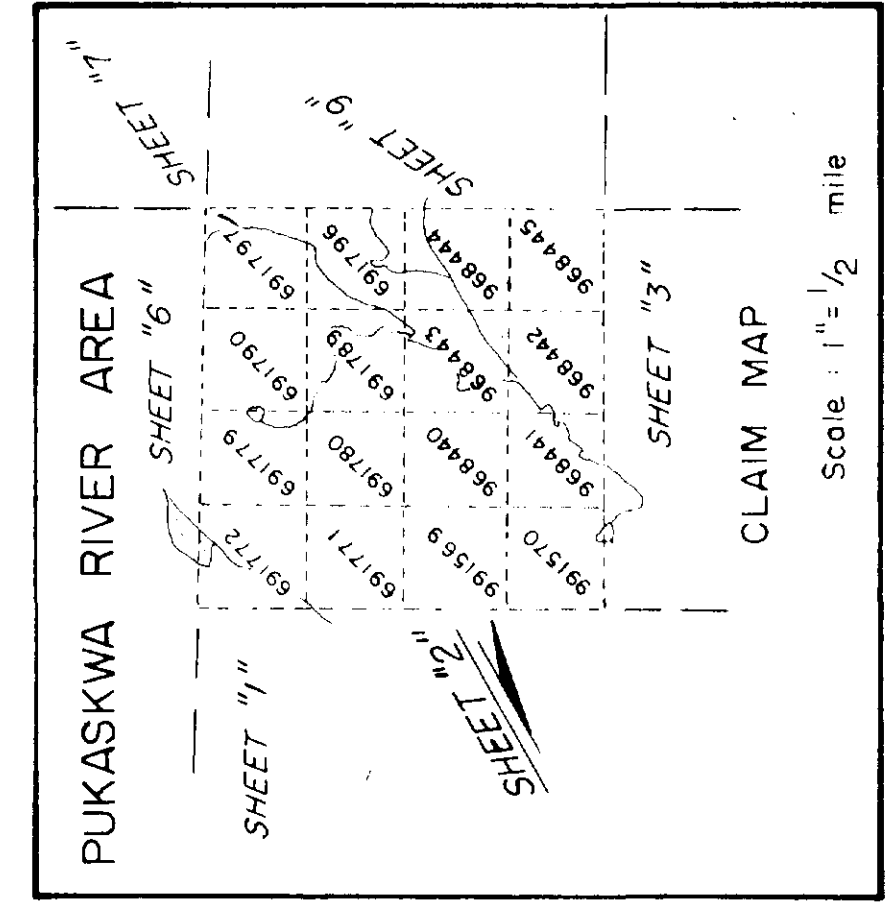
# PUKASKWA RIVER AREA



**SYMBOLS**

- Bedding, bedding (inclined, horizontal)
- Geosyncline (inclined, horizontal)
- Joints, (inclined, horizontal)
- Shear
- Geological boundary
- Geological contact observed (inclined, unknown inclination)
- Synformal axis
- Diamond drill hole, with azimuth
- Small outcrop
- Large outcrop
- Poorly exposed outcrop
- Cliff/Ledge
- Au
- Claim post
- Swamp
- Creek
- Creek

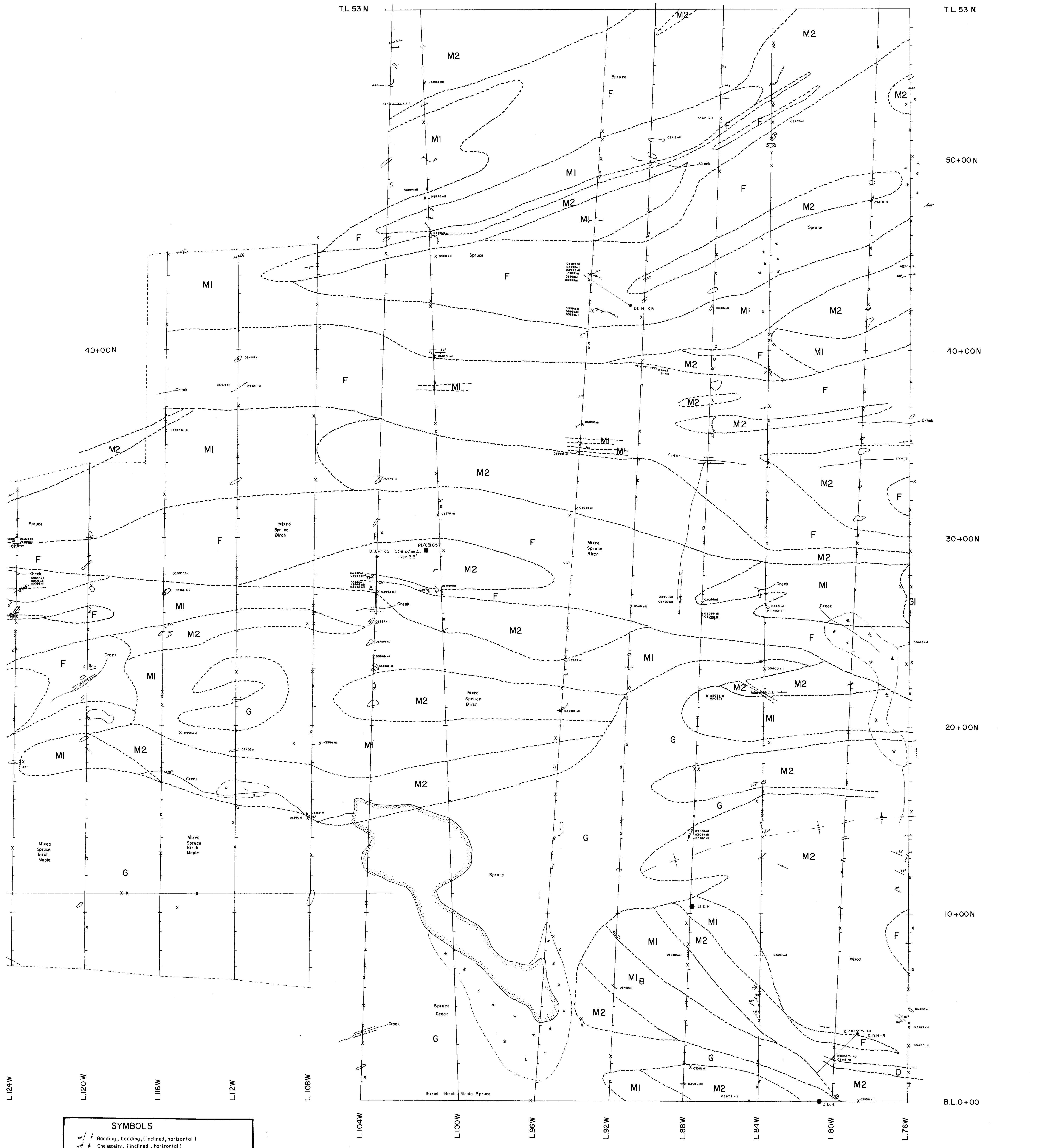
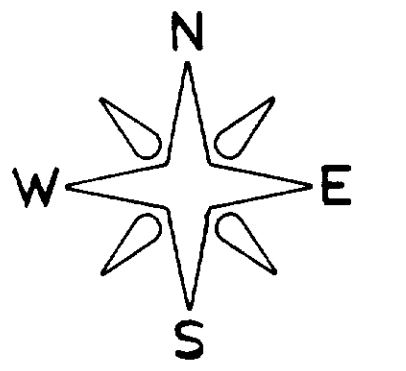
N.B. Surface sample numbers and gold assay results are indicated at sample locations, example x 03942 ni



**LEGEND**

- D Quartz "debas" dikes and sills
- G Granite, predominantly white biotite granite
- G1 Granitic gneiss
- G2 Hornblende granite
- I Intermediate to mafic intrusive, interpreted from geophysics
- PG Paragneiss
- F Metasediments, arkose, greywacke, siltstone, in part felsic metapelites and pyrrhotite/ironformation
- F2 Intermediate to mafic metapelites, banded
- M2 Intermediate to mafic metapelites, massive
- M1 Mafic to intermediate metapelites, massive
- M3 Mafic metapelites, banded

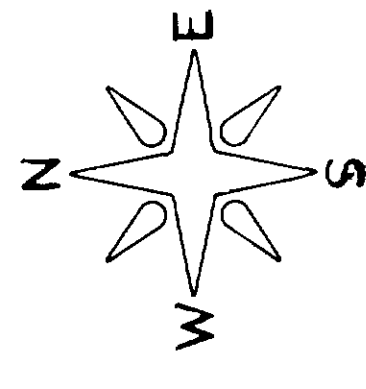
# PUKASKWA RIVER AREA



SYMBOLS	
	Banding, bedding, (inclined, horizontal)
	Gneissosity, (inclined, horizontal)
	Joints, (inclined, horizontal)
	Shear
	Geological boundary
	Geological contact observed (inclined, unknown inclination)
	Synformal axis
	Diamond drill hole, with azimuth
	Diamond drill hole, azimuth undetermined
	Small outcrop
	Large outcrop
	Poorly exposed outcrop
	Cliff/Ledge
	Gold
	Claim post
	Swamp
	Lake
	Creek
N.B. Surface sample numbers and gold assay results are indicated at sample locations. example x 03942.ni	

LEGEND	
D	Diorite "diabase" dykes and sills
G	Granite, predominantly white biotite granite
G1	Granitic gneiss
G2	Hornblende granite
I	Intermediate to mafic intrusive, interpreted from geophysics
PG	Paragneiss
F	Metasediments, arkose, greywacke, siltstone, in part felsic metavolcanics and pyrrhotite/ironformation
F2	Gneissic metasediments
M2	Intermediate to mafic metavolcanics, banded
MI	Mafic to intermediate metavolcanics, massive
MI_B	Mafic metavolcanics, banded

TYPE OF WORK		<b>GEOLOGY 2.11809</b>	
CLIENT			
<b>KOALA RESOURCES LTD.</b>			
PROJECT		AREA	
STONEY CREEK		PUKASKWA RIVER AREA, ONT	
DRAWN BY		DATE	
H. Ferderber Geophysics Ltd.		AUGUST 1988	
SCALE		MAP OR SHEET NO.	
1"=200'		GG-4	



PUKASKWA RIVER AREA

100+00N

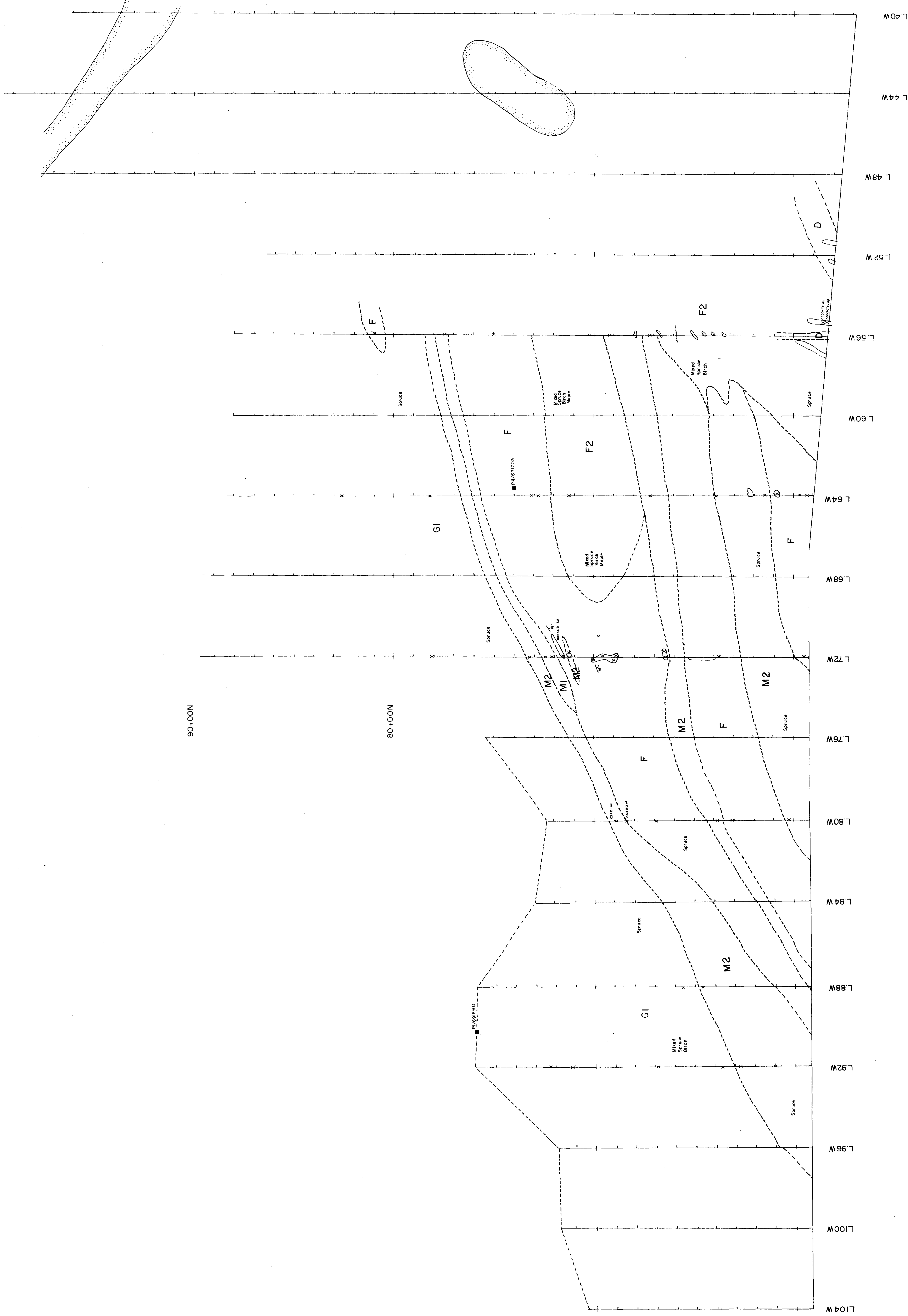
90+00N

80+00N

70+00N

60+00N

T.L. 53 N



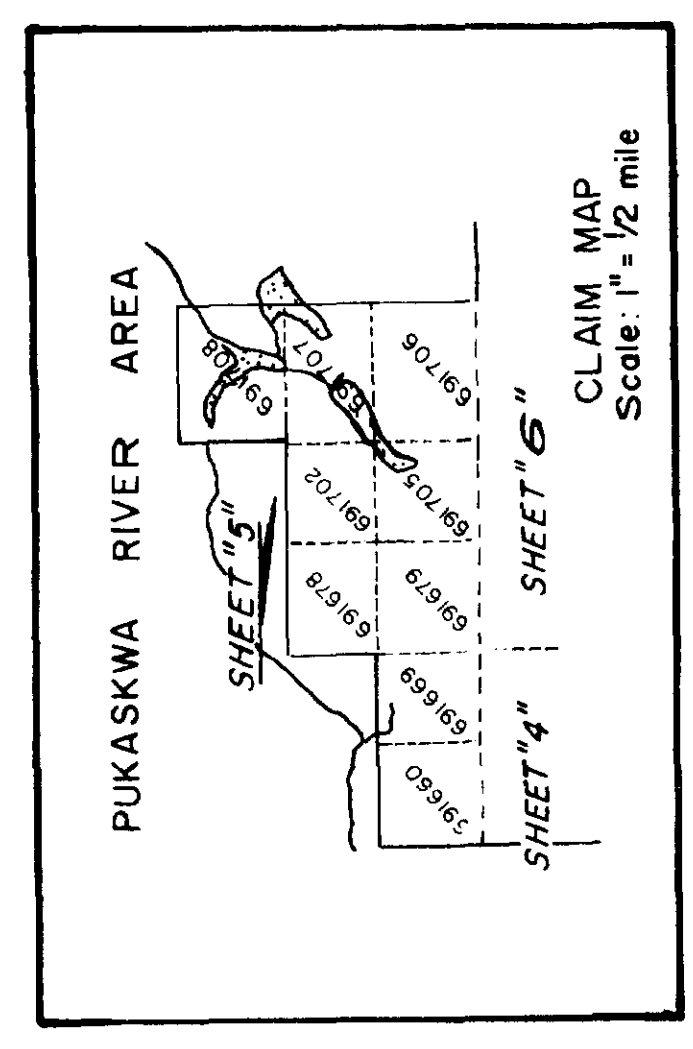
**LEGEND**

D	Diorite - "gabase" dikes and sills
G	Granite, predominantly white bottle granite
G2	Granite, grey
I	Intermediate to mafic intrusive, interpreted from geophysics
PG	Porphyry
F	Mesodiments, arkose, greywacke, siltstone, in part felsic metadolomites and pyroclastic transformation
M2	Mafic to intermediate metadolomites, banded
M3	Mafic to intermediate metadolomites, massive
M4	Mafic metadolomites, banded

