

GM 12925

5 DIAMOND DRILL HOLE LOGS AND DRILL HOLE SURVEY

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Énergie et Ressources
naturelles

Québec 

SHEET No. 1

PROPERTY Cause Lines Limited

DRILL HOLE SURVEY

Anton - Dupresnoy

HOLE No. V.172

LATITUDE 30,838.7 N

DEPARTURE 5,909.6

ELEVATION 9,188.5

From	To	Incl. Dist.	Read Vertical	Vertical Course	Vertical Distance	Read Mag. Bear.	True Bearing	Horizontal Course	Horizontal Distance	North	East	Latitude	Departure	Notes
0			59° 00'			S 77° 00' W	S 64° 00' W					30,838.7	5,909.6	
0	100	100		58° 30'	85.3			S 63° 45' W	52.5	-23.1	-46.9			
												30,818.6	5,862.9	
100	200	100		57° 30'	84.3			61° 45'	53.7	-25.4	-47.3			
			57° 00'			74° 00'	61° 00' W					30,790.2	5,819.6	
200	300	100		56° 00'	83.4			58° 45'	55.9	-27.0	-47.8			
												30,761.2	5,767.8	
300	400	100		54° 00'	80.9			52° 15'	58.8	-38.0	-46.5			
			53° 00'			63° 00'	50° 00'					30,725.2	5,721.3	
400	500	100		52° 15'	79.1			49° 30'	61.4	-30.9	-46.7			
												30,685.3	5,674.6	
500	600	100		50° 45'	77.4			48° 30'	63.4	-42.0	-47.5			
			50° 00'			61° 00'	48° 00'					30,643.3	5,627.1	
600	700	100		49° 15'	76			47° 15'	65	-44.0	-48			Below 600°
												30,599	5,579	readings
700	800	100		47° 45'	74			46° 45'	67	-47.	-48			are estimated
			47° 00'			58°	45°					30,552	5,531	and calculated
800	900	100		46° 15'	72			44° 15'	69	-50	-49			positions
												30,502	5,483	is only
900	1,000	100		44° 45'	70	55°	42°	42° 45'	71	-52	-48			very approx
			44° 00'									30,450	5,435	-imate.

Ministère des Richesses Naturelles, Québec

SERVICE DES GITES MINÉRAUX

No GM-12925

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited LOCATION 30,038.73 N 5,909.76 E DRILL HOLE NO. V.172
 COMMENCED 1st. October 1962 ELEVATION 9,188.49 DIPS. Collar 60° SHEET NO. 1
 COMPLETED 16th. October 1962 BEARING Collar 244°
 DEPTH 1,002' See Survey Sheet

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
0	13.0	Casing.								
13.0	38.0	Diorite.								
	13.0 - 38.0	Grey relatively altered medium grained diorite.								
		Texture is almost that of equigranular uniform meta-								
		diabase. Weak epidote throughout.								
		Much jointing with quartz carbonate especially								
		towards base.								
		38.0 Contact lost.								
38.0	96.0	Rhyolite (Welded Tuff).								
	38.0 - 45.0	Pinkish siliceous ribbony rhyolite with chloritic								
		green patches. Some minor tongues of diorite.								
		Probably altered by diorite.								
	45.0 - 52.0	Dark green or grey flow banded rhyolite with purplish								
		tinge where more siliceous. Resembles closely parts								
		of Amulet rhyolite where latter is thought to be a								
		welded tuff. Locally weakly magnetic.								
	52.0 - 65.0	Generally as above but black and strongly magnetic.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Yauze Mines Limited

LOCATION

 DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

 SHEET NO. 2

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Some fine green chlorite in some fine flow bands.								
		May be welded tuff.								
	65.0 - 77.0	Green with very delicate but hardly visible banding.								
		Generally as above.								
	77.0 - 96.0	As 52 - 65. Very fine locally contorted banding.								
		Magnetic.								
	96.0	Gradational change.								
96.0		Rhyolite.								
	96.0 - 103.0	As above but pale green in colour and with some								
		slithers of purplish cherty material - melted								
		appearance.								
	99.0 - 103.0	Becomes more typically flow textured. Bands, blocks								
		and streaks of purplish white cherty angular								
		rhyolite in matrix of fine material as above.								
		Very weak chlorite. May all be alteration effect.								
	103.0 - 107.2	A distinct breccia of sorts. May be ash flow type								
		or product of alteration.								

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DIAMOND DRILLING LOG

PROPERTY Yansa Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 3

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Consists of a whirly mass of green chloritic and white bands but no definite fragments.								
		Overall shows banding.								
	107.2	Sharp change.								
	107.2 - 131.0	Ribbon rhyolite. Typical ribbon flow with blocks to 2 ft. and bands of cherty white, black or purplish amygdular or pumiceous rhyolite in more chloritic matrix of material similar to 99 - 103 or fine banded rhyolite as 45 - 52.								
		Some magnetite - weak chlorite and epidote.								
	131.0 - 140.0	Fine flow banded green to black or interbanded green and black flow as 52 - 65. May be ash flow type.								
	140.0 - 218.0	Ribbon rhyolite. White or purplish to green pumiceous or cherty amygdular blocks or bands in varied matrix. Note blocks etc. may have sharp or diffused edges and look melted. Locally strong chlorite (-yellow green) with epidote in matrix.								

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DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS

SHEET NO. 4

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE							
		Note consistant banding in matrix and fragments at 45°												
		to core normal - may be shearing. Amygdules etc.												
		are flattered parallel to this lamination.												
		A few open rusty seams.												
		216.0 - 219.0 Missing core.												
219.0-223.5		Diorite. or Metadiabase.												
		Light grey green altered intrusive with suggested												
		chilled edges. Equigranular and very uniform.												
		Sausseritized and some epidote. Contacts obscure.												
		Note fine shearing at 45° to core.												
223.5-271.2		Rhyolite.												
		223.5 - 249.0 Generally flow textured rhyolite with some fragments												
		or ribbon bands. Overall moderate chlorite.												
		249.0 - 296.0 Ribbony and blocky rhyolite. Green weakly chloritic												
		matrix with white or green amygdular fragments.												
		Some purplish fragments and much maroon staining by												
		hematite.												

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DIAMOND DRILLING LOG

 PROPERTY Vauze Mines Limited

LOCATION

 DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS,

 SHEET NO. 5

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	271.0	Small fault at 90° to core.								
271.0-284.3		<u>Diorite.</u>								
	271.2	Chilled contact in slip.								
		Fine increasing to medium coarse altered uniform								
		diorite. Uniform light grey green in colour. Some								
		quartz carbonate in fractures.								
	284.3	Contact on carbonate filled fracture.								
284.3-285.3		Fault. Bleached white rhyolite. Strong quartz carbonate.								
285.3-458.5		<u>Rhyolite.</u>								
	285.3 - 325.0	Hibbony and massive green or grey to brown moderately								
		siliceous rhyolite. Shows fine lamination - shearing								
		probably. Locally amygdaloidal.								
	301.0	Small fault zone.								
	322.0	1 " blob of massive fine <u>pyrite.</u>								
	325.0 - 328.0	Rhyolitic flow breccia. Fault Zone.								
		Much shearing at 90° to core. Some quartz and								
		carbonate.								

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauvo Mines Limited

LOCATION

DRILL HOLE NO. Y.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 6

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	328.0 - 353.0	Ribbony and blocky rhyolite. Little matrix.								
		Short sections or bands of massive cherty and some-								
		times amygdular white grey or pinkish brown rhyolite.								
		Overall weak <u>chlorite</u> - strong in some matrix material.								
		Amygdules etc. mostly 20° to core normal.								
	353.0	Arbitrary change.								
	353.0 - 374.0	Becomes massive white (bleached) porcellaneous								
		siliceous rhyolite. Some green grey chloritic sections.								
		Locally strongly amygdaloidal. Occasional bleb of								
		pyrite and several red(hematite) spots. Some weak								
		<u>sericite</u> and epidote.								
	374.0 - 393.0	Continuation of above but overall more grey-green								
		<u>chloritic</u> alteration.								
		Patches between massive rhyolite have granular								
		appearance but probably alteration effect.								
		Possibly some biotite. Odd speck pyrite.								
		Some hematite staining.								

CONTRACTOR

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DIAMOND DRILLING LOG

 PROPERTY Yauze Mines Limited

LOCATION

 DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS

 SHEET NO. 7

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	393.0 - 402.0	Massive pale yellow with weak sericite.								
	397.0	Steep shear at 05° to core.								
	402.0 - 423.0	Very varied flow banded locally ribbon grey green to creamy white rhyolite. Locally may be fragmental.								
		Odd section strong chlorite.								
	423.0 - 425.5	Creasy massive amygdaloidal rhyolite.								
	425.5 - 450.5	Varied locally fragmental creamy and dark grey green flow textured rhyolite.								
		Some massive amygdaloidal sections.								
		Specks pyrite in fractures.								
450.5-577.0		Rhyolite.								
	450.5	Sharp but arbitrary contact.								
	450.5 - 490.0	Creasy yellow strongly <u>sericitized</u> rhyolite.								
		Has a distinct breccia appearance but this may be alteration effect. Moderately siliceous flow-								
		Rhyolite with locally a more massive section and an occasional definite fragment.								