**SYMBOLS**

	Bedding, bodies (inclined, horizontal)
	Geological boundary
	Strike-slip fault (inclined, unknown inclination)
	Normal fault (inclined, unknown inclination)
	Thrust/reverse fault (inclined, unknown inclination)
	Joint, (inclined, horizontal)
	Shear
	Diamond drill hole, with azimuth
	Small outcrop
	Large outcrop
	Cliff/Ledge
	Gold
	Claim post
	Swamp
	Lake
	Creek

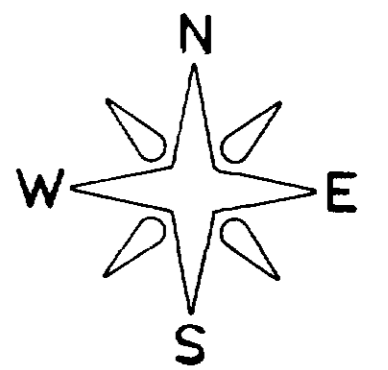
N.B. Surface sample numbers and gold assay results are indicated at sample locations.  
example: x 03842.11



TYPE OF WORK		GEOLOGY 2.11809	
CLIENT		KOALA RESOURCES LTD.	
PROJECT		STONEY CREEK	PUKASKWA RIVER AREA, ONT
DATE		1" = 200'	AUGUST 1988
DRAWN BY		H. Ferderber	MAP OR SHEET NO.
			GG-5



# PUKASKWA RIVER AREA



LEGEND	
D	Diorite "diabase" dykes and sills
G	Granite, predominantly white biotite granite
G1	Granitic gneiss
G2	Hornblende granite
I	Intermediate to mafic intrusive, interpreted from geophysics
PG	Paragneiss
F	Metasediments, arkose, greywacke, siltstone, in part felsic metavolcanics and pyrrhotite/ironformation
F2	Gneissic metasediments
M2	Intermediate to mafic metavolcanics, banded
M1	Mafic to intermediate metavolcanics, massive
M0	Mafic metavolcanics, banded

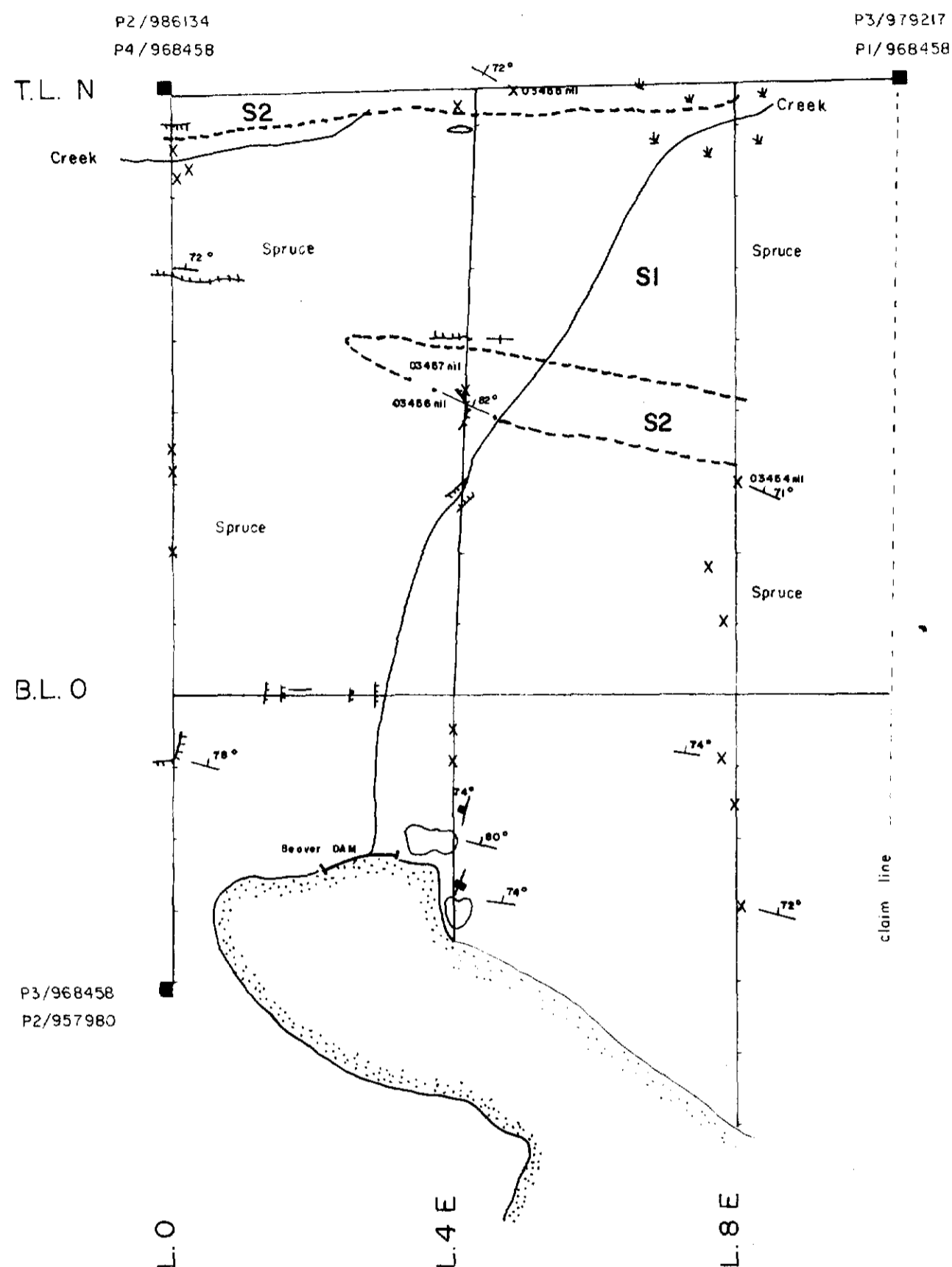
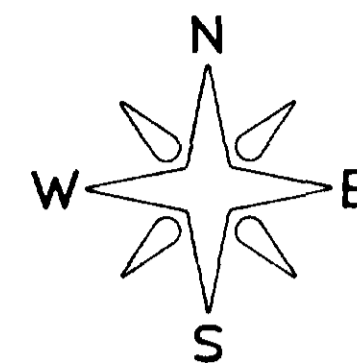
SYMBOLS	
	Banding, bedding, (inclined, horizontal)
	Gneissosity, (inclined, horizontal)
	Joints, (inclined, horizontal)
	Shear
	Geological boundary
	Geological contact observed (inclined, unknown inclination)
	Synformal axes
	Diamond drill hole, with azimuth
	Diamond drill hole, azimuth undetermined
	Small outcrop
	Large outcrop
	Poorly exposed outcrop
	Cliff/Ledge
	Claim post
	Swamp
	Lake
	Creek

N.B. Surface sample numbers and gold assay results are indicated at sample locations.  
example: 03942 ml.

TYPE OF WORK		<b>GEOLOGY 2.11809</b>	
CLIENT			
KOALA RESOURCES LTD.			
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT.
DRAWN BY		SCALE	1" = 200'
		DATE	AUGUST 1988
H. Ferderber Geophysics Ltd.		MAP OR SHEET NO.	GG-6



# PUKASKWA RIVER AREA



## LEGEND

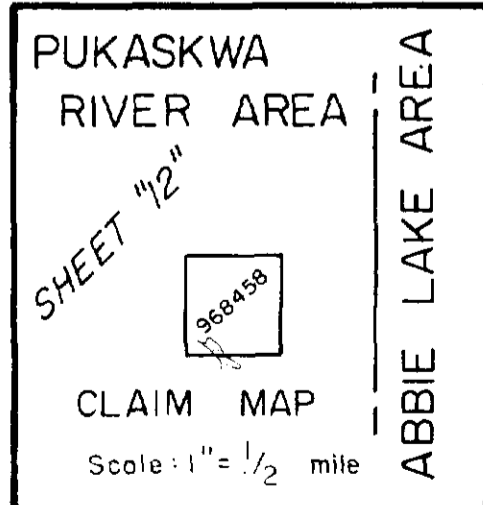
- Metasedimentary**
- S2 Quartzite, siltstone
- S1 Greywacke

## SYMBOLS

- Geological boundary (assumed)
- Geological contact observed, (inclined)
- Bedding, banding, laminations (inclined, vertical)
- Joints (inclined, vertical)
- Small outcrop
- Large outcrop
- Cliff/ledge
- Claim post
- Swamp
- Lake

N.B. Surface samples and gold assay results are indicated at sample locations.  
Example: x 03942 nil

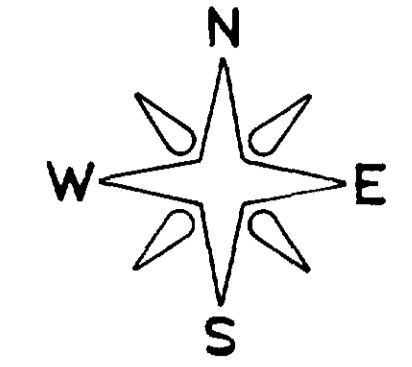
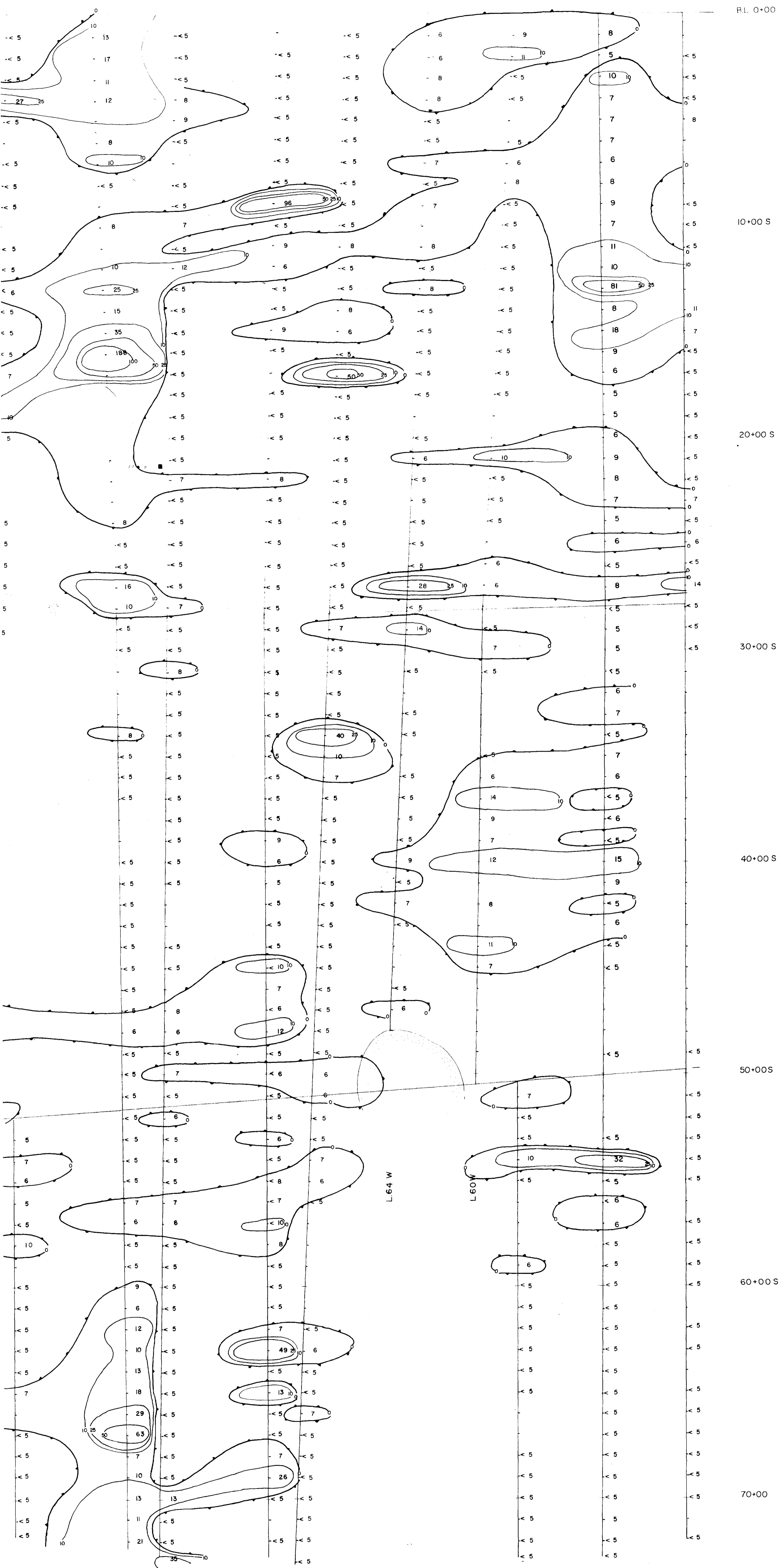
P3/968458  
P2/957980



TYPE OF WORK		GEOLOGY 2.11809	
CLIENT			
KOALA RESOURCES LTD.			
PROJECT		AREA	
STONEY CREEK		PUKASKWA RIVER AREA, ONT.	
 <i>H. Ferderber</i> H. Ferderber Geophysics Ltd.	SCALE	DATE	
	1" = 200'	AUGUST 1988	
DRAWN BY	MAP OR SHEET NO.		
<i>W.M.</i>	GG-12 Grid 2		



42C03NW0008 2.11809 PUKASKWA RIVER



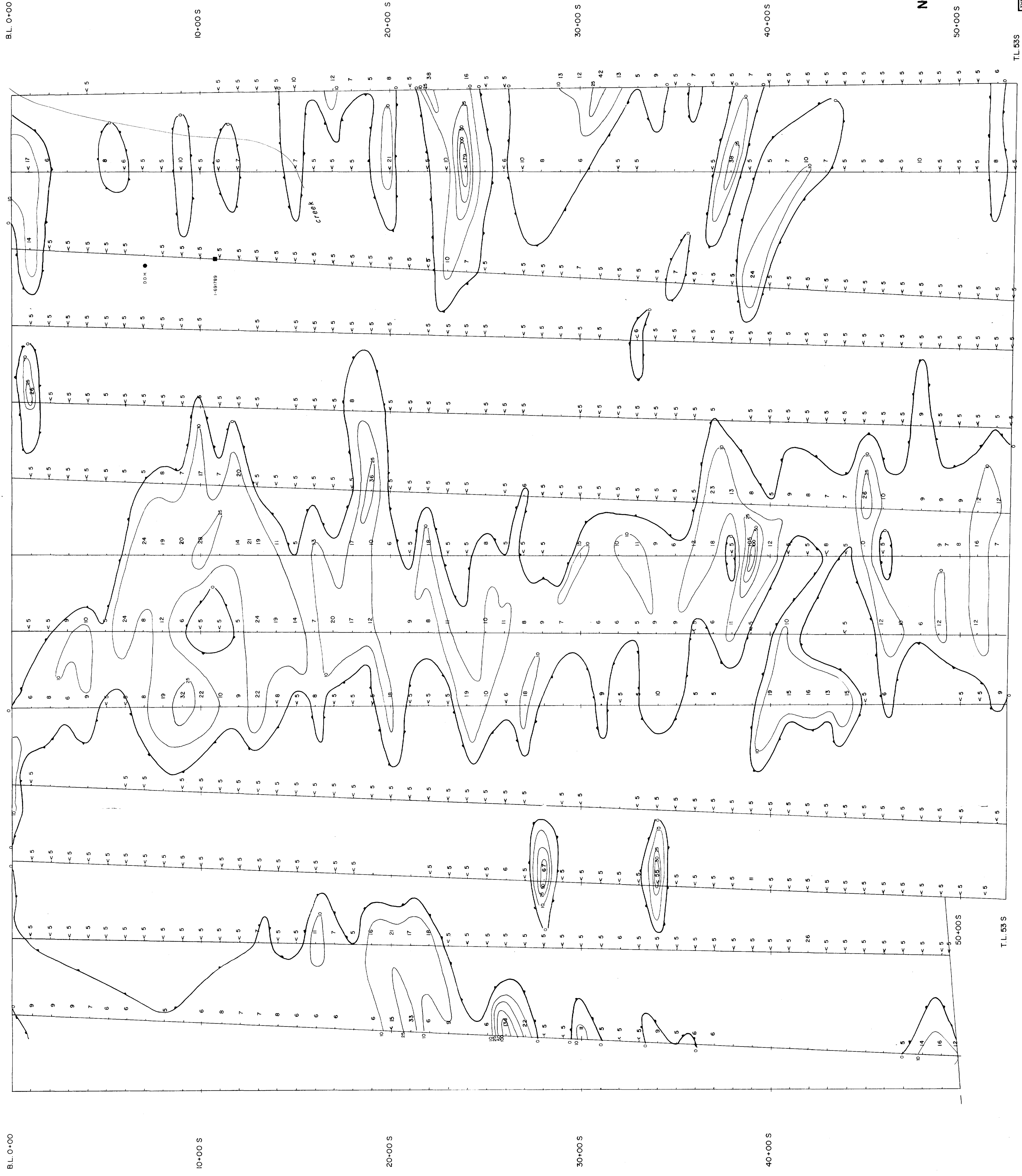
CONTOUR VALUES  
 ~ 0 is 4.5 ppb  
 ~ 10 ppb.  
 ~ 25 ppb.  
 ~ 50 ppb.  
 ~ 100 ppb.  
 ~ 500 ppb.

NOTE: VALUES ARE INDICATED IN ppb IN GOLD

2.11809

TYPE OF WORK		
<b>GEOCHEMICAL SOIL SURVEY</b>		
CLIENT		
<b>KOALA RESOURCES LTD.</b>		
PROJECT	AREA	
STONEY CREEK	PUKASKWA RIVER AREA, ONT.	
DRAWN BY <i>D. M.</i>	SCALE	DATE
	1" = 200'	SEPT: 1988
H. Ferderber Geophysics Ltd.		MAP OR SHEET NO.
		GS-1

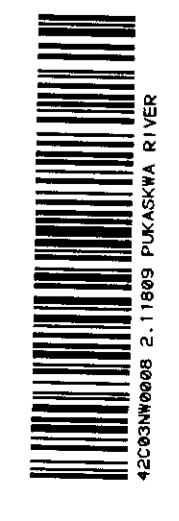
# PUKASKWA RIVER AREA



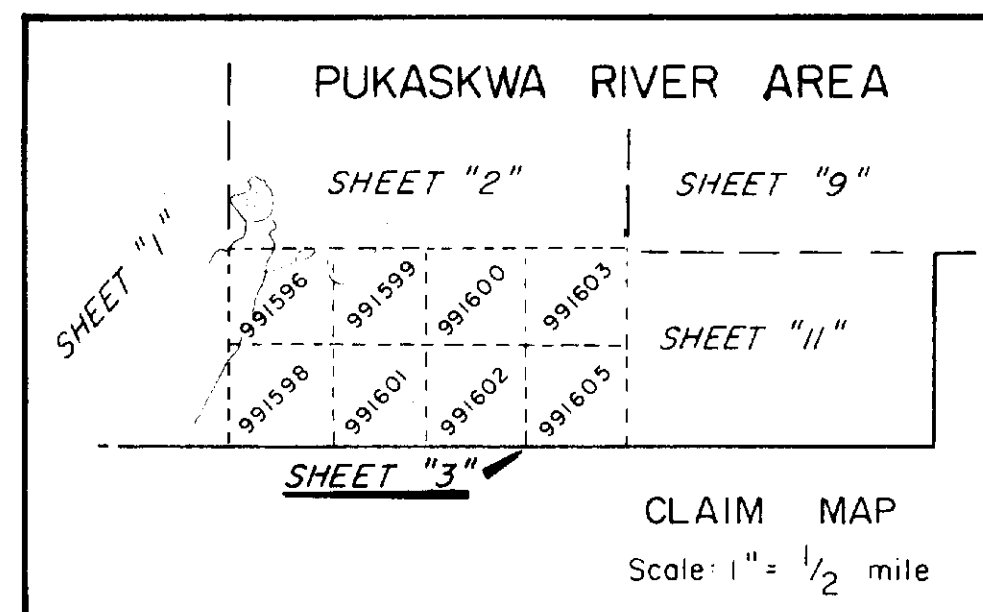
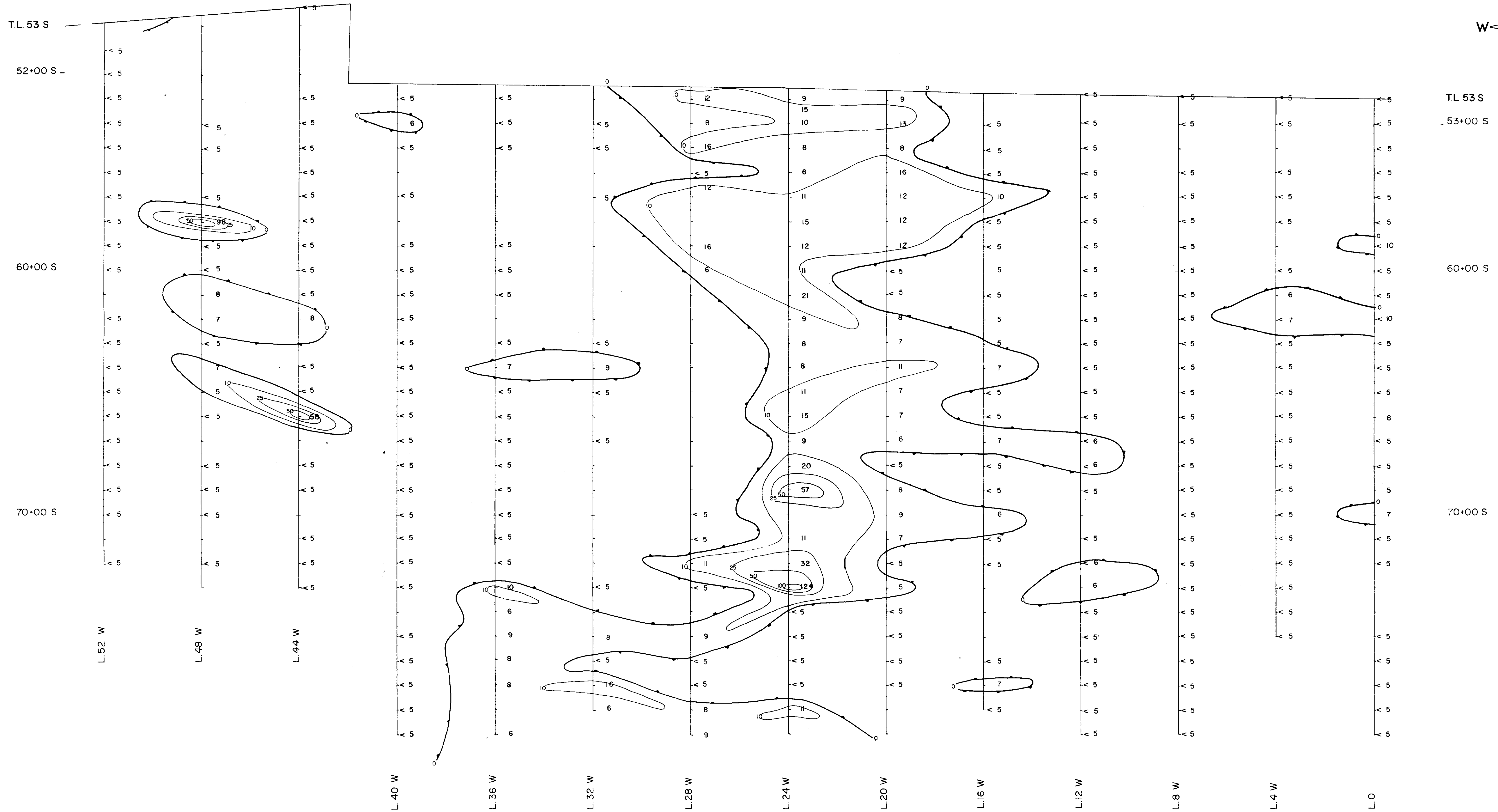
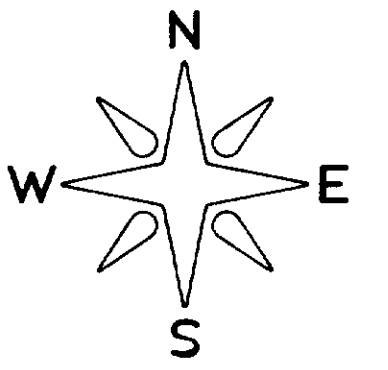
**NOTE:** VALUES ARE INDICATED IN P.P.B. IN GOLD

2.11809

TYPE OF WORK		GEOCHEMICAL SOIL SURVEY	
CLIENT		KOALA RESOURCES LTD.	
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT.
DATE	AUGUST 1988	SCALE	1" = 200'
DRAWN BY	H. Ferderber Geophysics Ltd.	MAP OR SHEET NO.	GS-2



# PUKASKWA RIVER AREA



**NOTE:** VALUES ARE INDICATED IN p.p.b. IN GOLD

**CONTOUR VALUES**

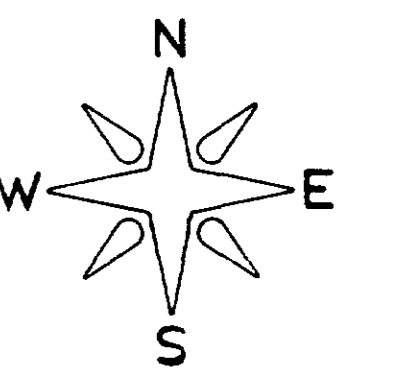
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- ~ 10 p.p.b.
- ~ 25 p.p.b.
- ~ 50 p.p.b.
- ~ 100 p.p.b.
- ~ 500 p.p.b.

**2.11809**

<b>TYPE OF WORK</b>		<b>GEOCHEMICAL SOIL SURVEY</b>	
<b>CLIENT</b>		<b>KOALA RESOURCES LTD.</b>	
<b>PROJECT</b>	<b>AREA</b>	<b>PUKASKWA RIVER AREA, ONT.</b>	
STONEY CREEK		<b>SCALE</b>	<b>DATE</b>
		1" = 200'	AUGUST 1988
<b>H. Ferderber Geophysics Ltd.</b>	<b>DRAWN BY</b>	<b>MAP OR SHEET NO.</b>	
	W.J.	GS-3	



# PUKASKWA RIVER AREA



**CONTOUR VALUES**

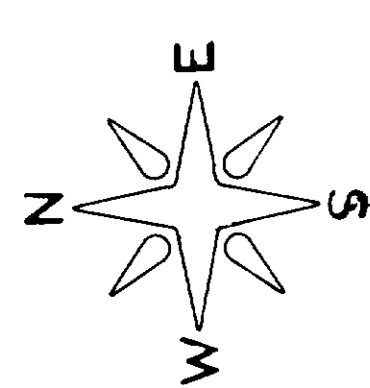
- ~ 0 to 5 p.p.b.
- ~ 10 p.p.b.
- ~ 25 p.p.b.
- ~ 50 p.p.b.
- ~ 100 p.p.b.
- ~ 500 p.p.b.

**NOTE:** VALUES ARE INDICATED IN ppb. IN GOLD

2.11809

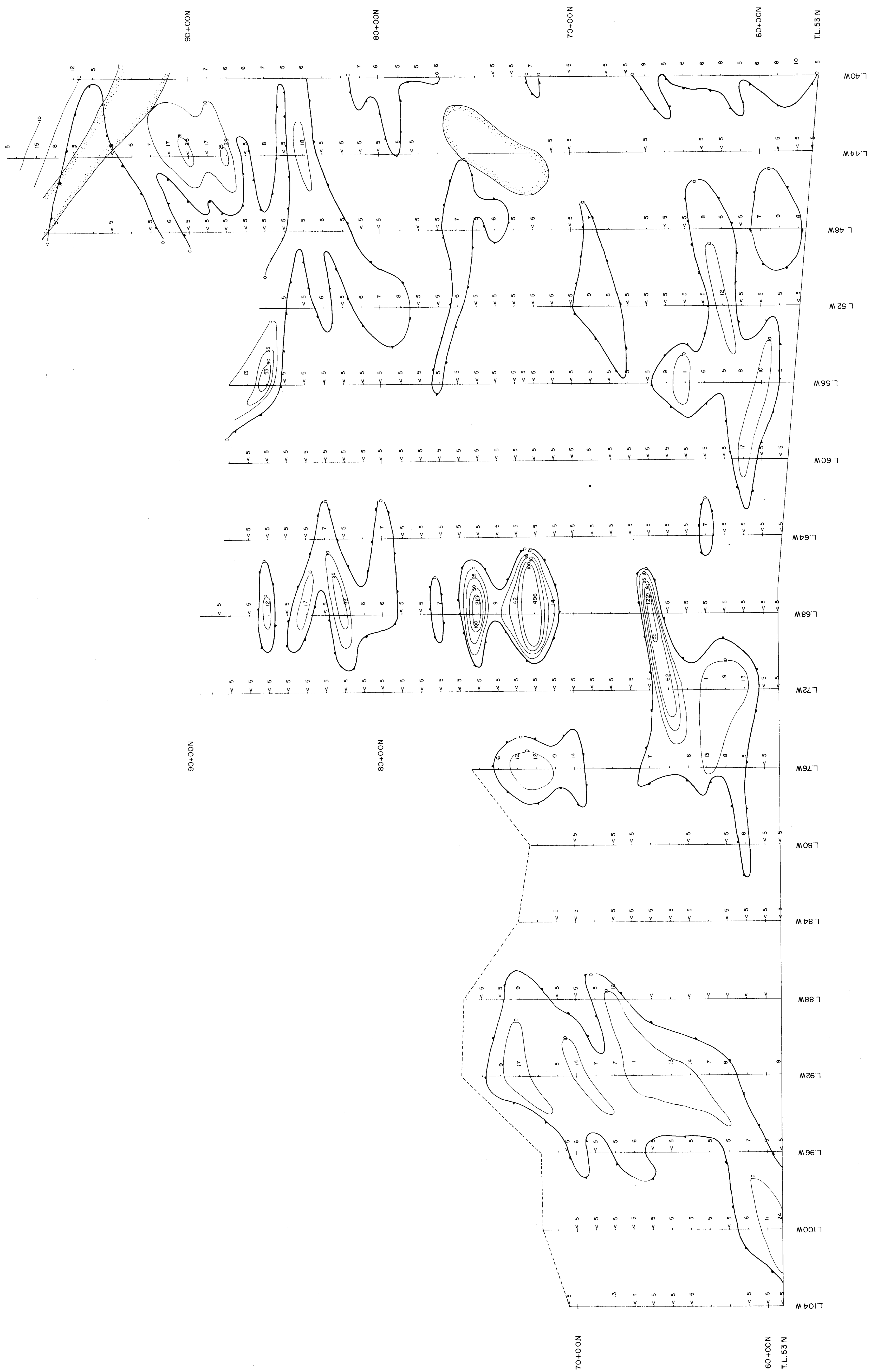
R AREA  
"5"  
SHEET "6"  
"7"/"

<b>TYPE OF WORK</b>		
<b>GEOCHEMICAL SOIL SURVEY</b>		
<b>CLIENT</b>		
<b>KOALA RESOURCES LTD.</b>		
<b>PROJECT</b>	<b>AREA</b>	
STONEY CREEK	PUKASKWA RIVER AREA, ONT.	
<i>Robert M. Hout</i>	<b>SCALE</b>	<b>DATE</b>
H. Ferderber Geophysics Ltd.	1"=200'	AUGUST 1988
	<b>DRAWN BY</b>	<b>MAP OR SHEET NO.</b>
	<i>D. M.</i>	GS-4