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DIAMOND DRILLING LOG

 PROPERTY Vauze Mines Limited

LOCATION

 DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

 SHEET NO. 8

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
							Cu	Zn	Au	Ag
485.0	- 515.0	Becomes peppered with blebs and specks of fine <u>pyrite</u> in strong <u>sericite</u> . Minor <u>chalcopyrite</u> .								
490.0	- 515.0	Becomes more typically massive and flow banded. Some sections strong <u>sericite</u> .	D3756	492.8	494.8	2.0				
515.0	- 551.5	Varied grey to siliceous white flow textured possibly ribbon rhyolite. Some sections with <u>sericite</u> . Odd speck <u>pyrite</u> . Very broken. Resembles white rhyolite in places.								
537.0		Fault.								
551.5	- 570.3	Becomes grey apparently massive and distinctly less flinty. Local patch of flinty rhyolite. Featureless except for 1 ft. of distinct flow banding at 515 - Very contorted.								
570.3	- 573.0	A fractured section. Rhyolite segments closely fitted but locally bleached to brilliant white. Specks <u>pyrite</u> and <u>chalcopyrite</u> in fractures.								
573.0	- 577.0	Massive green rhyolite with <u>pyrite</u> associated with fractures.								

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DIAMOND DRILLING LOG

PROPERTY Yauco Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 9

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
577.0-627.2		Rhyolite.								
577.0		Sharp change on fracture.								
577.0	599.5	A bluish green to white, fine, very varied rhyolite fragmental. May be an unsorted tuff. Some chlorite and possibly weak sericite. Locally feldspar phenocrysts.								
599.5		Flow contact 30° to core normal.								
599.5		Massive but locally flow textured rhyolite closely resembling fragmental above. Local blob of pyrite. Weakly altered.								
618		Strong pyrite in flinty white fractured section.								
618.0	627.2	A typical bluish grey flow breccia with some white amygdaloidal fragments and bands. Scattered specks of pyrite.								
627.2-		Contact Tuff.								
627.2	627.5	Some strongly chloritic scoria overlying a fine cherty tuff with blebs and specks of pyrite throughout.								

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DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 10

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Tuff is at 30° to core normal. A fine band of chert.								
		Some pyrite along bedding								
627.5-713.0		Andesite.								
	627.5 - 682.0	Pillowed andesite. Light grey green well pillowed siliceous andesite. Pillows well formed and have distinct rims with black filled amygdules around margins. Generally up to 2 ins. of scoria - chloritic between pillows - usually with blebs of pyrite. Some pyrite also in amygdules and fractures.								
	671	Chalcopyrite in amygdule.								
	682.0 - 688.5	Fresh green blue scoria and tuff. Some suggested bedding but may be ash flow type or all scoria. Resembles interpillow scoria. Specks of pyrite.								
	688.5 - 708.0	Massive and very amygdaloidal grey green andesite - amygdules and fractures with quartz, epidote and pyrite - odd speck chalcopyrite.								
	708.0 - 713.0	Pillowed andesite as 627 - 682.								

CONTRACTOR

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DIAMOND DRILLING LOG

 PROPERTY Vauze Mines Limited

LOCATION

 DRILL HOLE NO. V.172

COMMENCED

ELEVATION

DIPS.

 SHEET NO. 11

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	713.0	Sharp Contact.								
713.0-791.7		Diorite.								
	713.0	Chilled contact at 15° to core normal.								
	713.0 -	Increases rapidly to medium grained.								
		Relatively altered grey uniform and even grained diorite. Generally epidotised throughout.								
		Odd speck pyrite and <u>chalcopyrite</u> . Some jointing with carbonate.								
	791.7	Rapid decrease in grain size to sharp chill at 20° to core normal.								
791.7		Andesite.								
	791.7 - 799.0	Massive grey brown andesite with short vague sections of almost metadiabasic appearance - may be due to diorite above. Locally strong disseminated <u>pyrite</u> in these sections. May all be intrusive.								
	799.0 - 819.0	Light grey to green, massive, fine grained, probably pillowed andesite. Strong pyrite in fractures and								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauna Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 12

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		possible rims.								
	809.0	Strong blebs pyrite. Rare chalcopryrite.								
	819.0 -	Pyrite in amygdules.								
	819.0 - 824.0	Fine blue green scoria or ash flow material. Shows weak bedding and compaction.								
	824.0 - 830.0	Dark grey green flow with numerous but scattered pillow type laminae - usually epidotised. Strongly amygdaloidal. Grades to -								
	830.0 - 860.5	Dark grey green amygdaloidal flow. Much scattered epidote especially in amygdules and fractures. Some <u>pyrite</u> and rarely <u>chalcopryrite</u> in amygdules and fractures. Grades to -								
	860.0 - 873.0	Dark grey green to brown green andesite or metadiabasic flow or intrusive. Locally resembles leucrophyric dykes. Erratically spotted by epidote (maybe amygdules). Similarly scattered pyrite both show small bleached haloes.								

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 13

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Speckled usually with fine black mineral.								
	873.0	Becomes finer grained with less black speckling and epidote spots.								
	875.2 -	Becomes almost glassy.								
	875.5	Indistinct but almost definite sharp chilled contact at 30° to core normal.								
875.5-927.0		Mixed Unit.								
	875.5 - 876.0	Fine grained porcellaneous finely amygdaloidal green hard dacite. May be rhyolite. Grades to -								
	876.0 - 877.6	Altered scoria with fine filigree network of alteration. Includes some indistinctly defined blocks of 875.5 - 876.0. Some blebs of pyrite.								
	877.6 - 879.0	Becomes a fine ash flow or scoria. Much blue silica. Note fine spherical shape of shards etc.								
	879.0 - 903.0	Mixture of short lengths - 1 ft. of apparently flow material and scoria or ash. Flow or fibrous bands light green in colour - hard and probably <u>dacite</u> .								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited LOCATION
 COMMENCED ELEVATION DIPS DRILL HOLE NO. V.172
 COMPLETED BEARING SHEET NO. 14
 DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Some epidote. Scoria usually fine and with filigree alteration. Much blue silica. Some weak bands of banded but almost spherulitic material - probably not a fragmental. Specks of rare pyrite.								
		897.8 - 898.5 Bleached hard siliceous block. Large amygdalae - some with <u>chalcopyrite</u> .								
		903.0 - 919.0 As above but with less scoria. Probably more andesitic.								
		919.0 - 927.0 As above but some almost rhyolitic, white, porcellaneous bands.								
		903.0 - 919.0 Much scattered pyrite in blobs to 1" and in fractures.								
		927.0 Arbitrary change of name.								
927 - 1002		Rhyolite.								
		927.0 - 932.0 Generally as above but massive sections become distinctly a siliceous flinty rhyolite.								
		Some chloritic seams with pyrite.								
		932.0 Core may be muddled.								

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 15

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE				
							Cu	Fe	Au	Ag.	
		Note there may be some minor dykes at 927 and 930-32.									
932.0	- 971.0	White to grey flow textured and massive siliceous flinty white type rhyolite. Generally has small white feldspar phenocrysts and is peppered with fine pyrite. Occasional small oozes of weak black chlorite with stronger pyrite. Some very minor sericitic alteration in fine cracks.									
971.0	- 977.0	Continuous with above but generally much more flinty siliceous and white with blebs pyrite and possibly sphalerite and chalcopyrite.									
977.0	- 999.0	As 932 - 971. Specks and cubes of <u>pyrite</u> as 932 - 971. Scattered specks and clusters of <u>sphalerite</u> scattered randomly throughout. Usually with pyrite. Possibly a rare speck of chalcopyrite. Very weakly altered - negligible chlorite and possibly sericite - locally quite soft.	D5755	990.0	995.0	5.0					
999.0	- 1002.0	White grey siliceous glossy rhyolite.									

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DIAMOND DRILLING LOG

PROPERTY Yause Mines Limited

LOCATION

DRILL HOLE NO. V.172

COMMENCED

ELEVATION DIPS.

SHEET NO. 16

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		1002.0 END OF HOLE. Coaming left.								
		Hole was stopped due to the opening of numerous caving sections. Before reentering this hole it would be necessary to cement long sections - or the complete hole.								

CONTRACTOR

LOGGED BY:

SHEET NO. 1

DRILL HOLE SURVEY

PROPERTY Vouze Mines Limited

HOLE NO. V.173

LATITUDE 31,292.0

DEPARTURE 5,470.60

ELEVATION 9,173.7

From	To	Incl. Dist.	Read Vertical	Vertical Course	Vertical Distance	Read Mag. Bear.	True Bearing	Horizontal Course	Horizontal Distance	North	East	Latitude	Departure	Notes
0			62°				S 54 00 W					31,292.0	5,470.6	
0	100	100		62° 00'	88.29			S 62 00 W	46.95	- 22.04	- 41.45			
100												31,270.8	5,429.2	
100	200	100		62° 00'	88.29			S 59 15 W	46.95	- 24.00	- 40.34			
200			62°				S 70° 30' W	S 57 30' W				31,246.0	5,380.0	
200	300	100		61° 30'	87.80			S 55 45 W	47.72	- 26.65	- 39.44			
300												31,219.9	5,349.4	
300	400	100		60° 30'	87.04			S 53 00 W	48.24	- 28.63	- 39.32			
400			60°				S 64° W	S 51 00 W				31,190.3	5,310.0	
400	500	100		59° 30'	86.16			S 51 00 W	50.75	- 31.93	- 39.44			
500												31,158.4	5,270.6	
500	600	100		58° 30'	85.26			S 51 00 W	52.35	- 32.83	- 40.60			
600			58°				S 64° W	S 51 00 W				31,125.5	5,230.0	
600	700	100		58°	84.80			S 51 30 W	52.99	- 32.99	- 41.46			
700												31,092.5	5,185.5	
700	800	100		58°	84.80			S 52 30 W	52.93	- 32.26	- 42.03			
800			53°				S 66° W	S 53 00 W				31,060.2	5,146.5	
800	900	100		57° 45'	84.57			S 52 45 W	53.36	- 32.29	- 42.47			
900												31,027.9	5,104.0	
900	1000	100		57° 45'	84.57			S 52 30 W	53.36	- 32.48	- 42.35			
1000			57° 30'				S 65° 30' W	S 52 30' W				30,999.5	5,061.7	
					861.66				506.56					

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited
 COMMENCED 17th. October 1962
 COMPLETED 5th. November 1962.