# PUKASKWA RIVER AREA

100+00N

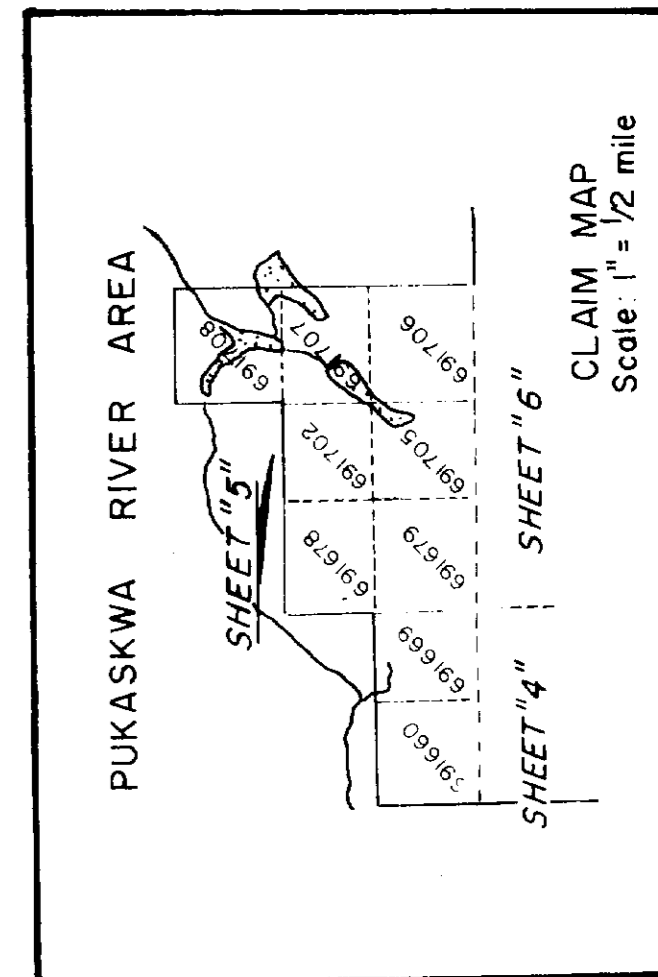


2.11809

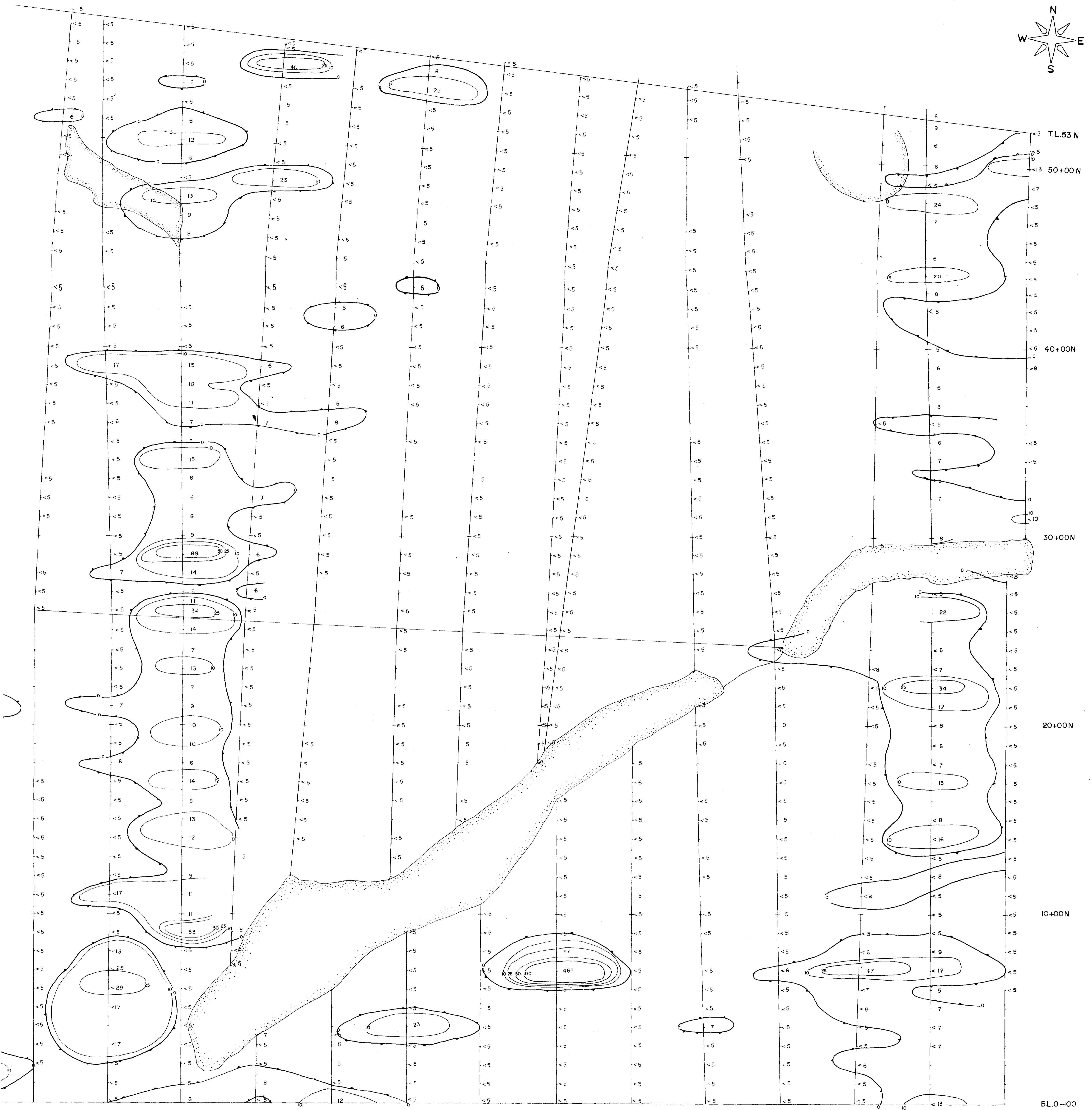
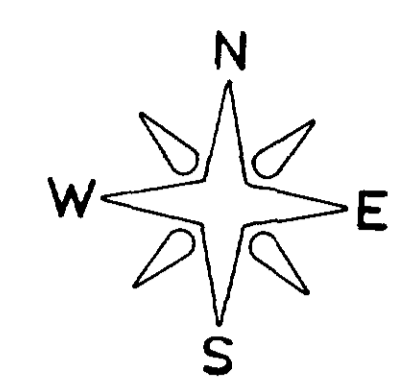
TYPE OF WORK		GEOCHEMICAL SOIL SURVEY	
CLIENT		KOALA RESOURCES LTD.	
PROJECT		STONEY CREEK	AREA PUKASKWA RIVER AREA, ONT
DRAWN BY		H. Ferderber	DATE AUGUST 1988
MAP OR SHEET NO.		GS-5	MAP OR SHEET NO.

CONTOUR VALUES  
0 is 5 ppb  
5 is 10 ppb  
10 is 25 ppb  
25 is 50 ppb  
50 is 100 ppb  
100 is 500 ppb

NOTE: VALUES ARE INDICATED IN PPB IN GOLD



# PUKASKWA RIVER AREA



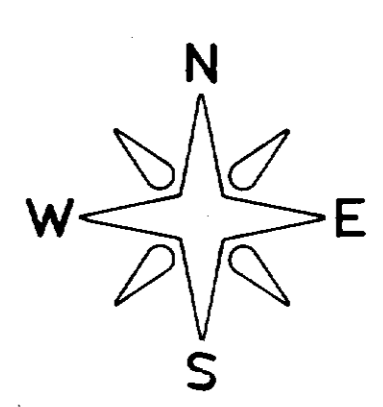
L.52W    L.48W    L.44W    L.40W    L.36W    L.32W    L.28W    L.24W    L.20W    L.16W    L.12W    L.8W    L.4W    L.0

**CONTOUR VALUES**  
 ~ 0 is #5 p.p.b.  
 ~ 10 p.p.b.  
 ~ 25 p.p.b.  
 ~ 50 p.p.b.  
 ~ 100 p.p.b.  
 ~ 500 p.p.b.

**NOTE:** VALUES ARE INDICATED IN p.p.b. IN GOLD

<b>TYPE OF WORK</b>			
<b>GEOCHEMICAL SOIL SURVEY</b>			
<b>CLIENT</b>			
<b>KOALA RESOURCES LTD. 2.11809</b>			
<b>PROJECT</b>		<b>AREA</b>	
STONEY CREEK		PUKASKWA RIVER AREA, ONT.	
<b>SCALE</b>		<b>DATE</b>	
1" = 200'		AUGUST 1988	
<b>DRAWN BY</b>		<b>MAP OR SHEET NO.</b>	
H. Ferderber Geophysics Ltd.		GS-6	

# RIVER AREA



B.L. 0+00  
 10+00 S  
 20+00 S  
 30+00 S  
 40+00 S  
 50+00 S  
 60+00 S  
 70+00

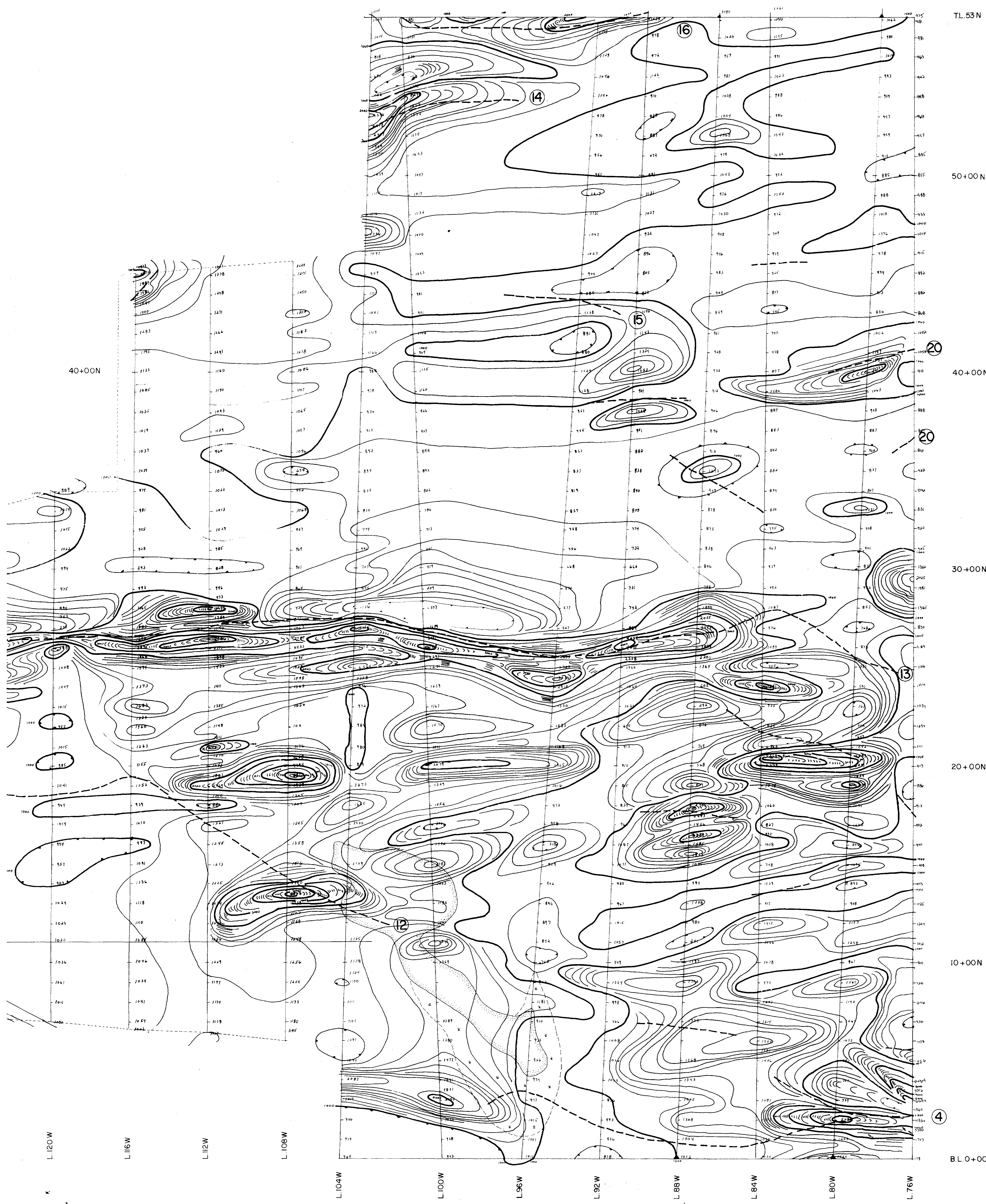
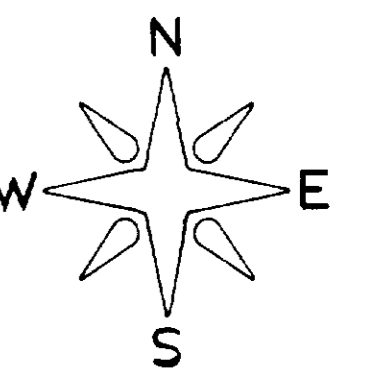
- LEGEND**
- MEASUREMENT STATIONS ALONG PICKET LINES
  - READINGS OF EARTH'S TOTAL MAGNETIC FIELD
  - RECORDED READINGS ARE 58 000 PLUS PLOTTED VALUES
  - FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
  - MAGNETIC CONTOURS
  - BASE STATION
  - MAGNETIC LOW
  - INSTRUMENT USED: PROTON MAGNETOMETER GEM,GSM-8
  - TO \_\_\_\_\_ GAMMAS
  - TO \_\_\_\_\_ GAMMAS
  - OVER \_\_\_\_\_ GAMMAS
  - ELECTRICAL CONDUCTOR

<b>MAGNETOMETER SURVEY</b>		
<b>KOALA RESOURCES LTD. 2.11809</b>		
PROJECT STONEY CREEK	AREA PUKASKWA RIVER AREA, ONT.	DATE AUGUST 1988
DRAWN BY H. Ferderber Geophysics Ltd.	SCALE 1" = 200'	MAP OR SHEET NO. MG-1

L.84 W      L.80 W      L.76 W      L.72 W      L.68 W      L.60 W      L.56 W      L.52 W



# PUKASKWA RIVER AREA

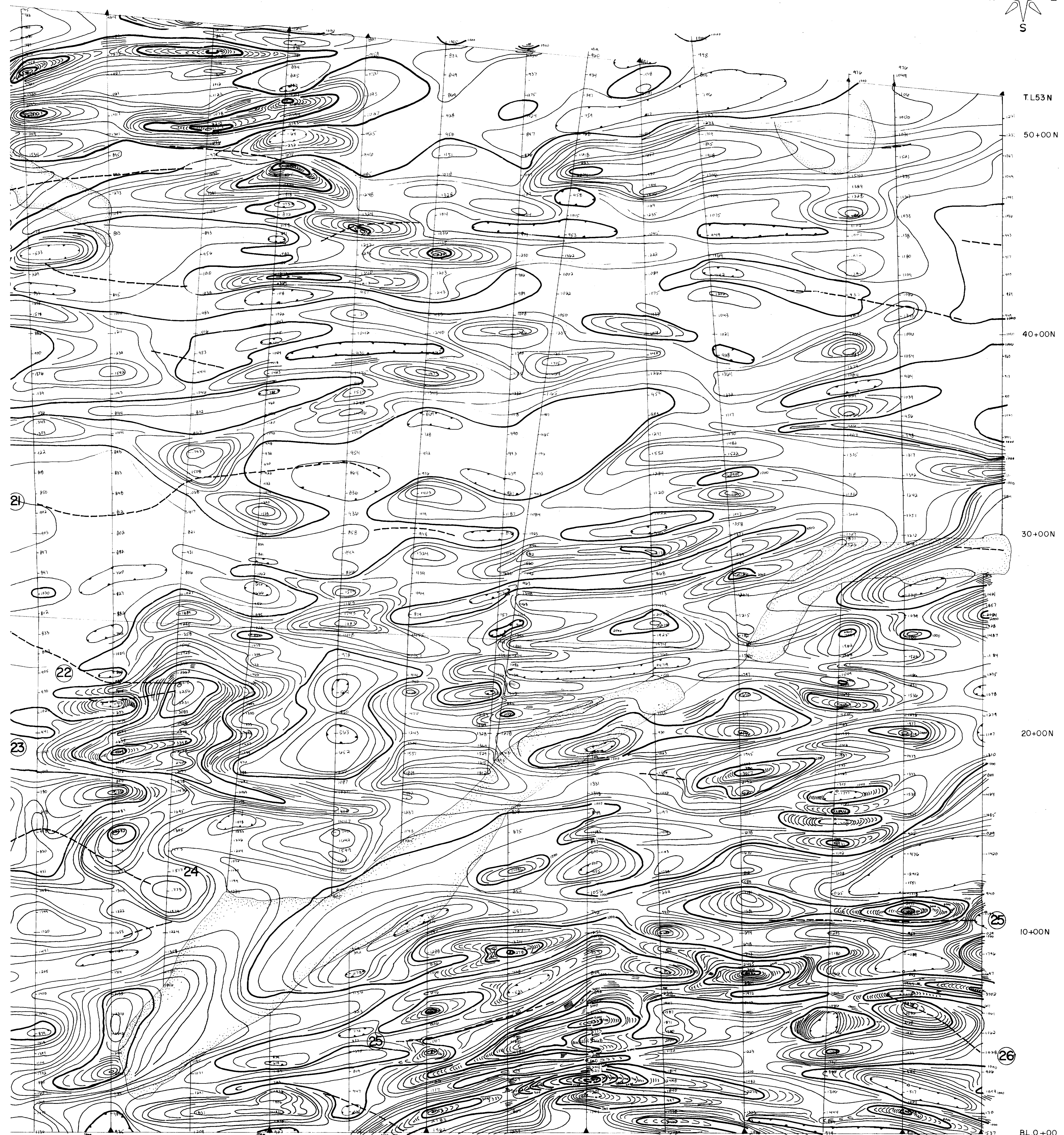
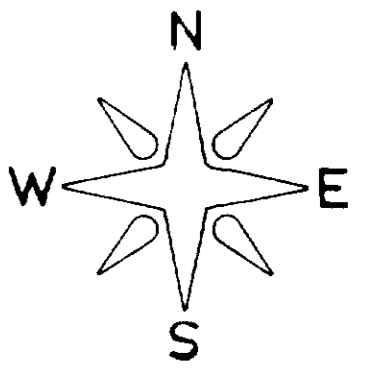


### LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 58000 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED : PROTON MAGNETOMETER GEM, GSM-8
- TO \_\_\_\_\_ GAMMAS
- TO \_\_\_\_\_ GAMMAS
- OVER \_\_\_\_\_ GAMMAS
- ELECTRICAL CONDUCTOR

TYPE OF WORK		<b>MAGNETOMETER SURVEY</b>	
CLIENT		<b>KOALA RESOURCES LTD. 2.11809</b>	
PROJECT	STONEY CREEK	AREA	PUKASKWA RIVER AREA, ONT.
DRAWN BY	<i>H. Ferderber</i> H. Ferderber Geophysics Ltd.	SCALE	1"=200'
		DATE	AUGUST 1988
MAP OR SHEET NO.		MG-4	

# PUKASKWA RIVER AREA



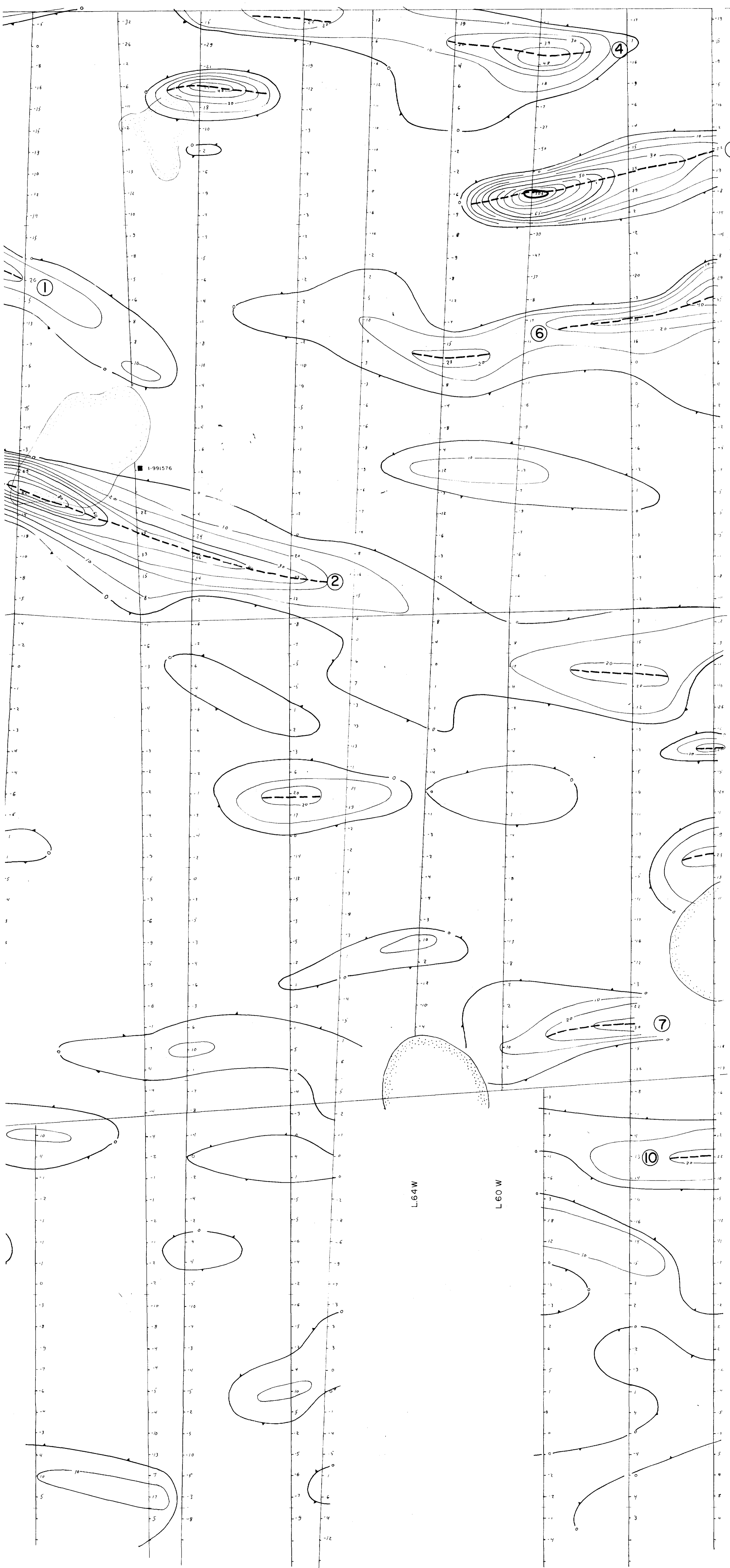
### LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- READINGS OF EARTH'S TOTAL MAGNETIC FIELD
- RECORDED READINGS ARE 58000 PLUS PLOTTED VALUES
- FORCE OF THE EARTH'S MAGNETIC FIELD ( IN GAMMAS )
- MAGNETIC CONTOURS
- BASE STATION
- MAGNETIC LOW
- INSTRUMENT USED : PROTON MAGNETOMETER GEM,GSM-8
- TO \_\_\_\_\_ GAMMAS
- TO \_\_\_\_\_ GAMMAS
- OVER \_\_\_\_\_ GAMMAS
- ELECTRICAL CONDUCTOR

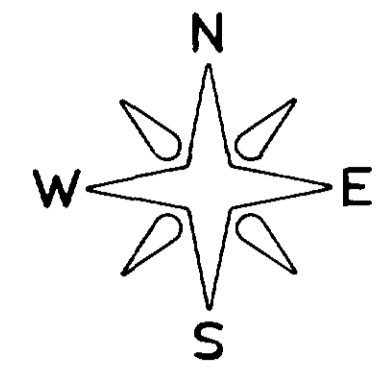
<b>MAGNETOMETER SURVEY</b>	
CLIENT <b>KOALA RESOURCES LTD. 2.11809</b>	
PROJECT <b>STONEY CREEK</b>	AREA <b>PUKASKWA RIVER AREA, ONT.</b>
 <b>H. Ferderber Geophysics Ltd.</b>	DATE <b>AUGUST 1988</b>
SCALE <b>1" = 200'</b>	DRAWN BY <i>P.M.</i>
	MAP OR SHEET NO. <b>MG-6</b>

L.48W    L.44W    L.40W    L.36W    L.32W    L.28W    L.24W    L.20W    L.16W    L.12W    L.8W    L.4W    L.0

# RIVER AREA



B.L. 0+00



10+00 S

20+00 S

30+00 S

40+00 S

50+00 S

60+00 S

70+00

## LEGEND

- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER , MAINE , USA (M.A.A. 24.0 KHz.)
- CLAIM POST

NOTE: Readings taken facing North, notes calculated South to North

PROJECT <b>V.L.F. ELECTROMAGNETIC SURVEY</b>		
CLIENT <b>KOALA RESOURCES LTD. 2. 11809</b>		
PROJECT <b>STONEY CREEK</b>	AREA <b>PUKASKWA RIVER AREA, ONT.</b>	
 <b>H. Ferderber Geophysics Ltd.</b>	SCALE <b>1" = 200'</b>	DATE <b>AUGUST 1988</b>
DRAWN BY <i>[Signature]</i>	MAP OR SHEET NO. <b>EM-1</b>	

L.84 W

L.80 W

L.76 W

L.72 W

L.68 W

L.64 W

L.60 W

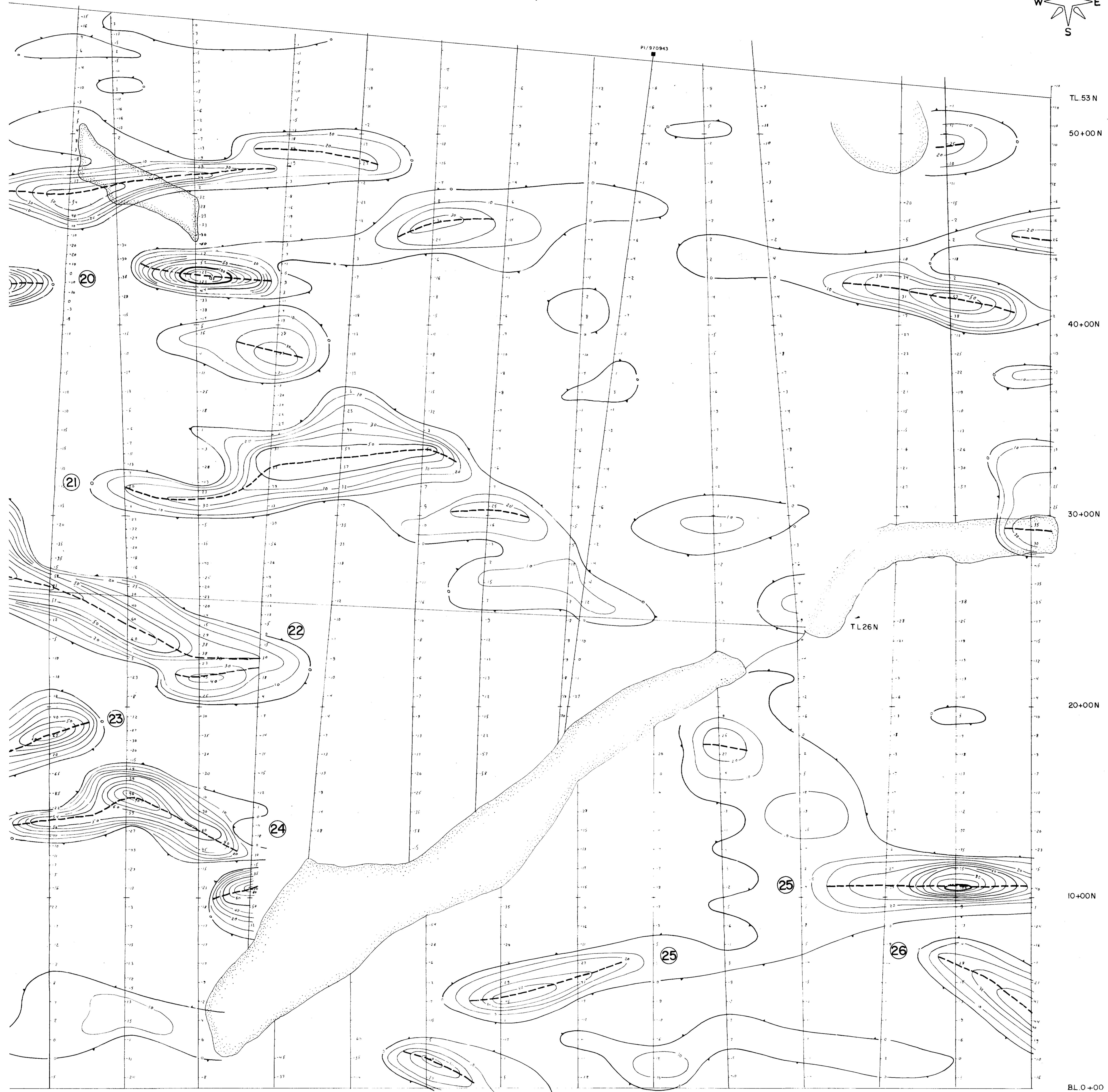
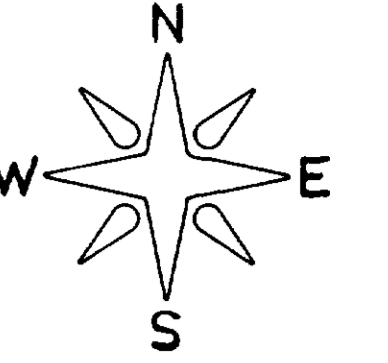
L.60 W

L.56 W

L.52 W



# PUKASKWA RIVER AREA



L.52W    L.48W    L.44W    L.40W    L.36W    L.32W    L.28W    L.24W    L.20W    L.16W    L.12W    L.8W    L.4W    L.0

### LEGEND

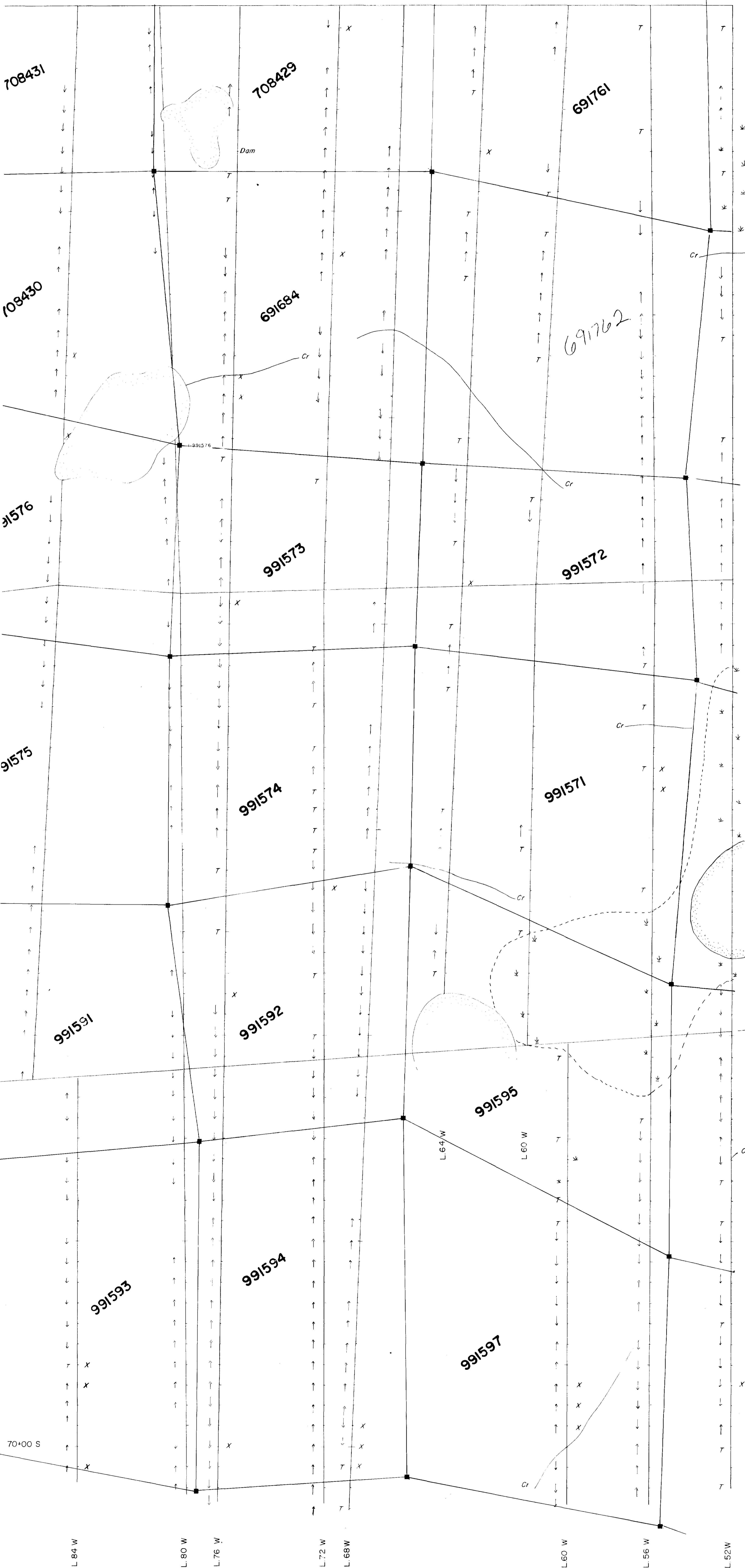
- MEASUREMENT STATIONS ALONG PICKET LINES
- FRASER REDUCTION METHOD USED
- CONTOUR INTERVAL : 10%
- ELECTRICAL CONDUCTOR
- INSTRUMENT USED : GEONICS EM - 16
- STATION USED : CUTLER, MAINE, USA (N.A.A. 240 kHz.)
- CLAIM POST

2.11809

NOTE: Readings taken facing North, notes calculated South to North.