LOCATION 31,292.8 N 5,470.6 E
 ELEVATION 9,173.7 DIPS. At Collar 63°
 BEARING 244°
 DEPTH 991

DRILL HOLE NO. V.173
 SHEET NO. 1.

See Sidney Sheet.

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
0.0	6.0	Casing.								
6.0	138.6	Rhyolite.								
6.0	99.0	Typical ribbony rhyolite with widely spread bands and blocks of white to mauve or green grey siliceous cherty and strongly amygdular rhyolite. Matrix is dark green and seemingly chloritic but hard and siliceous.								
		Locally some fine banding and also a fine fragmental appearance. Some patches and seams of moderate chlorite. Some blebs of epidote especially in amygdules.								
75.0	99.0	Chlorite generally stronger.								
99.0	138.6	Generally as above but overall very much less chlorite. Generally a pale buff green or grey. Widespread epidote. Widely scattered specks of pyrite. Some muddy or rusty seams as approach diorite.								
137.0		Note chalcopyrite in ring of strong chlorite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 2

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	138.6	Contact Lost.								
138.6-162.3		Diorite or Metadiabase.								
	138.6 - 147.5	Fine to medium grained equigranular metadiabasic dyke. Margins chilled but disturbed. Grey to buff green in colour. Weak epidote throughout and some fine specks of pyrite. Quartz carbonate in joints.								
	147.5 - 148.8	Chilled margin of second intrusion with inclusions of above dyke. A greener more chloritic rock.								
	148.8 - 150.0	Fault Zone with massive white quartz and carbonate.								
	150.0 - 162.3	As 138.6 - 147.5. Decreasing grain size to lower contact.								
	162.3	Contact on small slip at 60° to core.								
162.3		Rhyolite.								
	162.3 - 177.0	Grey to light yellow green ribbon rhyolite with some pale chlorite in matrix material.								
	177.0 - 196.0	Becomes a more contrasted rock with white bands etc.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 3

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		in a dark green chloritic but hard matrix. Some								
		sections without bands or blocks etc. - exhibit fine								
		flow? banding.								
		Scattered epidote.								
196.0	221.0	As above but fragments are commonly quite maroon in								
		colour - due to hematite. Generally more fractured								
		and a little bleached. Some quartz veining increasing								
		to fault zone.								
221.0	230.0	Grades from above. A more massive light grey green								
		sheared flow. Shearing increases - 60° to core.								
229.5	232.5	Missing Core.								
232.5	250.0	Very broken.								
232.5		See 353 - 458 in V.172.								
232.5	243.0	Broken blocky breccia or alteration breccia.								
		While leached porcellaneous blocks in fine altered								
		matrix. Chlorite in matrix blue grey. Some sericite.								
		Scattered pyrite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 4

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	243.0 - 251.0	A more distinct but altered breccia.								
		Some angular cherty sericitised fragments in a chloritic probably tuffaceous matrix locally strongly chloritised.								
	251.0 - 277.0	A varied flow. Some white porcellaneous sections with elongated pools of quartz separated by lengths of blue green to grey buff less massive but altered material. Alteration is chlorite and sericite. Overall sericite increasing. Blebs of pyrite.								
	262.2	Note pool of waxy sericite - quite translucent with specks of chalcopyrite.								
	277.0 - 292.8	Becomes a more massive flow. Strongly altered - May have been a fine fragmental but this appearance probably from alteration. Overall weak sericite - very low chlorite.								
	292.8	Sudden change. May be as at 458.5 in V.172.								
292.8		Rhyolite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 5

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	292.8 - 300.5	Massive porcellaneous yellow hard rhyolite.								
		Sericitised but only weakly. Spots hematite.								
	300.5 - 337.0	Grades to a more altered flow or fine fragmental.								
		Generally a buff grey to yellow or grey colour								
		depending on relative amounts of chlorite or sericite.								
		Some pools or amygdules of quartz but note that								
		some of these are soft clear <u>sericitic</u> material.								
		these are generally elongated and vary from 60° to								
		core to parallel to core.								
	337.0	Very arbitrary contact or change.								
	337.0	Some banding at 45° to core normal.								
		Picked out by blue quartz spherules.								
	337.0 - 343.5	Grey to blue green or buff yellow rhyolite.								
		May be flow textured. Some blue siliceous patches.								
		May be spherulitic in places.								
	343.5	Banding as at 337.								
	343.5 - 363.0	Blue grey dark siliceous spherulitic rhyolite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauvo Mines Limited
 COMMENCED
 COMPLETED

LOCATION
 ELEVATION DIPS.
 BEARING
 DEPTH

DRILL HOLE NO. V.173
 SHEET NO. 6

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Chloritic though hard. Some nests of sericite.								
		Some blue silicification. May have been a flow or fragmental.								
		Spherules are blue or white. Locally weakly banded.								
	363.0	Arbitrary change.								
	363.0	A hard once glossy flow textured rhyolite - becoming increasingly glossy. Dark grey to black. Weak chlorite and negligible sericite. Some flow banding and occasional fragments.								
		Some quartz or waxy sericite filled amygdules.								
		Occasional seam of massive black chlorite with fine sulphides. Locally spherulitic.								
		Some haloes of quartz around chloritic or sericitic centres.								
		Scattered pyrite.								
	374.0 - 430.0	As above but more siliceous and flow textured.								
		Less alteration - dark grey.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vanze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 7

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Some small scattered white cherty fragments - or								
		silicified patches - subangular but with sharp edges.								
		Many blebs and nests of pyrite. Locally spherulitic								
		- or alteration.								
	420.0	Becomes less altered. White cherty fragments very dis-								
		tinct - up to 2 inches.								
	430.0	Arbitrary change.								
	430.0 - 457.0	Zone of intense silicification of above rhyolite or								
		chloritization of a glossy flow. Varies from siliceous								
		grey flow material as above to quite glossy white to								
		pink patches. Very like extremely siliceous Waite								
		rhyolite. Some definite patches of quartz suggest								
		silicification.								
		Much pyrite in fine fractures - in siliceous patches								
		especially.								
		Boundaries are very gradational. Some strongly								
		chloritic lengths.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION

DIPS.

SHEET NO. 8

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	457.0 - 491.5	Siliceous grey green flow - probably the same as above unit - without silicification.								
		Much fine specks of pyrite and about 1/10 as much chalcopyrite. Sausserite spotting.								
	470.0	Locally a few well defined fragments.								
		Some odd blotches of strong black chlorite or waxy sericite.								
	491.5	Very indistinct contact.								
	491.5-563.6	Diorite.								
	491.5	Fine increasing to medium grained equigranular uniform altered diorite.								
		In many respects resembles a coarse metadiabase.								
		Weak epidote throughout.								
	511.0	Small quartz filled fault.								
	558.0	Becomes finer grained to chilled contact.								
	563.6	Contact - lost.								
	563.6-664.0	Rhyolite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 9

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	563.6 - 627.0	Massive or weakly flow textured siliceous uniform grey rhyolite. Locally whiter in colour and more siliceous than rest. Some small specks of chlorite over short lengths. Scattered specks and cubes of pyrite and probably rare pyrrhotite and chalcopyrite. Specks leucoxene.											
	622.0	Becomes weakly amygdaloidal. Minor sulphides in amygdules.											
	627.0 -	Arbitrary change.											
	627.0 - 642.2	Pale grey siliceous weakly flow banded rhyolite with negligible but noticeable increase in chlorite. Some blebs to 1/8" of pale brown sphalerite with minor chalcopyrite. Probably some very minor pyrrhotite. Core is locally weakly magnetic. Sulphides - mostly pyrite also in fractures etc.											

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 10

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	642.2 - 659.4	Becomes more flow brecciated and locally probably an altered dynamic breccia.											
		Some purplish flinty vague fragments.											
		Flow material weak altered - green or black chlorite.											
		May all be scoria or could be a fine unbedded tuff.											
		Much scattered sulphides. Mostly pyrite but lesser amounts of sphalerite, chalcopyrite, pyrite and pyrrhotite. Occurs as specks, blebs and streaks - probably in fractures.											
		Sulphides generally are increasing.											
	659.4	Sudden change.											
	659.4 - 664.0	Sheared and altered lava. Very broken but cemented and permeated with silica and strongly chloritised.											
		Abundant pyrite. May in part be scoria or tuff.											
		Minor pyrrhotite and rare chalcopyrite and sphalerite.											
664.0-680.9		Rhyolite.											
	664.0 - 680.9	Very altered - black chloritic rhyolite or possibly											

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 11

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
		andesite.											
		Apparently grades to a more siliceous type towards											
		dyke.											
		Generally black but locally has brown colour caused											
		by fine <u>sphalerite</u> and/or <u>pyrrhotite</u> . Distinctly											
		more <u>magnetic</u> . Scattered blebs, streaks and con-											
		centrations of <u>sphalerite</u> with <u>chalcopryite</u> ,											
		<u>pyrrhotite</u> and <u>pyrite</u> .											
680.9-690.2	Diorite.	A pale buff green altered diorite. Has well chilled											
		edges at 10 - 20° to core normal.											
		Though slightly altered dyke is distinctly later than											
		alteration and mineralization in lavas.											
		Has scattered feldspar phenocrysts.											
690.2-735.9	Altered Rhyolite or Andesite.												
	690.2 - 701.0	Grey massive altered andesite or rhyolite.											
		Some short sections with introduced network of silica											
		in areas of strong chlorite.											