<b>V.L.F. ELECTROMAGNETIC SURVEY</b>		
CLIENT <b>KOALA RESOURCES LTD.</b>		
PROJECT STONEY CREEK	AREA PUKASKWA RIVER AREA, ONT.	
 H. Ferderber Geophysics Ltd.	SCALE 1" = 200'	DATE AUGUST 1988
	DRAWN BY <i>H.F.</i>	MAP OR SHEET NO. EM-6

WA RIVER AREA



BL. 0+00  
10+00 S  
20+00 S  
30+00 S  
40+00 S  
50+00 S  
60+00 S  
70+00 S

**LEGEND**

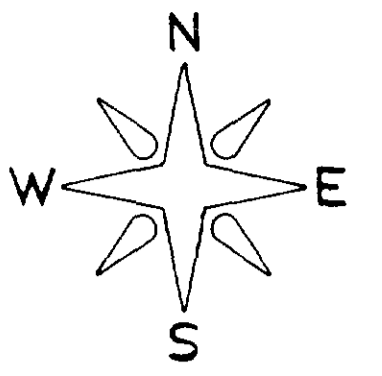
- T TOP
- ↑ SLOPE
- X OUTCROP
- Cr CREEK
- CLIFF
- ⋆ SWAMP


TYPE OF WORK			
<b>TOPOGRAPHICAL FEATURES</b>			
CLIENT			
KOALA RESOURCES LTD. 211809			
PROJECT		AREA	
STONEY CREEK		PUKASKWA RIVER AREA, ONT.	
SCALE		DATE	
1" = 200'		AUGUST 1988	
DRAWN BY		MAP OR SHEET NO.	
Dm.		TF-1	

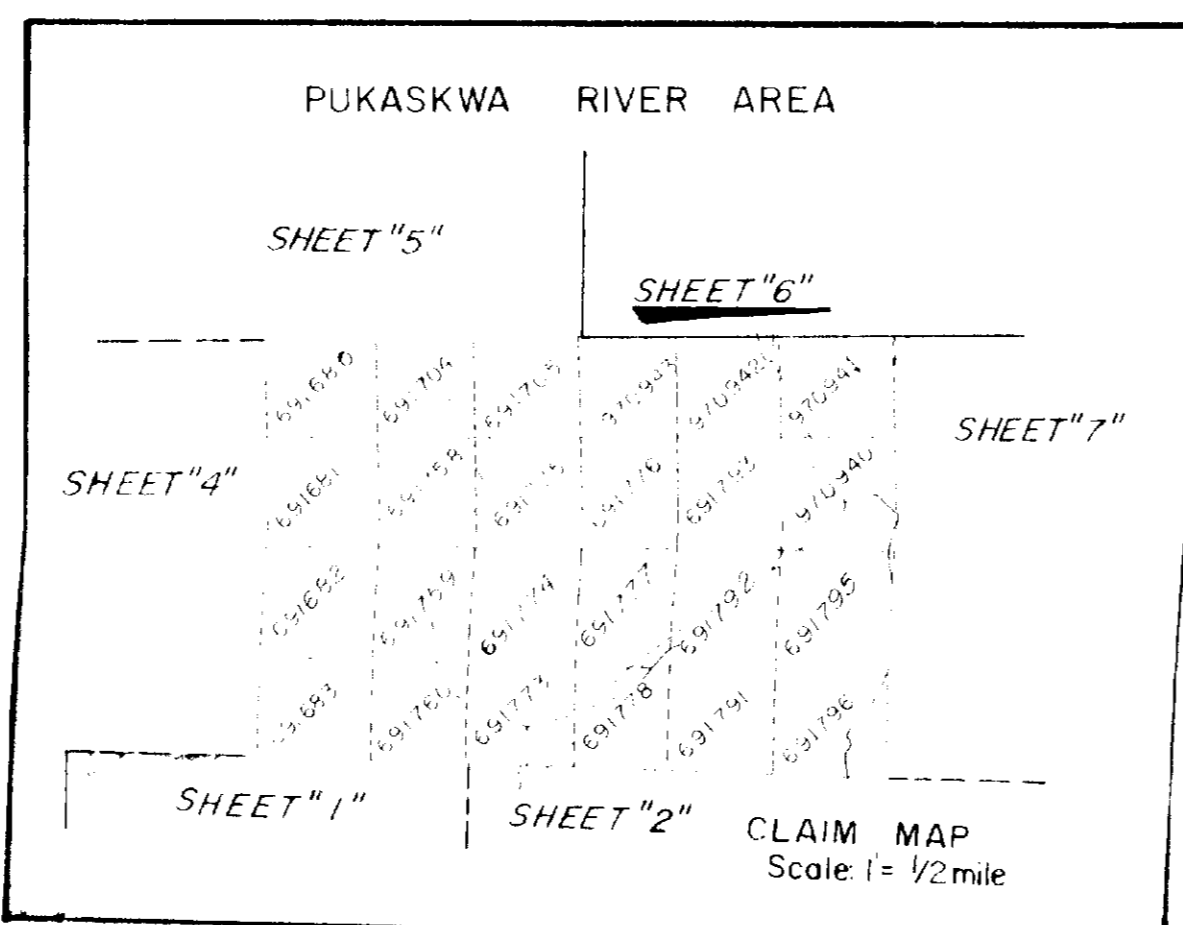
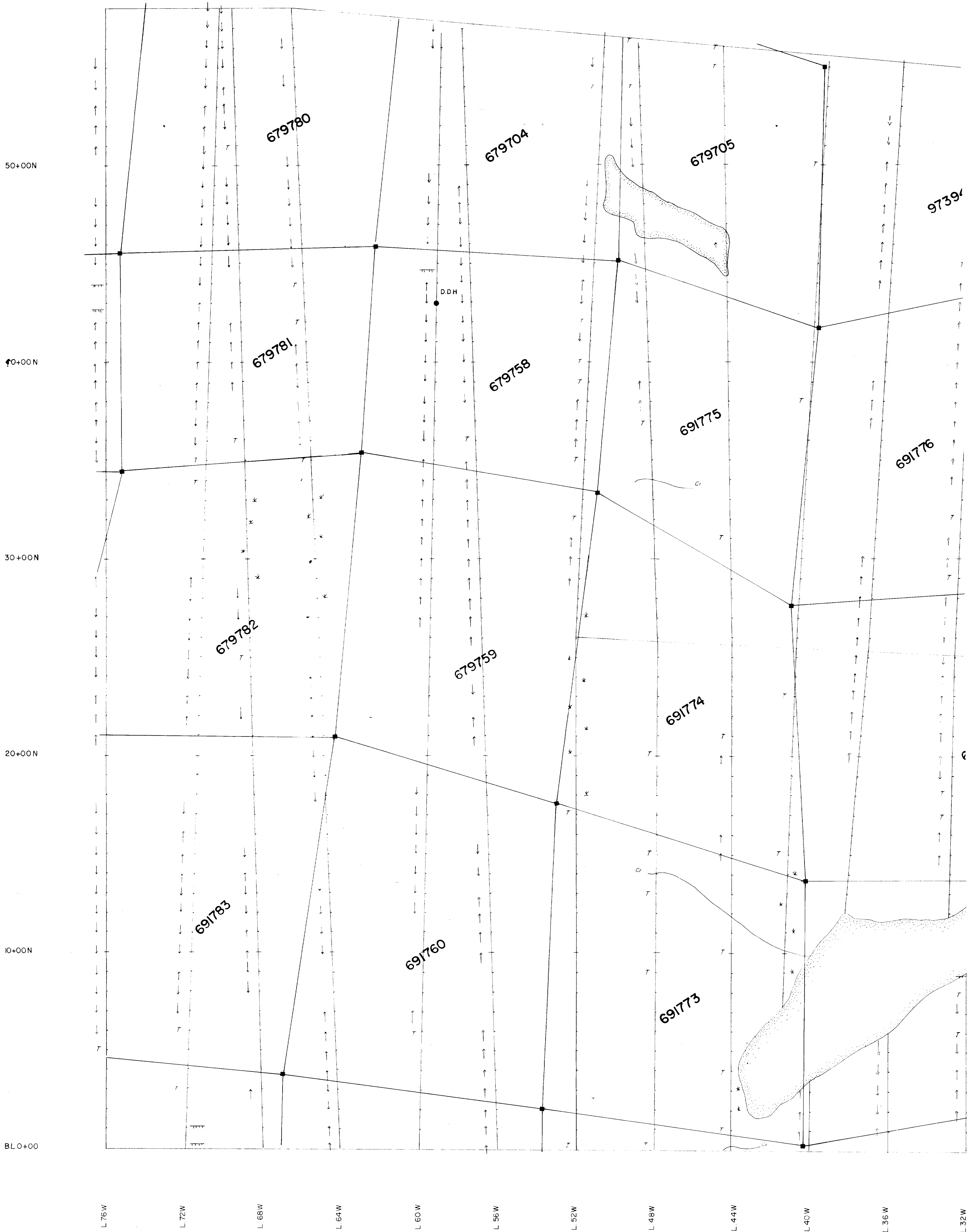


H. Ferderber Geophysics Ltd.

# RIVER AREA

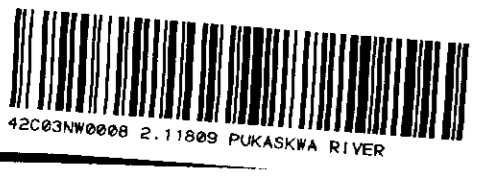


TYPE OF WORK		<b>TOPOGRAPHICAL FEATURES</b>	
CLIENT			
KOALA RESOURCES LTD. 2.11809			
PROJECT		AREA	
STONEY CREEK		PUKASKWA RIVER AREA, ONT.	
SCALE		DATE	
1"=200'		AUGUST 1988	
DRAWN BY		MAP OR SHEET NO.	
D. M.		TF-4	
 <b>H. Ferderber Geophysics Ltd.</b>			



**LEGEND**

- T TOP
- ↑ SLOPE
- x OUTCROP
- Cr CREEK
- CLIFF
- x SWAMP
- D.D.H.





# PUKASKWA RIVER AREA

BL 0+00

10+00 S

20+00 S

30+00 S

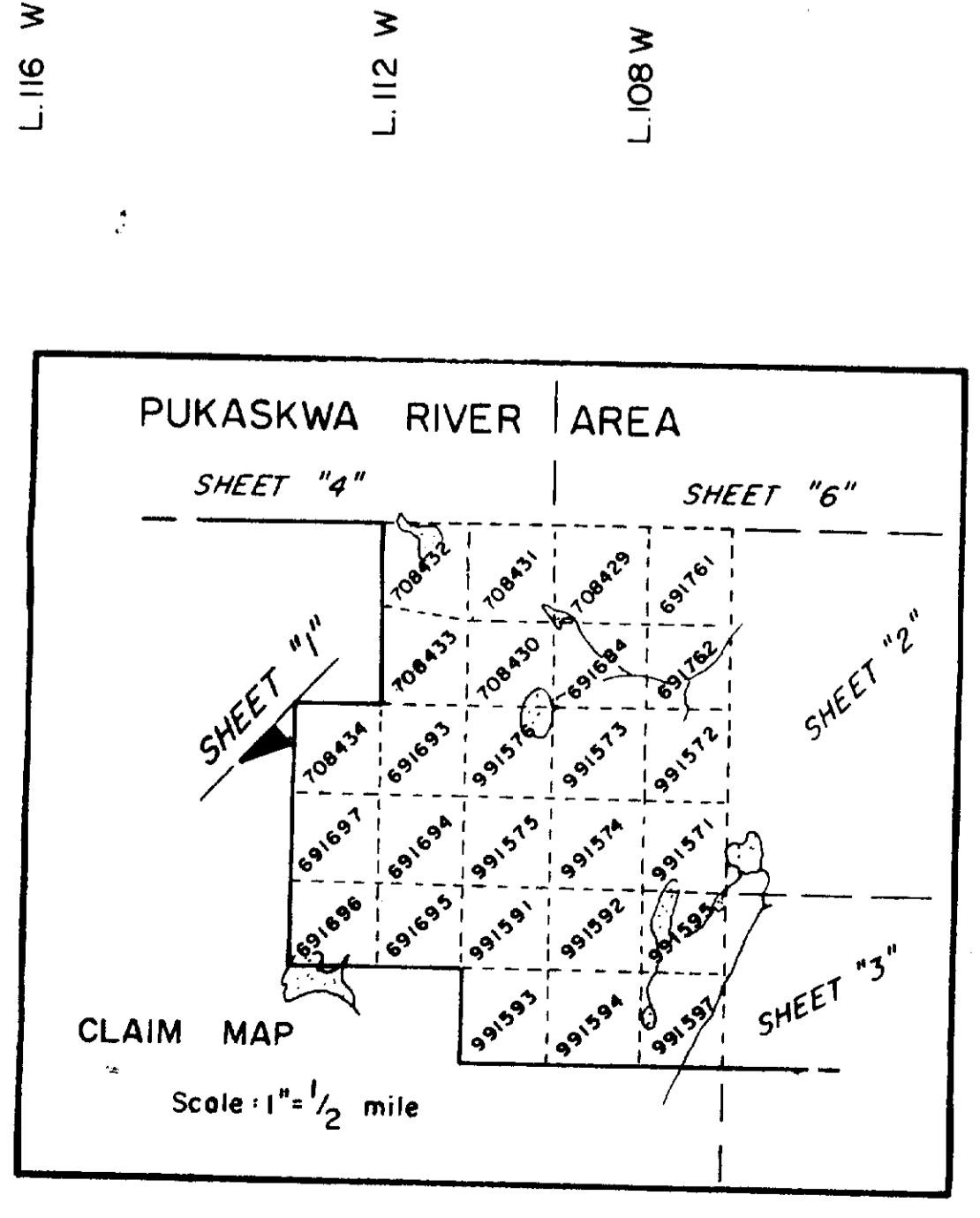
40+00 S

50+00 S

T.L. 53 S

60+00 S

70+00 S



L. 116 W

L. 112 W

L. 108 W

L. 104 W

L. 100 W

L. 96 W

L. 92 W

L. 88 W

L. 84 W

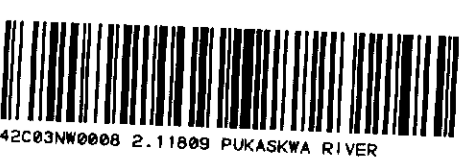
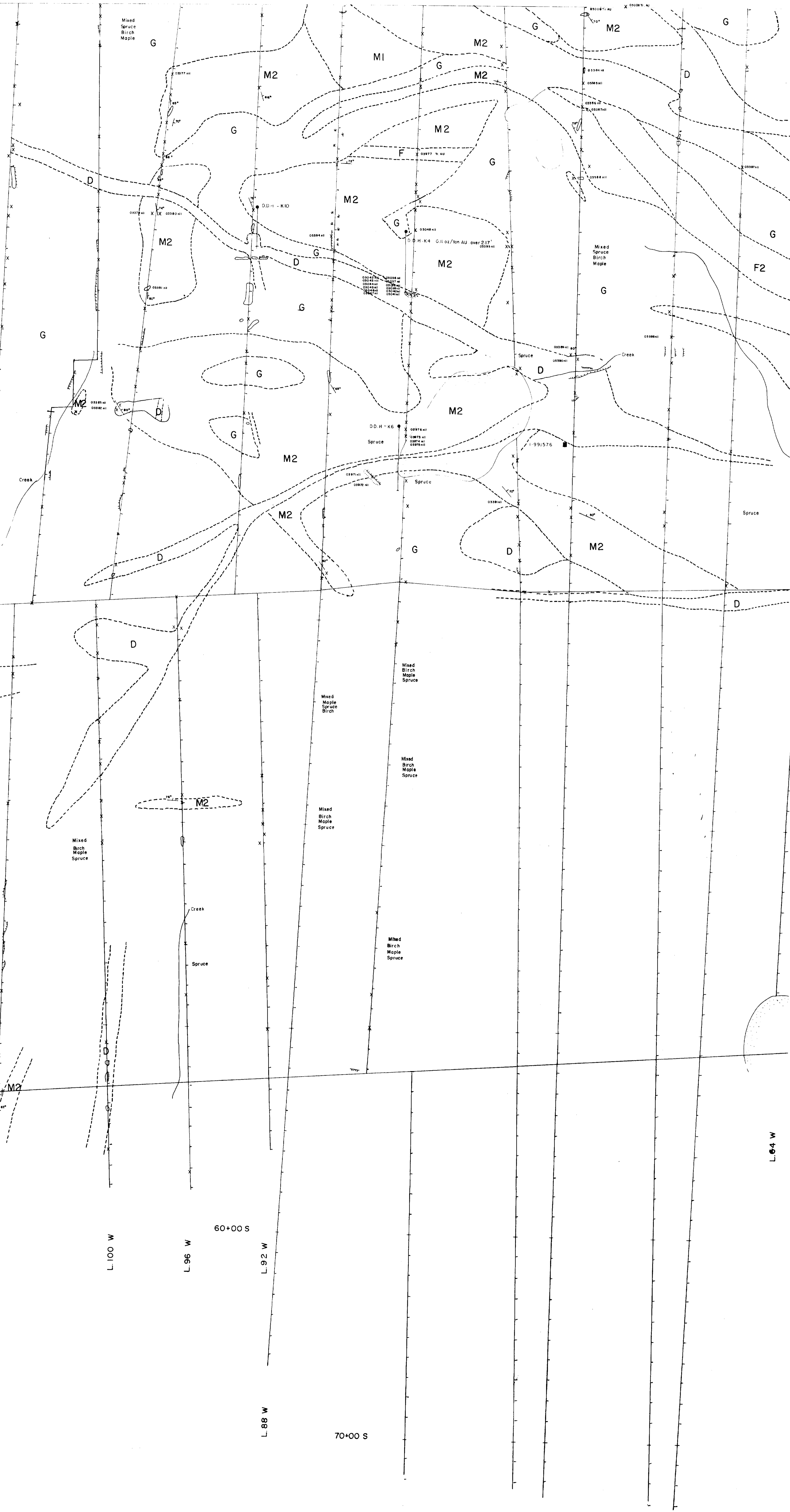
L. 80 W