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 12

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		May be sections of scoria - or dynamic breccia.								
		Scattered fine specks of <u>sphalerite</u> and some <u>pyrrhotite</u> and <u>chalcopyrite</u> . Overall <u>chlorite</u> moderate. Note <u>chlorite</u> is black.								
		Note also pools of quartz - may be amygdules or replacements - often with sulphides.								
	701.0 - 721.0	As above but with strong black <u>chlorite</u> and probably some <u>sericite</u> . Stronger <u>sulphides</u> - especially at								
	703 - 712.5 - 713.5.	<u>Sulphides</u> usually in fractures - blebs or bands (shears) - with stronger <u>chlorite</u> .								
		Mostly <u>sphalerite</u> but some <u>chalcopyrite</u> and <u>pyrrhotite</u> . Note <u>sphalerite</u> is light brown.								
	721.0 - 723.0	Massive black <u>chlorite</u> . Negligible <u>sulphides</u> .								
	723.0 - 735.9	Moderate to strong <u>chlorite</u> in flow with much scoria - or strongly brecciated as 699 - 701.								
		Few <u>sulphides</u> .								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 13

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Note 690.2 - 735.9. May well be andesite.								
735.9 - END		Rhyolite. Change from above is not distinct but from 735.9 rock is distinctly more siliceous and massive. It is uniform and much less altered.								
	735.9 - 737.0	Broken core - contact indistinct.								
	737.0 - 750.0	Massive grey green rhyolite with a medium grained texture - caused by speckling by chlorite. Overall chlorite weak to moderate.								
	737.2 - 738.6	Strong pyrrhotite and chalcopyrite in seams blebs and fractures.								
	738.6 - 750.0	Strong but scattered concentrations of sulphides as above - mostly in blebs and seams. Also finely disseminated throughout.								
	750.0 - 775.0	Rhyolite becomes less altered. Grey or whitish sugary siliceous rhyolite with weak flow structures - may be a tuff?? Possibly weakly spherulitic.								

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 14

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Chlorite low. Mineralization is predominantly								
		<u>pyrrhotite</u> but some specks <u>chalcopryite</u> and <u>sphalerite</u> .								
		Pyrrhotite is in blebs scattered throughout.								
		Locally <u>chalcopryite</u> is stronger.								
		Locally some <u>sphalerite</u> .								
	775.0 - 815.0	As above but less chlorite and less mineralization.								
		Locally mineralization is a little stronger but over-								
		all is very low.								
	815.0 - 839.0	Generally as above but more distinctly flow textured.								
		Some distinct almost cherty purplish fragments.								
		Alteration patchy. Weak chlorite and probably weak								
		<u>sericite</u> .								
		Locally mineralization by <u>sphalerite</u> and some								
		<u>pyrrhotite</u> and <u>chalcopryite</u> is strong but overall is								
		weak though present - usually in areas of stronger								
		<u>chlorite</u> .								
	839.0 - 840.0	Small faults on minor dioritic dyke at 20° to core normal.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 15

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	840.0 - 890.0	Generally well flow textured and banded grey rhyolite with scattered blebs of pyrite and locally some disseminated pyrrhotite? and sphalerite - very weak. Rare speck of chalcopyrite.											
	890.0 - 903.0	As above but more flinty and siliceous. Scattered fine specks of chalcopyrite. Some large cubes of pyrite.											
	903.0 - 928.5	Massive almost sugary siliceous grey rhyolite with numerous pools of quartz. Some of these grade into rock. Also many quartz "halves". Interior of these is rhyolite as on outside - though sometimes more chloritic and may be mineralized.											
	928.5 - 980.0	Massive and flow banded and textured grey blue or green siliceous rhyolite. Weakly altered. Scattered specks of pyrite and rare chalcopyrite.											

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.173

COMMENCED

ELEVATION DIPS.

SHEET NO. 16

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Some distinct purplish cherty fragments.								
		Locally looks tuffaceous - as at 945.								
		Some spots with chlorite and chalcopyrite.								
	980.0	Becomes increasingly siliceous. Scattered pyrite								
		and chloritic seams. Rare chalcopyrite - with quartz.								
		Generally flow textured.								
	991.0	END OF HOLE.								
		Casing left.								

CONTRACTOR

LOGGED BY:

SHEET No. 1

IRILL HOLE SURVEY

PROPERTY Yonse Lines LimitedHOLE No. V174LATITUDE 31,797.2DEPARTURE 5,136.5ELEVATION 9,096.10

From	To	Incl. Dist.	Read Vertical	Vertical Course	Vertical Distance	Read Mag. Bear.	True Bearing	Horizontal Course	Horizontal Distance	North	East	Latitude	Departure	Notes
0			64°			575° 00' 0"	562° 00' 0"					31,797.2	5,136.5	Head at 35'
0	100	100		64°	69.88			8 61° 19' 0"	49.84	-21.09	-36.43			
100												31,776.1	5,098.1	
100	200	100		64°	89.83			99 45	43.84	-22.09	-57.26			
200			64°			572° 00' 0"	59° 00'					31,754.0	5,050.2	
200	300	100		63° 45'	89.69			60° 00'	44.23	-22.12	-38.30			
300												31,731.9	5,021.9	
300	400	100		63° 15'	89.30			62° 00'	45.00	-21.12	-39.73			
400			63°			576° 00' 0"	63° 00'					31,710.6	5,982.2	
400	500	100		63°	89.10			62° 15'	42.40	-20.78	-39.82			
500												31,690.0	4,942.4	
500	600	100		63°	89.10			60° 45'	45.40	-21.82	-37.25			
600			63°			573° 00' 0"	60° 00'					31,668.2	4,903.1	
600	700	100		62 30	88.70			60° 00'	46.17	-23.09	-39.90			
700												31,645.1	4,863.1	
700	800	100		61 30	87.83			60° 15'	47.72	-23.67	-41.43			
800			61°			573° 30'	60° 30'					31,621.4	4,821.7	
800	900			60 45	87.23			59° 45'	48.86	-24.62	-42.21			
900												31,596.8	4,779.5	
900	1000			60 15	86.81			58° 15'	49.62	-26.11	-42.19			
1000			60°			570° 30' 0"	57° 30'					31,570.7	4,737.3	

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited
 COMMENCED 6th November 1962
 COMPLETED 25th November 1962

LOCATION Lot 1, B.VII, 31,797.2 N, 5,136.5 E
 ELEVATION 9,096.10 DIPS. at Collar 64° (See Survey)
 BEARING S 64° W
 DEPTH 1009'

DRILL HOLE NO. V.174
 SHEET NO. 1

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
0	76.5	Casing.								
76.5	83.0	Rhyolite. Blue grey to yellow green altered siliceous flow textured rhyolite. Strong epidote.								
	83.0	Contact lost.								
83.0	140.6	Diorite.								
	83.0 - 104.0	50% recovery only.								
		Fine to medium grained dark grey altered diorite.								
		Much quartz carbonate in joints and slips. Some iron oxide staining.								
	104.0 - 140.6	Medium grained very altered diorite.								
		Weakly chloritised and generally epidotised.								
		Some iron oxide staining throughout. Well fractured.								
	140.6	Contact lost.								
140.6	154.3	Rhyolite. Grey siliceous fine grained locally cherty rhyolite with some flow features. Towards base some good fragments. Specks pyrite. Negligible alteration.								
154.3	171.5	Rhyolite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vauze Mines Limited

LOCATION

 DRILL HOLE NO. V.176

COMMENCED

ELEVATION DIPS.

 SHEET NO. 2

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Grey granular dacitic flow. Weakly ribboned and flow textured. Some flow banded sections. No noteworthy alteration.								
	171.5	Sudden change contact lost.								
171.5-199.0		Diorite.								
	171.5	Chilled grey diorite.								
	171.5 - 175.0	Fine increasing to medium grained grey green altered diorite. Spots of epidote (-decreasing).								
	175.0 - 197.0	Medium grained altered diorite. Much epidote and muscovite alteration. Some shearing. Quartz carbonate in joints.								
	197.0 - 199.0	Chilled towards contact.								
	199.0	Contact - very sheared at 40° to core.								
199.0-215.2		Rhyolite.								
		Such varied rhyolite. Generally bluish grey and weakly chloritic - green chlorite. Some bleached white to pink sections of flinty siliceous rhyolite.								
		Usually sheared. Scattered specks of pyrite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Yause Mines Limited
 COMMENCED
 COMPLETED

LOCATION
 ELEVATION DIPS.
 BEARING
 DEPTH

DRILL HOLE NO. V.174
 SHEET NO. 3

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
215.2-283.0		Diorite.											
	219.2 - 221.0	Chilled contact but complex due to faulting - pre - and post-diorite. Much quartz carbonate. Dark grey green diorite. Weak chlorite.											
	221.0 - 278.0	Becomes medium grained and locally coarse. Altered but less than diorites above. Overall strong epidote. Some veins etc. of chlorite, epidote and quartz with hematite. Only weakly fractured.											
	278.0 - 283.0	Decrease in grain size to chill. Contact lost.											
283.0-304.4		Rhyolite.											
	283.0 - 287.5	Distinct gray fine grained almost cherty rhyolite. Obvious and numerous white feldspar phenocrysts.											
	287.5 - 288.5	Small basic dyke at 30° to core normal.											
	288.5 - 301.0	As above but with more distinct feldspar and distinctly more siliceous. Becoming well flow textured and in											

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vance Mines Limited

LOCATION

DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS.

SHEET NO. 4

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		some pieces has angular fragments.								
		Weak but present chlorite throughout.								
	301.0 - 327.0	As above but a more flow textured section. Fewer feldspars.								
	327.0 - 384.4	Becomes lighter blue grey and almost white locally - No chlorite. A well developed flow breccia and flow banded unit. Bands and fragments white and unaltered. Minor chlorite in other parts. Locally may be weakly spherulitic - or tuffaceous. Scattered feldspars. Some blotches of pale brown epidote or leucosene. Specks and blebs of <u>chalcopyrite</u> . Becomes more spherulitic and a good breccia locally. Some scattered pyrite and chalcopyrite.								
384.4-394.0		Diorite or Metadiabase. Fine to medium grained buff bluish uniform equigranular dyke.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vanco Mines Limited

LOCATION

DRILL HOLE NO. V.174

COMMENCED

ELEVATION

DIPS.