L. 76 W

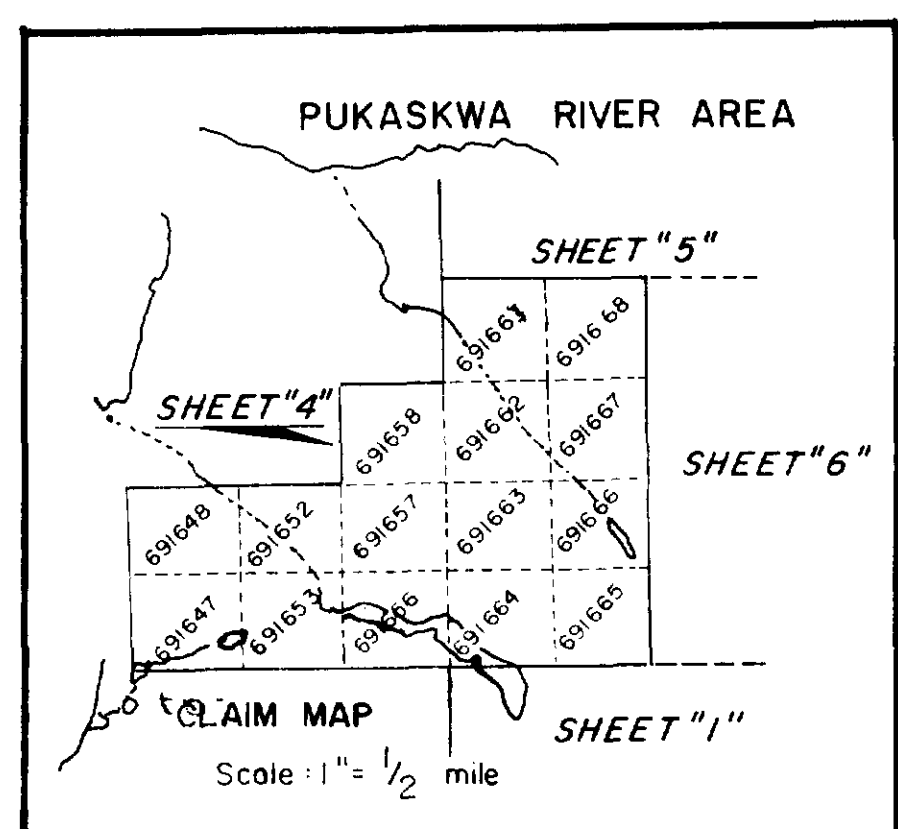
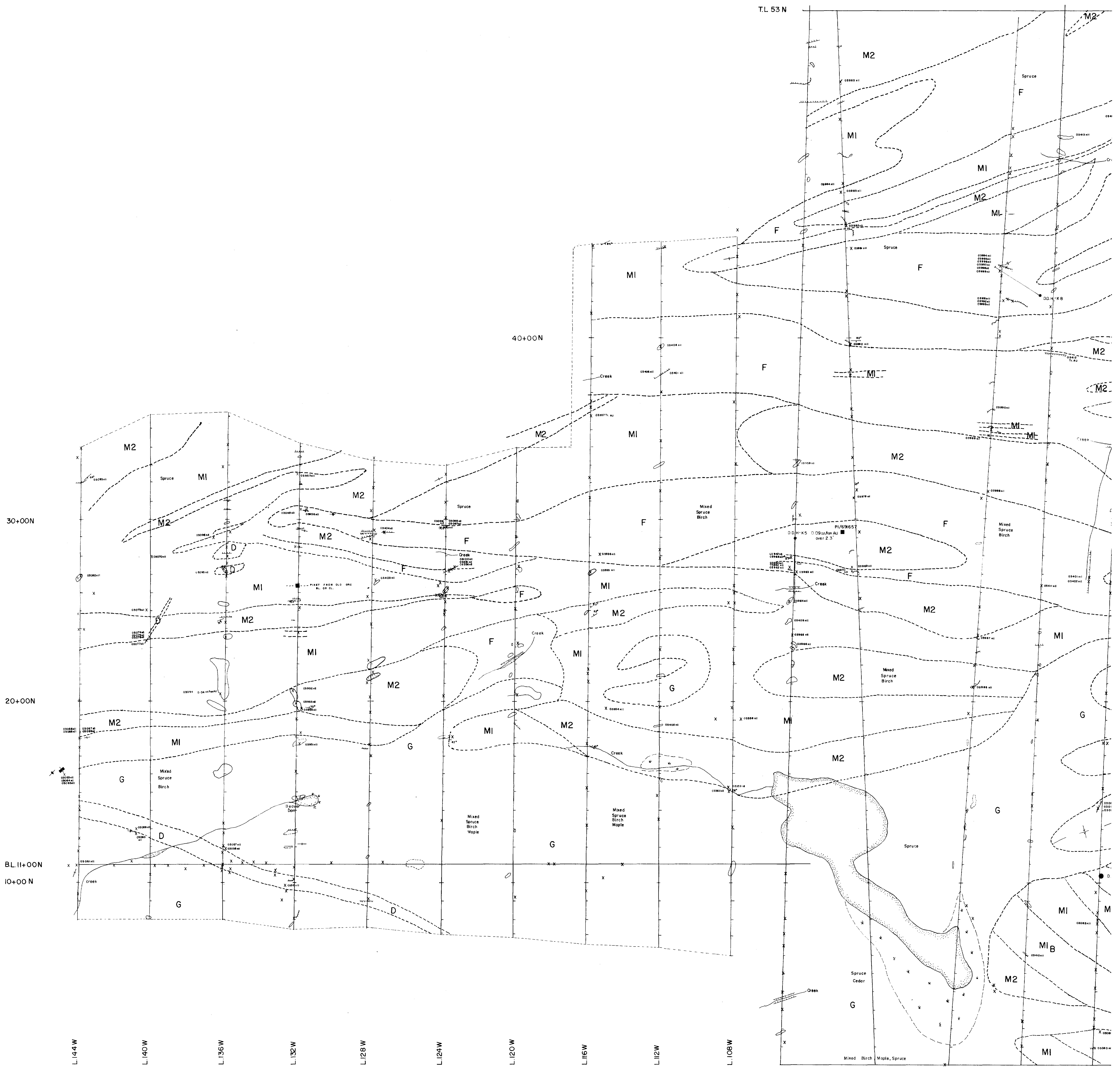
L. 72 W

L. 68 W

L. 64 W



# PUKASKWA RIVER AREA



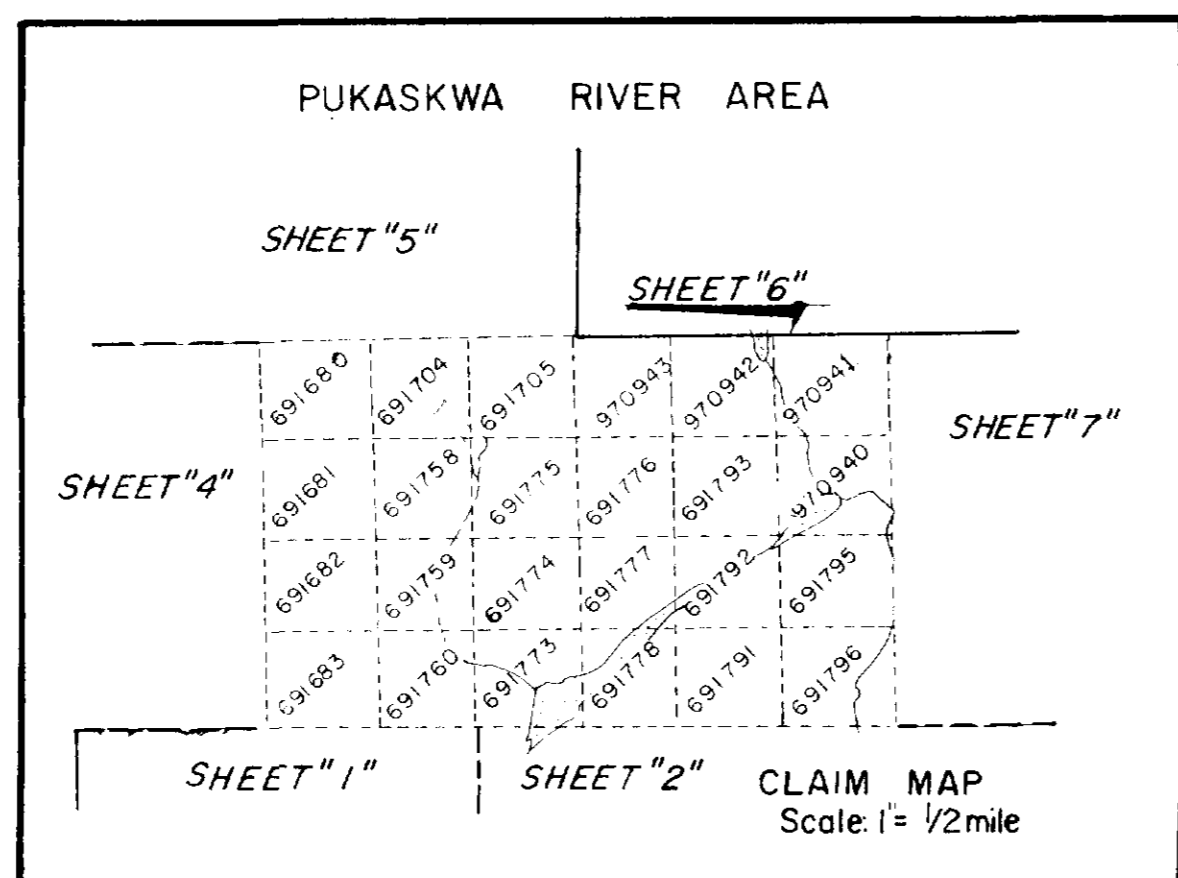
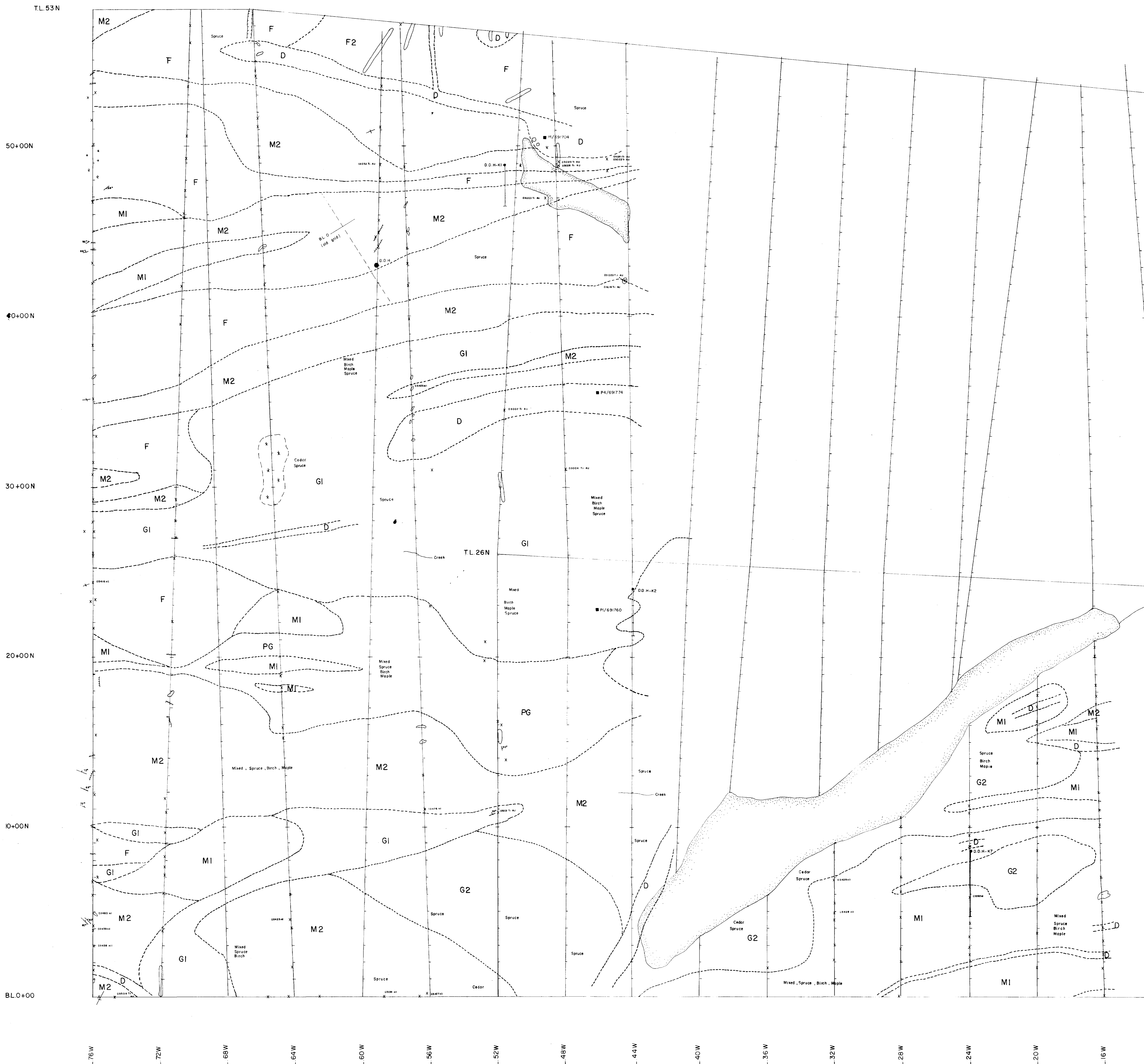
SYMBOLS	
	Banding, bedding, (inclined, horizontal)
	Gneissosity, (inclined, horizontal)
	Joints, (inclined, horizontal)
	Shear
	Geological boundary
	Geological contact observed (inclined, unknown inclination)
	Synformal axis
	Diamond drill hole, with azimuth
	Diamond drill hole, azimuth undetermined
	Small outcrop
	Large outcrop
	Poorly exposed outcrop
	Cliff/Ledge
	Gold
	Clam post
	Swamp
	Lake
	Creek

N.B. Surface sample numbers and gold assay results are indicated at sample locations.  
 \* Sample # 03942 nil

LEGEND	
D	Diorite "diabase" dykes and sills
G	Granite, predominantly white biotite granite
G1	Granitic gneiss
G2	Hornblende granite
I	Intermediate to mafic intrusive, interpreted from geophysics
PG	Paragneiss
F	Metasediments, arkose, greywacke, siltstone, in part felsic metavolcanics and pyrrhotite/ironformation
F2	Gneissic metasediments
M2	Intermediate to mafic metavolcanics, banded
M1	Mafic to intermediate metavolcanics, massive
M1_B	Mafic metavolcanics, banded



# PUKASKWA RIVER AREA



LEGEND	
D	Diorite "diabase" dykes and sills
G	Granite, predominantly white biotite granite
G1	Granitic gneiss
G2	Hornblende granite
I	Intermediate to mafic intrusive, interpreted from geophysics
PG	Paragneiss
F	Metasediments, arkose, greywacke, siltstone, in part felsic metavolcanics and pyrrhotite/ironformation
F2	Gneissic metasediments
M2	Intermediate to mafic metavolcanics, banded
MI	Mafic to intermediate metavolcanics, massive
M	Mafic metavolcanics, banded

SYMBOLS	
	Banding, bedding, (inclined, horizontal)
	Gneissosity, (inclined, horizontal)
	Joints, (inclined, horizontal)
	Shear
	Geological boundary
	Geological contact observed (inclined, unknown inclination)
	Synformal axes
	Diamond drill hole, with assmuth
	Diamond drill hole, assmuth undetermined
	Small outcrop
	Large outcrop
	Poorly exposed outcrop
	Cliff/Ledge
	Gold
	Claim post
	Swamp
	Lake
	Creek

N.B. Surface sample numbers and gold assay results are indicated at sample locations.  
example x 03942 ni