SHEET NO. 5

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Weakly chilled margins on slips.								
394.0-532.6		Rhyolite.								
	394.0 - 401.0	Grey flow textured rhyolite - generally a fine tuffaceous looking breccia.								
		locally some bluish white spherules.								
		Scattered specks of <u>pyrite</u> and blebs of <u>pyrrhotite</u> and <u>chalcopyrite</u> .								
	401.0 - 420.0	As above but less sulphides. Some sections almost massive dacitic rhyolite.								
		Some distinct fragments. Generally spherulitic.								
	417.0	Note patch of pyrite and pyrrhotite.								
	420.0 - 426.5	Massive grey rhyolite.								
	426.5 - 528.0	Perfect flow breccia. Generally green moderately siliceous locally flow-banded rhyolite cluttered with angular or rounded and sometimes melted fragments.								
		Fragments - up to 2 ins - usually white to lavender								
		cherty rhyolite but some of more sugary green.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vasee Mines Limited

LOCATION

DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS.

SHEET NO. 6

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Peppered throughout with erratic specks and blebs of pyrite - rare <u>chalcopyrite</u> . Weak to negligible chlorite - in matrix but locally attacks fragments.								
500.0	528.0	Mineralisation becomes predominantly <u>pyrrhotite</u> - as scattered blebs to $\frac{1}{8}$ ". These commonly have core of pyrite and/or chalcopyrite.								
507.0		Strong <u>pyrite</u> over 1 ft.								
528.0	532.6	Breccia gets less distinct less siliceous and less chloritic. Some purplish fragments.								
532.6-610.4		Shyolite - or Basalte. (May be equivalent to ribby flow).								
532.6	555.0	Grey vaguely sugary shyolite. Less siliceous than overlying unit. Massive and fairly uniform but some vague patches more white and cherty looking. Has many white irregular spots - some may be anhydrous others alteration-epidote, leucocene and sericite.								
		Scattered blebs of <u>pyrrhotite</u> .								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited LOCATION
 COMMENCED ELEVATION DIPS.
 COMPLETED BEARING
 DEPTH
 DRILL HOLE NO. V.174
 SHEET NO. 7

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	555.0 - 572.0	Continues from above but darker, finer and more distinctly rhyolitic. Has some amygdalae to 1". These may be alteration as have siliceous haloes. Commonly contain pyrite and chlorite and/or epidote. Irregularly placed. Rare speck <u>pyrrhotite</u> and <u>chalcopyrite</u> . Pyrite as cubes, threads and blebs throughout. Becoming flow textured.								
	572.0	Gradually becomes more siliceous. Amygdalae? fade. Some feldspar phenocrysts. Some 2 ^o quartz carbonate veins. Blebs of pyrite.								
	592.0 - 605.0	Becomes lighter gray apparently less siliceous. Blebs of pyrite. Some chloritic splashes. Slightly carbonated. Possibly some sericite.								
	605.0 - 609.6	Fine flow breccia - indistinct fragments. Dark blue-grey in colour. Distinctly rhyolite. Blebs of pyrite.								
	609.6 - 610.4	Sheared with much quartz carbonated - at 10° to G.N.								

CONTRACTOR LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vause Mines Limited

LOCATION

 DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS.

 SHEET NO. 8

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
610.4-612.2		Tuff. Dark blue grey chloritic tuff or sheared and altered flow. Some coarse <u>pyrite</u> and locally some bands with fine sugary <u>pyrite</u> . Quartz carbonate scarce.								
		611.7 - 612.2 Fault zone. Mostly quartz carbonate.								
612.2-613.4		Andesite dyke. Well chilled edges to a fine grained grey buff intermediate dyke. Contacts 10° to C.N.								
613.4-614.8		Tuff. A rhyolitic tuff. Only poorly bedded. At base is moderately coarse and grades continuously to fine at top. Fine sugary <u>pyrite</u> throughout but this increases to top. No distinct layering. Cherty material rare if present. No chalcopyrite or sphalerite visible. May be sheared flow.								
		614.8 Contact at 20° to C.N. or fracture.								
614.8-675.9		Rhyolite.								
		614.8 - 675.0 Grey siliceous but not glassy, flow textured rhyolite. Varies from almost massive to well flow banded and or brecciated with occasional angular fragment.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Yenze Mines Limited

LOCATION

 DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS

 SHEET NO. 9

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Some small chloritic patches and small clusters of chlorite throughout. Some white speckling.								
		Pyrite varies but generally widespread - as small blebs. Rare blob of chalcopyrite. Sulphides associated with chlorite.								
	675.0 - 721.0	Generally as above. Light grey extremely fine textured. Negligible chlorite. Rare sulphides. Some white silicified spots - locally developing into haloes. Rarely fractured.								
	721.0 - 732.0	Becomes less well flow textured and a little more chloritic. Rare pyrite. Has occasional section with angular cherty fragments and weak chlorite. A few haloes. Basically a breccia.								
	731.0	Note purplish fragments, chlorite and splash of chalcopyrite with pyrite.								
	753.0 - 757.0	Becomes black and weakly magnetic.								
	782.0	Arbitrary change.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vauve Mines Limited

LOCATION

 DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS

 SHEET NO. 10

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	702.0 - 795.0	A light blue grey flow - almost massive but with some vague flow features. No sulphides.								
	795.0 - 811.0	Massive dark grey flinty rhyolite. Well fractured. Some distinct halos - core is same as bulk of flow. <u>Halos</u> to 2								
	811.0 - 825.0	Light grey massive, sometimes coarse, flinty rhyolite. Present though negligible chlorite.								
	825.0 - 838.8	Dark grey massive flinty rhyolite with occasional cubes of pyrite.								
	838.8	Small quartz carbonate filled fault.								
838.9-846.8		Metadiabase or Diorite.								
	838.9	Dark green broken basic intrusive with chilled though lacy contact.								
	841.0	Medium equigranular distinctly diabasic texture uniform rock.								
		Feldspar altered to epidote.								
	846.8	Well chilled and weakly magmatic contact at 25°								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vanco Mines Limited

LOCATION

DRILL HOLE NO. V.174

COMMENCED

ELEVATION DIPS.

SHEET NO. 11

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		to core normal.								
946.0-944.0		Rhyolite.								
	946.0 - 860.0	Light to dark grey green siliceous and locally glassy rhyolite. Some flow features.								
	860.0 - 866.0	Flow textured and with several angular purplish cherty fragments.								
	866.0 - 939.0	Grades to massive weakly flow textured light grey, siliceous, flinty and sugary rhyolite. Relatively fresh and rarely fractured. Some white saussureite? speckling. Occasional blob of pyrite to 1".								
	939.0 - 943.0	As above but with some cherty angular or rounded fragments - increasing towards 943.								
	943.0 - 944.0	Small quartz carbonate filled fault at 40° to core normal.								
944.0-959.1		Metadiabase.								
	944.0 - 949.0	Fine grained, dark grey-green, intermediate, fine grained dyke. Weakly chloritic and few pyrite blebs								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Yanco Minco Limited
 COMMENCED
 COMPLETED

LOCATION
 ELEVATION DIPS.
 BEARING
 DEPTH

DRILL HOLE NO. V.174
 SHEET NO. 12

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
		no approach fault at 954. Grades to -											
	949.0 - 957.0	A buff grey fine grained rock continuous with above.											
		A few darker chloritic zones - also some epidote and quartz carbonate.											
	957.0 - 959.1	Becomes darker and more chloritic. Several small shears.											
	959.1	Contact lost.											
959.1	END.	Rhyolite.											
	959.1 - 965.0	Light grey siliceous flow rhyolite either intensely flow brecciated or a fine dyke breccia since healed.											
	965.0 - 988.0	Continues from above - a glassy weakly flow featured rhyolite with some small fragments locally. A few chloritic spots and an odd blob of <u>pyrite</u> or <u>chalcopyrite</u> .											
	988.0 - END	As above but with increasing chlorite spots.											
	1009.0	END OF HOLE. casing left.											

CONTRACTOR

LOGGED BY:

DRILL HOLE SURVEY

PROPERTY Vause Mines Limited
 COMMENCED November 26th. 1962
 COMPLETED January 17th. 1963
 DECLINATION Lot #12 Range VII N 13° W

LOCATION 31,574.7 E 6051.5 E
 ELEVATION 9,129.87
 BEARING S 69° W
 DEPTH 1385'

DRILL HOLE NO. V.175
 SHEET NO. 1

Depth	From	To	Incl. Dist.	Reading Vert. Ang.	Vertical Course	Vertical Distance	Horiz. Dist.	Reading Mag. Beang	True Bearing	Horiz. Course	North	East	Latitude	Departure
0				60°				S 82° W	S 69° W				31,574.7	6,051.5
	0	100	100		59°	84.80	52.99			68° 30'	-19.42	-49.30		
100				56°				S 81° W	S 68° W				31,555.3	6,002.2
	100	200	100		54° 30'	81.41	58.07			862° W	-27.26	-51.27		
200				53°		166.21	110.96	S 69° W	S 56° W				31,528.0	5,950.9
	200	300	100		52° 30'	79.34	60.87			856° W	-34.03	-50.46		
300						245.55	117.83						31,494.0	5,900.4
	300	400	100		51° 30'	78.26	62.25			856° W	-34.80	-51.61		
400				51°		323.81	234.08	S 69° W	S 56° W				31,459.2	5,848.8
	400	500	100		50° 30'	77.16	63.61			855° 15' W	-36.26	-52.26		
500						400.97	297.69						31,422.9	5,796.5
	500	600	100		49° 30'	76.04	64.94			853° 45' W	-38.32	-52.37		
600				49°		477.01	367.63	S 66° W	S 55° W				31,384.6	5,744.1
	600	700	100		48 45	75.18	65.93			852 00	-40.59	-51.95		
700						552.19	433.56						31,344.0	5,692.1
	700	800	100		48 15	74.60	66.59			851 00	-41.90	-51.75		
800				48°		626.79	500.15	S 63 30	50 30				31,302.1	5,640.4
	800	900	100		47 45	74.02	67.24			850 15W	-42.99	-51.69		
900						700.81	567.39						31,259.1	5,588.7
	900	1000	100		47 15	73.43	67.88			850 00W	-43.63	-51.99		
1000				47°		774.24	635.27	S 63	S50 W				31,215.5	5,536.7

Hole
Blocked
See
Sheet 2

DRILL HOLE SURVEY

PROPERTY Vause Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION

SHEET NO. 2

COMPLETED

BEARING

DECLINATION

DEPTH

Depth	From	To	Incl. Dist.	Reading Vert. Ang.	Vertical Course	Vertical Distance	Horiz. Dist.	Reading Mag. Beang	True Bearing	Horiz. Course	North	East	Latitude	Departure
	Hole wedged at 930'													
800				48° 00'				S 63° 30' W	S 50° 30' W					
	800	900	100		47 45	74.02	67.24			S 50° 15' W	-43.0	-51.7		
900					47 30	700.81	567.39						31,259.1	5,588.7
	900	930	30		48 15	22.38	19.97			48° 45'	-13.2	-15.0		
930				49 (assumed)		723.19	587.36						31,245.9	5,573.7
	930	1000	70		49 30	53.23	45.46			47° 00'	-31.0	-33.3		
1000				50° 00'		776.42	632.82	S 58° 30' W	S 45° 30' W				31,214.9	5,540.4
	1000	1100	100		50° 00	76.60	64.27			45° 00'	-45.5	-45.4		
1100				No tests		853.02	697.09						31,169.4	5,495.0
	1100	1200	100	Course is	50° 00	76.60	64.27	No tests		44° 00'	-46.2	-44.7		
1200				assumed.		929.62	761.36	Course					31,123.2	5,450.3
	1200	1300	100		50° 00	76.60	64.27	is		43° 00'	-47.0	-43.8		
1300						1006.22	825.63	assumed					31,076.2	5,406.5
	1300	1385	85		50° 00	63.86	54.63			43° 00'	-40.0	-37.3		
1385'	END OF HOLE					1070.08	880.26						31,036.2	5,369.2

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited
 COMMENCED November 26th. 1962
 COMPLETED January 17th. 1963
Lot 1 Range VII

LOCATION 31,574.7 N 6,051.5 E
 ELEVATION 9,129.67 DIPS. At Collar 60°
 BEARING S 69° W
 DEPTH 1385'

DRILL HOLE NO. V.175
 SHEET NO. 3

(Drilling suspended 21/12/62 - 2/1/63)

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
0	6.0	Casing.								
6.0	296.5	Rhyolite.								
6.0	27.0	Ribbon rhyolite with white cherty fragments in green less siliceous matrix locally strongly chloritic. Specks of pyrite.								
27.0	75.0	Grey green ribboay flow with only a few white cherty bands. Root is almost andesitic. Bending at 40-60° to core normal.								
75.0	161.0	Ribboay flow with white cherty and amygdaloidal blocks and bands. Hard and generally more siliceous than above. Locally weak chloritic. Generally banded at 45°								
161.0	172.0	Magnificently flow-banded section. Some fine contortions - generally white and cherty locking. Banding at 70° to core. Part of ribbon rhyolite. Banding takes off from siliceous blocks.								
172.0	187.0	Dark grey more massive dacitic section, becoming lighter in colour. Some weak flow features.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 4

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
187.0	- 192.0	Ribbon rhyolite. Green dacitic matrix with white cherty amygdaloidal blocks.								
192.0	- 205.0	Blocks less distinct - green grey but almost pumiceous. Some fine banding but not a typical ash flow. Grades to -								
205.0	- 220.0	Ribbony flow with some purplish to black blocks and bands - these generally hard, siliceous and strongly magnetic. Much fine flow banding picked out by some chlorite. Some very amygdaloidal white blocks.								
220.0	- 252.0	As above but with less of magnetic purplish material. Well flow banded etc. These may be alteration product as seem to be of odd shape and transgress other features. Locally some chlorite.								
252.0	- 269.7	Possibly a fine welded ash flow. Fine contorted or parallel banding in green to almost black dense flow. Magnetic where black.								
		Compare with V.173.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vause Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 5

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	269.7 - 271.3	Grades from above. A fine angular breccia. White											
		small fragments. Grades into -											
	271.3 - 298.5	Flow banded weakly ribbon rhyolite. Some fine											
		banding - often contorted. Could be as 252-269.7											
		in places. Becomes massive and dacitic. Some black											
		purple weakly magnetic blocks or bands.											
	298.5	Sudden change though contact obscure.											
298.5-339.3		Rhyolite.											
	298.5 - 339.0	Perfect flow textured rhyolite. Probably part of											
		ribbon flow but with extreme development of con-											
		torted fragments, flow banding and fine parallel											
		banding. Some distinct amygdaloidal fragments.											
		All features picked out by chlorite.											
	339.0	Sudden change.											
339.3-419.0		Rhyolite.											
	339.0 - 390.0	Green massive dacitic flow. Some fine banding but											
		may be alteration. Occasional white silicified patch.											

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION

DIPS.

SHEET NO. 6

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		360.0 Becomes blackish-purple and weakly magnetic.								
		390.0 - 400.0 As above but becomes light green in colour and seems less altered. Very hard and dense.								
		400.0 - 419.0 Continues from above but develops a fine flow banding reminiscent of ash flow type in Anulet rhyolite. Some purplish colour. Weakly magnetic in places - where purple. Negligible chlorite.								
419.0-476.3		Rhyolite.								
		419.0 - 450.0 A ribbon flow brecciated unit. Grey green banded flow with some blocks and bands of apparently more siliceous material. Some bleaching. No cherty or amygdaloidal blocks.								
		450.0 - 476.3 Grades to more typical ribbon flow with some cherty white amygdaloidal blocks etc. Low chlorite overall but locally moderate.								
476.3-484.4		Diorite. Altered buff green diabasic looking diorite with chilled edges. Top contact lost, lower at 60° to core.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vauze Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 7

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
484.4	520.5	Rhyolite.								
	484.4 - 500.0	Dark grey green to whitish hard and dense rhyolite - dacitic. Generally flow textured but with some bands or blocks of melted looking, white, cherty and almost pumiceous rhyolite.								
	500.0 - 520.5	Rhyolite breccia. At top is green chloritic flow but gradually has large siliceous angular sharply defined fragments in greener chloritic matrix. Fragments get smaller to base and are of varied composition.								
520.5	547.0	Dacite.								
	520.5 - 547.0	Green massive amygdaloidal dacitic flow. Some flow features. Generally hard and dense but lacking features of rhyolites - except for many sections resembling ribbon fragments. Cubes of pyrite. Very low negligible chlorite.								
547.0	602.8	Rhyolite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vause Mines Limited

LOCATION

 DRILL HOLE NO. V.375

COMMENCED

ELEVATION DIPS.

 SHEET NO. 8

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	547.0	Sharp change. Banding 20° to normal.								
	547.0 - 575.4	Siliceous, almost glassy black to green rhyolite with abundant generally fresh looking <u>felspar phenocrysts</u> . Probably very weak chlorite throughout. Some specks pyrite. Much parallel flow banding 20° to core normal.								
	575.4 - 602.8	Generally as above but less siliceous - a dirty green in colour and no felspars. Some epidote and saussurite speckling. Occasional cubes of pyrite.								
	602.8	Chloritic seam - flow contact?								
602.8-623.0	Rhyolite.	Grey green and occasionally whitish siliceous rhyolite. Generally massive and fresh but for dark circular or elongated spots of massive black chlorite to 1" - probably amygdules - as sharp rims. Elongated at 65° to core.								
623.0-629.0	Diorite.	Massive fine to medium grained diorite - moderately								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vease Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 9

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		altered. Contacts in shears. Some quartz carbonate.								
629.0-691.3		<u>Rhyolite.</u>								
	629.0 - 691.3	Grey siliceous and locally almost sugary massive and weakly flow textured rhyolite. Moderately fresh - but very weak chlorite.								
	640.0	Becomes finer grained and more flinty. Well fractured. Some fine white - saussurite? - specks.								
	686.0 - 691.3	Weakly bleached towards dyke.								
	691.3	Small quartz carbonate filled slip at 45° to normal.								
691.3-708.0		<u>Diorite.</u>								
		Or metadiabase. Light brown buff to grey green medium grained dyke. Much altered - and generally sheared. Quartz carbonate in joints etc.								
	708.0	Contact lost on fracture.								
708.0-841.0		<u>Rhyolite.</u>								
	708.0 - 759.7	Varied white to grey to black fine grained siliceous generally massive rhyolite with some vague flow features. Some flecks of chlorite but otherwise a								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vause Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 10

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		hard flinty rhyolite. Usually more flinty where								
		black. Generally well fractured. Some elongated pools								
		of chlorite - amygdules? Speckled with saussureite?								
759.7	760.0	Some flow (or tuff bands) at 25° to core normal.								
		Well altered.								
760.0	764.0	Siliceous rhyolite - or tuff with moderate chlorite								
		in patches. Pelsopar phenocrysts and some vague								
		banding. Grades to -								
764.0	770.0	More massive variety of above - less siliceous except								
		for black flinty sections.								
770.0	841.4	Grey to black and occasionally almost white massive								
		rhyolite. Generally cherty - especially where black								
		or white. Some amygdules with quartz infilling.								
		Locally a suggestion of weak autobrecciation but								
		this may be alteration. Low to nil chlorite.								
		Well fractured. Rare cube of pyrite.								
840.0		Recesses bleached and epidotised towards diorite.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vause Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 11

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE							
841.4-919.6		Diorite.												
	841.4	-												
	841.7	-												
		Very narrow chilled margin at 10° to core normal.												
		Becomes a medium to coarse grained distinct though altered diorite. A buff to grey hard rarely fractured rock. Felspars well altered - saussuritized. Ferronage. also altered - so no distinct texture. Very uniform and equigranular.												
	913.0													
		Becomes increasingly finer grained. Probably fresher. Some quartz carbonate filled joints.												
	918.0													
		Small slip.												
	919.6													
		Chilled glassy banded contact at 20° to core normal.												
919.6-930.6		Rhyolite.												
		Black to grey siliceous massive and flow textured rhyolite. Some very weak chlorite. Fine specks of pyrite widespread but locally concentrated as at 829. Some vague flow breccia.												
930.6-960.0		Fracture Zone - (Rhyolite).												
		Much missing core in strong fractured zone.												