B.L. 0+00

10+00 S

20+00 S

30+00 S

40+00 S

50+00 S

TL. 53 S

60+00 S

70+00 S

L.116 W

L.112 W

L.108 W

L.104 W

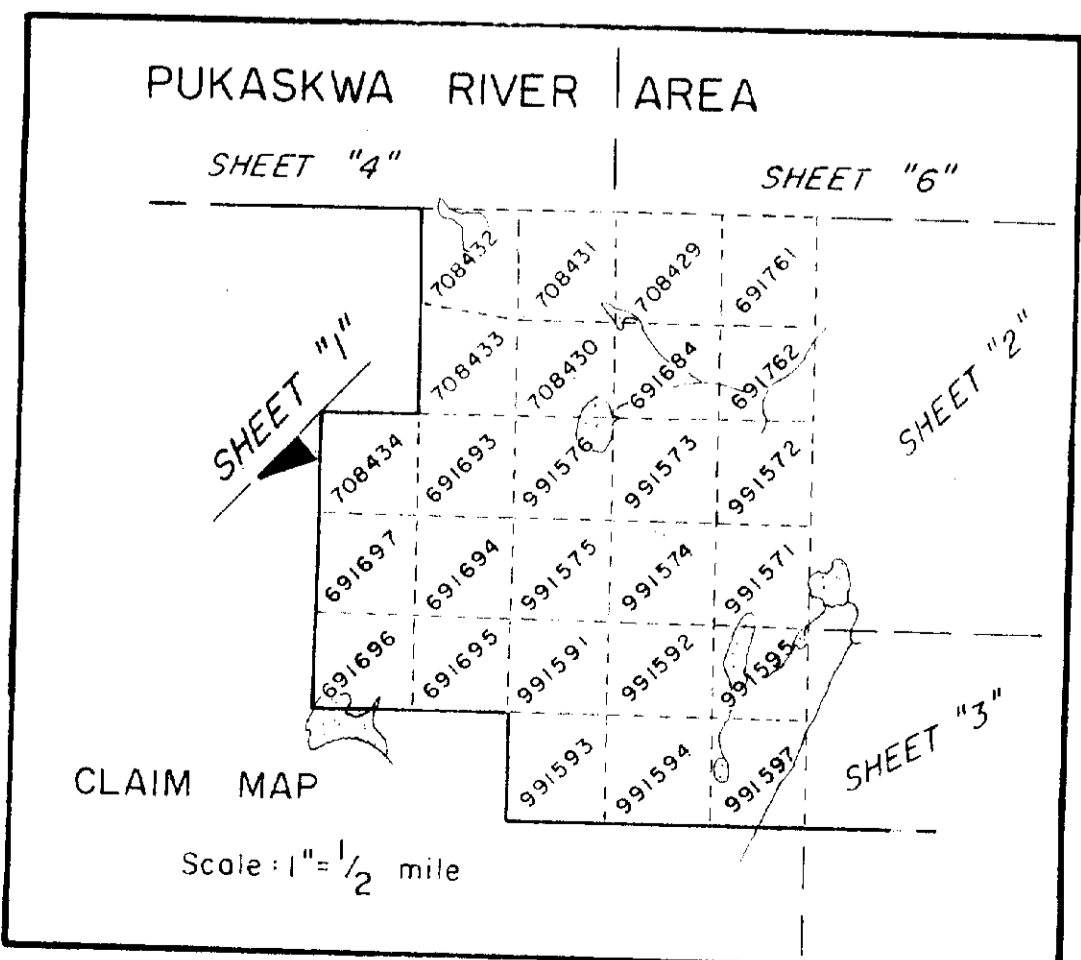
L.100 W

L.96 W

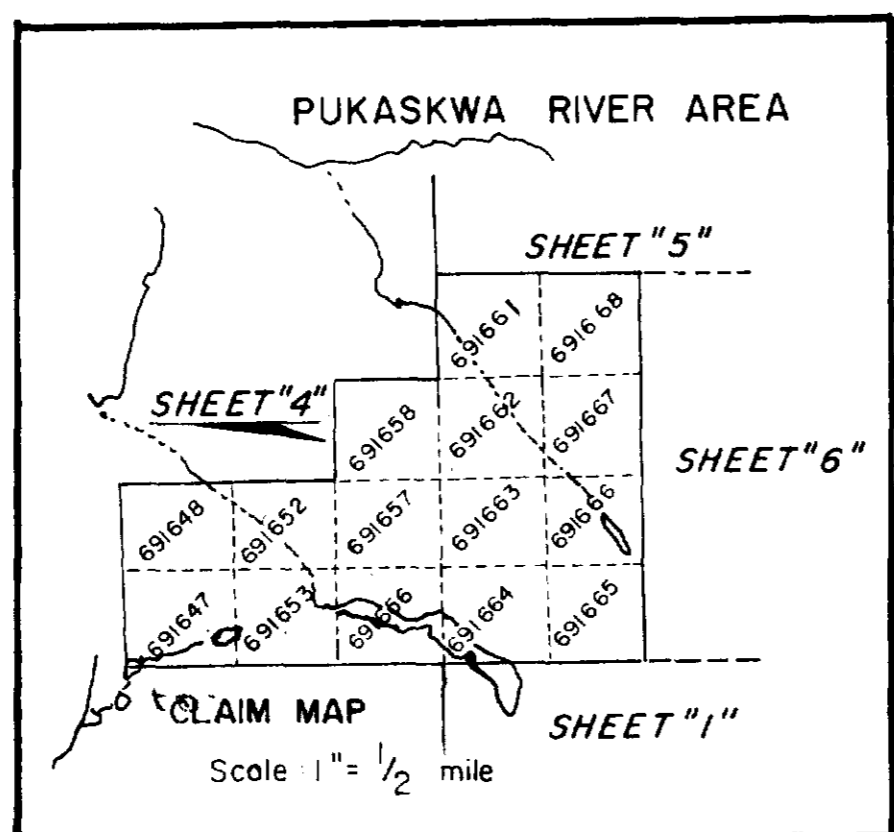
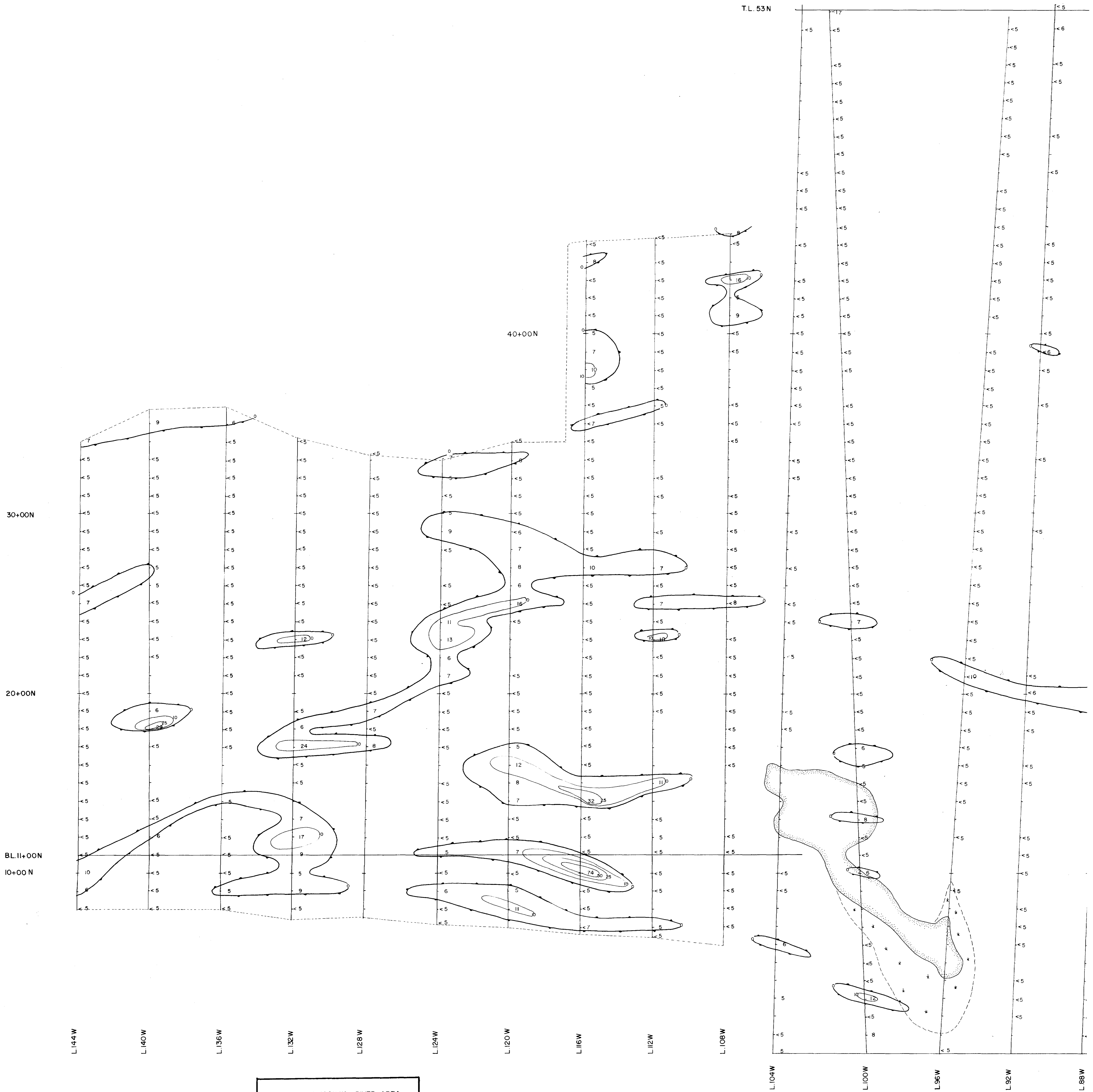
L.92 W

L.88 W

L.64 W



# PUKASKWA RIVER AREA



CONTOUR VALUES	
	0 to 5 ppb.
	10 ppb.
	25 ppb.
	50 ppb.
	100 ppb.
	500 ppb.

**NOTE:** VALUES ARE INDICATED IN ppb. IN GOLD



# PUKASKWA RIVER AREA

TL 53 N

50+00N

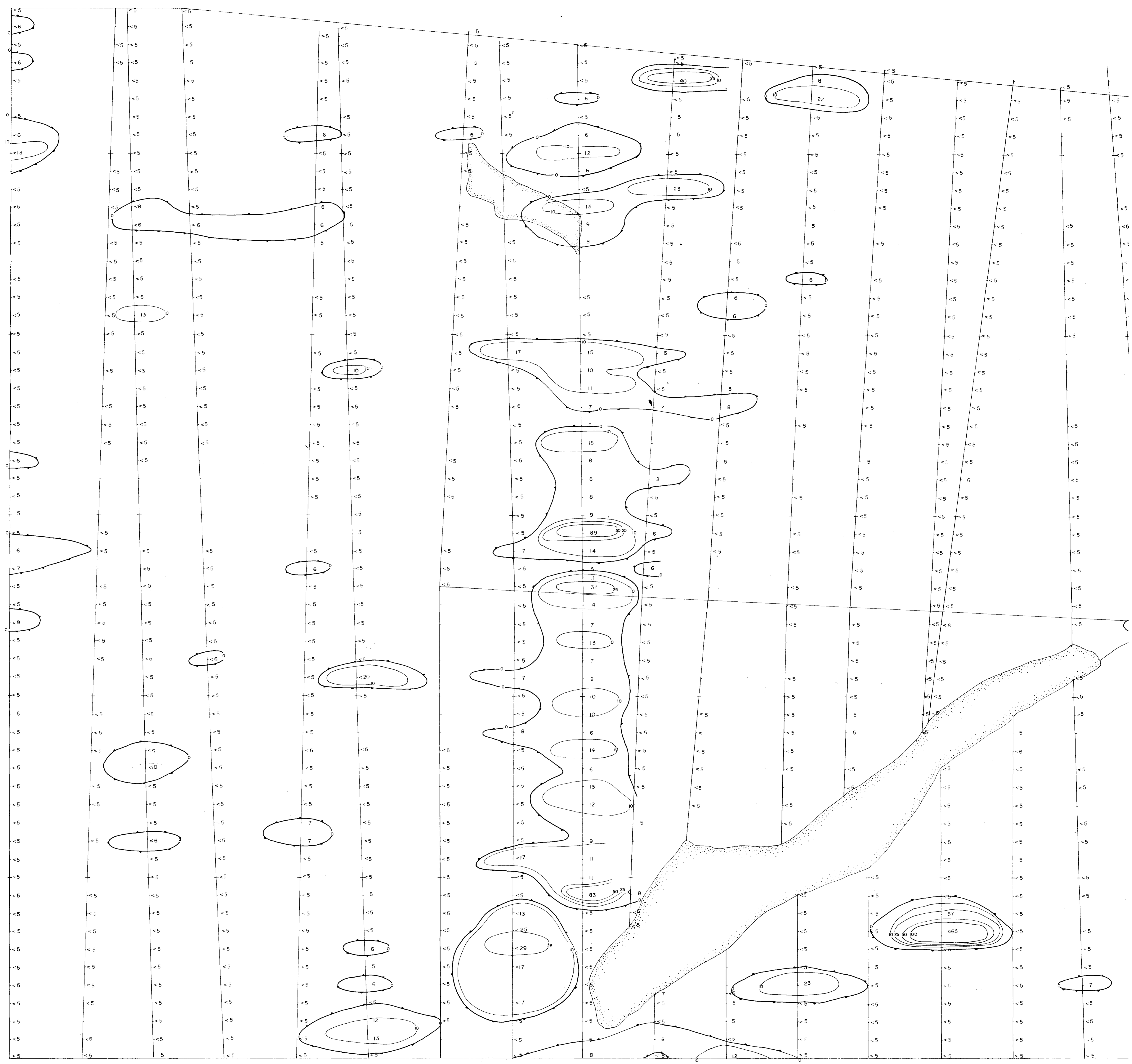
40+00N

30+00N

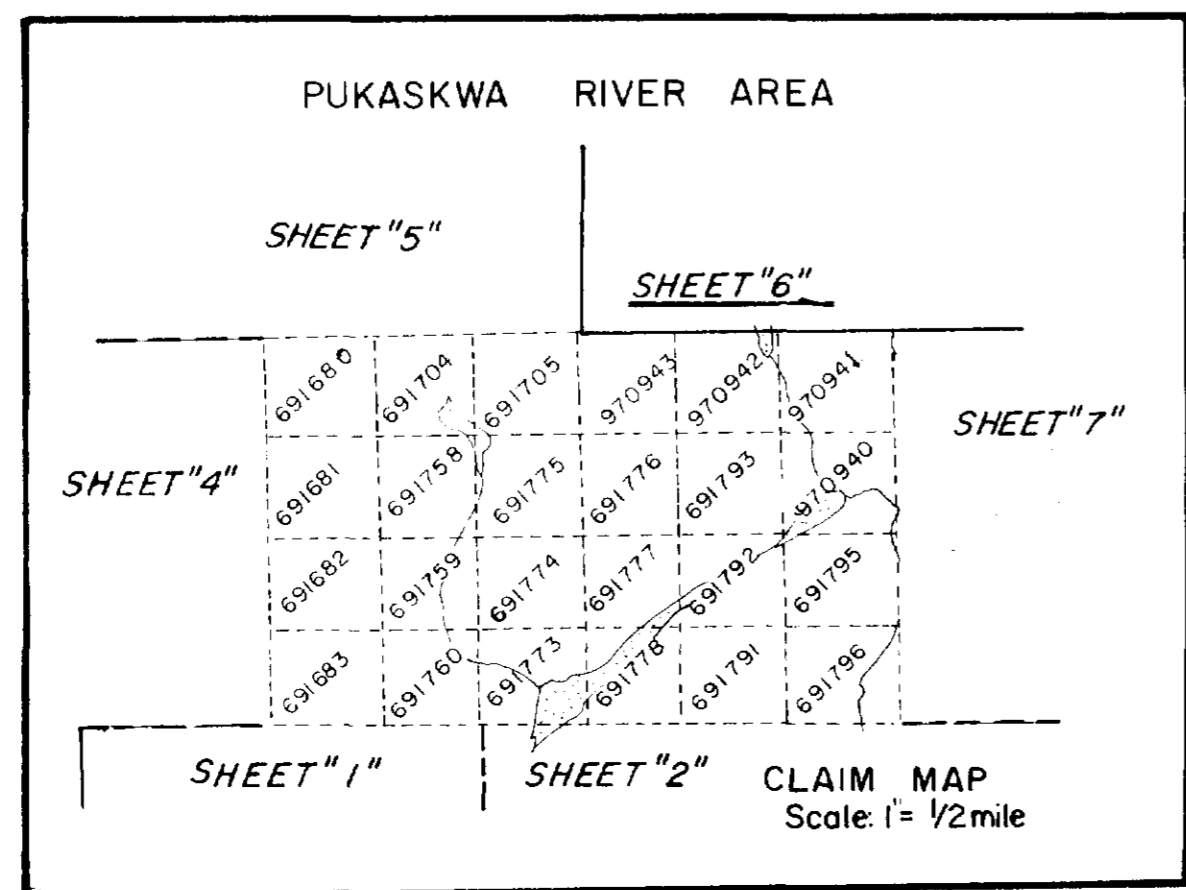
20+00N

10+00N

BLO+00



L.76W    L.72W    L.68W    L.64W    L.60W    L.56W    L.52W    L.48W    L.44W    L.40W    L.36W    L.32W    L.28W    L.24W    L.20W    L.16W



**CONTOUR VALUES**  
 ~ 0 is 5 p.p.b.  
 ~ 10 p.p.b.  
 ~ 25 p.p.b.  
 ~ 50 p.p.b.  
 ~ 100 p.p.b.  
 ~ 500 p.p.b.

**NOTE:** VALUES ARE INDICATED IN p.p.b. IN GOLD