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Yanco Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 12

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Rhyolite but very varied. Changes usually gradational but usually missing.								
930.6	934.0	Pink granitic dyke or silicified rhyolite. With specks of chalcopyrite in quartz seam.								
934.0	941.0	Grey flow banded altered rhyolite. Specks pyrite. 50% core missing.								
941.0	943.0	Mostly missing core. Bleached silicified white rhyolite.								
944.0	969.0	Grey siliceous altered flow banded and probably locally flow brecciated rhyolite. Some missing core. Very broken. Scattered fine pyrite locally concentrated. Rare speck of chalcopyrite. Locally shows a weak tuffaceous nature and may be spherulitic in places. Possible amygdules with white saussuritic infilling - also in cracks.								
	960.0	Fracturing decreases.								

CONTRACTOR

LOGGED BY:

DIAMOND DRILLING LOG

 PROPERTY Vause Mines Limited

LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

 SHEET NO. 13

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
969.0	- 973.5	Granite or strongly silicified rhyolite. Contacts are gradational but quite sudden - this is probably alteration. Pink almost pure silica with suggestion of amygdales. Some specks and blebs of epidote. Fine pyrite throughout in specks and cracks. Rarely fractured.								
973.5	- 989.0	Grey moderately siliceous rhyolite. Very broken ground. Some quartz epidote or saussurite filling of cracks amygdales? etc.								
989.0	- 1012.0	Very broken. Some missing core. Generally a dark grey moderately siliceous rhyolite with some flow breccia. Locally a distinct fragment. Some sericite seams or splashes. Probably a fault zone.								
1012.0		Quartz seams.								
1012.0	- 1034.6	Massive weakly fractured grey moderately siliceous rhyolite. Numerous epidotised spots.								

CONTRACTOR

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DIAMOND DRILLING LOG

PROPERTY Vauze Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 14

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE							
		Some with quartz centres.												
	1023.0	2 ft. of whitish buff, silicified, epidotised section.												
		Specks of pyrite and <u>chalcopyrite</u> at 1021, 1024 - usually with epidote alteration.												
		Becomes more siliceous and some almost cherty blocks.	1029											
	1034.8	Change on fracture.												
	1034.8 - 1037.0	Finely banded grey green Pacific lava - banding is contorted and distinctly of flow type.												
	1037.0 - 1075.0	Ribbon rhyolite. Typical ribbon flow. White cherty locally very amygdaloidal drawn out fragments in darker more chloritic matrix with many fine siliceous fine typically flow breccia fragments. Odd speck of pyrite.												
		Note purplish tinge to cherty fragments. All moderately fractured.												
	1075.0 - 1092.4	Grades to a typically flow brecciated rhyolite - buff grey green in colour - due to epidote and or sericite.												

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LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION

DIPS

 SHEET NO. 15

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Locally some glassy or cherty white fragments or sections.								
		Scattered blebs of pyrite and locally some <u>pyrrhotite</u> - usually in more cherty blocks etc.								
		See 1086, 1091.								
	1092.4-1115.3	Rhyolite ?								
	1092.4	Soft more basic flow with very weak suggestion of pillows - some short sections of scoria. Locally weak chlorite. Scattered pyrite and pyrrhotite. Generally more massive than rhyolite above. Some black filled amygdules.								
	1115.3	Some flow breccia.								
	1115.3-1118.0	Rhyolite. White bleached and sericitised rhyolite or unbedded tuff. Massive or weakly banded.								
	1118.0	Sharp but not abrupt change.								
	1118.0-1187.5	Rhyolite.								
	1118.0 - 1121.0	Very siliceous glassy massive almost transparent								

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PROPERTY Youse Mines Limited

LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 16

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		rhyolite - probably leached and/or silicified.								
		Some epidote or sericite blebs.								
		Peppered throughout with specks or blebs of <u>pyrrhotite</u>								
		which generally lie along parallel lines at 30° to								
		core normal. Rare pyrite. Rare <u>felspar phenocryst.</u>								
	1121.0 - 1130.6	Becomes darker grey and eventually almost black.								
		Fine grained siliceous massive or weakly flow banded								
		rhyolite with some white specks - lath like - may								
		be altered felspars. Peppered throughout with blebs								
		of pyrrhotite - locally a fine speck of chalcopyrite								
		and rare pyrite.								
		Has locally a fine granular appearance - may all be								
		a tuff - or spherulitic.								
	1130.6 - 1150.0	Gradual change to massive uniform grey granular								
		textured rhyolite - vaguely spherulitic - Hence may								
		be tuff. No flow features. Only rare speck of								
		pyrite.								

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LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION

DIPS.

 SHEET NO. 17

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	1150.0 - 1169.0	Gradually becomes finer - and blacker - with occasional speck of pyrite or pyrrhotite. Occasional flow feature.								
	1169.0 - 1181.0	Varied but generally bleached and very siliceous - as 1118.0 - 1121.0. Some <u>pyrrhotite</u> and pyrite in blebs to $\frac{1}{4}$ ". Occasional speck of <u>chalcopyrite</u> .								
	1181.0 - 1182.1	A finely flow banded - or sheared rhyolite - locally granular - tuff? Locally strong chlorite.								
	1182.1	Blebs <u>pyrrhotite</u> and <u>chalcopyrite</u>								
	1182.1 - 1187.5	Fine flow breccia or scoria. Probably silicified in part. Has bluish tinge. Could be same as 1115.5 - 1118.0. Blue silica in filigree pattern may be alteration. Some <u>pyrrhotite</u> and minor <u>chalcopyrite</u> in siliceous bands, with fractures?								
	1187.5	Arbitrary change.								
1187.5-1194.3		Andesite.								
	1187.5 -	Generally massive light buff grey siliceous andesite.								

* Note almost matching of units from 1115.5 to 1187.5. Is this a complete welded tuff?

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LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS

 SHEET NO. 10

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		May be pillowed as short sections of scoria								
		Some very fine chalcopyrite and sphalerite in fractures.								
1194.3-1205.2		Diorite. Perfect chilled margins to medium grained altered buff equigranular diorite. Very massive rarely fractured - may be metadiabase.								
		Lower contact at 30° to core. Top - lost.								
1205.3-1218.0		Mixed Unit. Generally as 1187.0 - 1154.3 grey buff and flow textured and locally distinctly andesitic. Some cherty fragments locally moderate black chlorite. Specks pyrite.								
1218.0-1221.0		Tuff?								
		1218.0 - 1219.0 Fine banded tuff? with much fine pyrite.								
		1219.0 - 1221.0 Become more of a flow or pyroclastic breccia - distinctly rhyolitic. Note good cherty rounded fragment.								
		1221.0 Very broken - arbitrary contact.								
1221.0		Andesite.								

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LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 19

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	1221.0 - 1234.0	Light grey locally amygdaloidal massive andesite.											
		Amygdaloides filled with pale green chlorite.											
		Andesite typical of surface exposures to south of Area K. Few specks of pyrite. Rarely fractured.											
	1234.0 - 1239.0	Scoria with few short massive sections.											
	1239.0 - 1291.8	Light grey green generally uniform massive and or pillowed andesite. Note probable pillow rise at 1248.7, 1253.2. Locally some amygdaloides and also some fine speckling by mafic mineral.											
		Some coarse pyrite - usually along fractures - often with bleaching and silicification - as at 1291.0											
		Few fractures.											
	1291.8 -	Becomes massive darker and more dense.											
		Scattered cubes of pyrite.											
	1304.0 - 1305.6	Above develops into a reepy breccia - silicified and very dense.											
	1305.6-1310.3	Scoria.											

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LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION

DIPS

SHEET NO. 20

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE							
		a fine frothy scoria or ash flow with vague contorted banding and occasional more massive block. Typical bluish tinge to silica. Fine scattered pyrite - and some weak chlorite locally.												
	1510.3	Sharp contact at 20° to core.												
1510.3-1517.0		Andesite. Massive hard dark grey dacitic flow - very similar to 1291.8 - 1505.6. Top is a ropery flow breccia. Could possibly be unbedded tuff but unlikely. Scattered cubes of pyrite. Lower contact - sharp at 20°.												
1517.0-1519.0		<u>Bedded Pyritic Tuff</u>												
	1517.0 - 1517.2	Very fine slightly purplish cherty well layered sediment. Scattered pyrite.												
	1517.2 - 1517.7	Varied well layer tuff and chert. Bands vary from white to black - may be graphitic but this is doubtful - only extremely weak conductor.												

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LOCATION

 DRILL HOLE NO. V.175

COMMENCED

ELEVATION

DIPS

 SHEET NO. 21

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Most beds more than 1/2". Some cherty material.								
		Minor pyrite. Dips 20° - 30° to core axis.								
	1317.7	Pyrite. Predominantly pyrite. Sulphide is fine and locally massive - where so is fine and brown and not bedded. Probably a pyritic mud and as such is identical to some found on top of Anulet Rhyolite in holes near W. end of Waite lake. Some lighter pyrite in minute seams.								
		Rest is a slightly coarser pyrite with some tuffaceous material, and much of finer brown pyrite as matrix - weakly bedded. No chalcopyrite pyrrhotite, magnetite or sphalerite visible.								
	1318.9	Pyrite decreases sharply - may be on fracture.								
1319.0 - END		Rhyolite - May be tuff.								
	1319.0 - 1328.5	Mottled white to grey rhyolite breccia. May be a flow breccia or a tuff. Some weak flow banding but locally apparent bedding indicates pyroclastic origin.								

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LOCATION

DRILL HOLE NO. V.175

COMMENCED

ELEVATION DIPS.

SHEET NO. 22

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		Very cherty siliceous lava.								
		Specks pyrite throughout.								
	1328.5 - 1342.0	Becomes less mottled and a more uniform dark grey. Locally weakly flow banded - but with occasional well defined fragment. Note some almost angular purplish cherty fragments at 1337, 1339, 1340.4. Where it has these fragments looks quite tuffaceous.								
	1342.0 - 1361.0	Becomes a uniform almost angular massive unit. May be unbedded tuff or coarse flow. Locally some banding and weakly developed flow breccia - or coarse pyroclastic. Scattered pyrite. Occasional cherty fragment - as at 1352.9.								
	1361.0	Locally more pyrite - flow contact?								
	1361.0 - 1372.0	Massive grey apparently flow rhyolite but may be ash flow or tuff. Scattered small fragments. Vague banding. Specks pyrite and rare pyrrhotite and chalcopyrite.								

CONTRACTOR

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PROPERTY Yause Mines Limited LOCATION
 COMMENCED ELEVATION DIPS.
 COMPLETED BEARING
 DEPTH DRILL HOLE NO. Y.175
 SHEET NO. 23

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
		1372.0 - HFD. Becomes more varied - flow textured - but may be tuff.								
		Occasional speck of sulphide.								
		1385.0 END OF HOLE.								
		Hole stopped due to bad caving at several points								
		higher in hole. Blocked to D.H.E.M. probe at								
		685.0 - 695.0 ft.								

CONTRACTOR

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 PROPERTY Vauze Mines Limited

 LOCATION 31,412.2 N 5,109.1 E

 DRILL HOLE NO. V.176

 COMMENCED 18th. January 1963

 ELEVATION 9,116.1 DIPS. 90° at collar

 SHEET NO. 1

 COMPLETED 30th. January 1963

 BEARING - See Survey sheet

Lot 1 Range VII Dufresnoy

 DEPTH 914.5'

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
0 - 6.0	6.0 -	Casing. Rhyolite.											
	6.0 -	30.0	Fairly typical ribbon rhyolite. Very varied fragments - most indistinct. Locally amygdaloidal. Some blobs of pyrite. Well fractured and sheared. Some oxidation. Some quartz carbonate.										
	30.0 -	36.0	Becomes increasingly schistose as approach fault.										
	36.0 -	47.0	Fault zone. Very sheared and fractured. Much carbonate. Main fault at 41 - 43 - Angles - 45 - 60°										
60.0 - 223.0	47.0 -	60.0	Weakly sheared and altered ribbon chloritic rhyolite. Becomes less ribbon and almost a										
	60.0 -	117.0	fine flow breccia - may be tuffaceous. Generally grey to blackish. Possibly some weak sericite. Moderate black chlorite. Becomes increasingly siliceous. Locally white and cherty - may be silicification or less altered sections. Weakly fractured. This is probably unit that in V.172 - 173 etc. is strongly sericitised.										
	117.0 -	122.0	Locally strongly fractured.										
	122.0 -	160.0	Generally as 60 - 117, but well flow textured and locally massive and more siliceous. Occasional speck of chalcopyrite and pyrite. Locally possibly weakly spherulitic. May all be a pyroclastic.										
	160.0 -	205.0	Generally as above - but more dense and siliceous. Some blebs of pyrite and minor chalcopyrite. Possibly some small cherty elliptical fragments - may be amygdules. May all be pyroclastic. Some weak banding. Occasional distinct fragment, at 20 - 60° to core normal.										
	204.6		Dark grey. Weakly fractured. Note fragment in flow banded section.										
	205.0 -	223.0	More typically flow featured. Becomes more altered and bleached towards fault and diorite.										
	223.0 -		Small fault with much quartz carbonate. Shearing etc at 50° to core normal.										
223.0 - 303.3			Diorite.										
	223.0 -	226.0	Contact on fault. Fine grained bleached diorite. Fractured with much quartz carbonate.										
	226.0 -	294.0	Increasing grain size to medium-coarse. Light grey uniform altered equigranular diorite. Weakly fractured.										
	294.0 -	303.0	Grain size decreases to fine at contact.										
	303.3		Contact on small quartz-carbonate and epidote vein at 40° to core normal.										
303.4 - 360.0			Rhyolite.										
	303.4 -	323.0	Grey, massive or weakly flow featured, siliceous rhyolite. Vaguely granular or spherulitic. May be pyroclastic. Some circular "halves" of pure epidote. Occasional fragment up to 1".										
	323.0 -	360.0	A more siliceous and varied unit. Numerous siliceous and white fragments in groundmass of flow brecciated or banded siliceous rhyolite. May all be pyroclastic. Locally vaguely spherulitic. Scattered specks or blebs of pyrite throughout - but especially where cherty and more siliceous.										

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LOCATION

 DRILL HOLE NO. V.176

COMMENCED

ELEVATION

DIPS

 SHEET NO. 2

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE				
	360.0 - 406.5	Weak chlorite throughout. Weakly fractured. Dark grey to white. As above but lighter grey - more siliceous or less altered. Well flow featured. Numerous fragments - angular and rounded.									
	406.5 - 407.3	Minor grey dyke. Contacts on fractures.									
	407.3 - 436.0	Siliceous breccia as above but some ribbony or flow banded lengths. Numerous cherty, vaguely purplish fragments. Note perfect angular fragments at 424. These are distinctly pumice. Odd speck of pyrite. Some massive dacitic green blocks. Whole unit may be pyroclastic - ash flow type? Resembles flow breccia in outcrops near V.36. Most fragments massive, white-mauve tinted and weakly ribbony though sharply defined.									
436.0-445.3		Diabase (or Diorite)									
	436.0	Contact on fracture at 40°. With rhyolite inclusions.									
	436.3 - 445.3	Increasing grain size to uniform equigranular medium to fine grained. Typically metadiabasic texture. Some sections light buff due to epidotisation.									
	445.3	Contact on small quartz carbonate veins.									
445.3-617.7		Rhyolite.									
	445.3 - 487.7	Grey to white, flow banded and brecciated rhyolite as above diabase. Generally a mottled look due to weakly developed fragments. Some distinct cherty, mauve tinted angular fragments. Less tuffaceous looking than that above diabase. Odd speck of pyrite. Some more greenish, less siliceous blocks. Weak fracturing.									
	482.7	Arbitrary change. Note specks of <u>chalcopyrite</u> .									
	482.7 - 495.0	Lighter grey rhyolite with more distinct banding and a slightly stronger tuffaceous look. Some ribbony blocks and only rare angular cherty fragment. Few blebs of pyrite.									
	495.0 - 617.7	Reverts to type as from 445.3 - 482.7. More siliceous flinty and with angular purplish fragments. Some green dacitic blocks. Some ribbony fragments - flattened amygdulae. Some fragments distinctly pumice - as at 521.0, 561.3. Weakly fractured. Locally fragments absent but has weakly granular appearance. May all be tuff - ash flow?									
	535 - 568	Generally stronger pyrite as blebs and specks.									
	537	Some moderately strong, black chlorite.									
	573.0	Arbitrary change. Fragments disappear.									
	573.0 - 617.6	A more massive light grey green uniform rhyolite with only an occasional vague fragment and possibly some flow banding. Is this completely welded section of ash flow? Fine pyrite as disseminations and along cracks. Weak fracturing.									
	591.0	Some distinct white fragments.									
617.7-670.0		Diabase.									

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LOCATION

 DRILL HOLE NO. V.176

COMMENCED

ELEVATION

DIPS

 SHEET NO. 3

COMPLETED

BEARING

DEPTH

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE						
	617.7	Perfect chilled edge at 20° to core normal to a light buff green fine grained epidotised basic dyke. Lower contact lost.											
620.0-626.0	Rhyolite. 620.0	Dense, black green, glassy rhyolite grading at 623 to white flinty type. Some minute feldspar phenocrysts. Pyrite specks throughout.											
626.0-634.5	Transition Zone. 626.0	A mixture of apparently massive siliceous but andesitic looking material, with fine tuffaceous but unbedded look and several fine cherty of fine tuff beds - usually contorted. Blebs of pyrite through. Strongly fractured - making recognition difficult.											
634.5-696.8	Andesite. 634.5 - 642.0	A mixture of scoria and more massive lava - possibly vague pillows - which are generally amygdaloidal - but siliceous. Scattered pyrite. Light grey and relatively fresh.											
	642.0 - 648.5	Predominantly scoria. Scattered but less pyrite.											
	648.5	Massive siliceous fine grained but andesitic looking lava. Usually amygdaloidal. Some specks of pyrite - often in bleached, epidotised patch. Light grey. Moderately fractured. Some short sections of scoria.											
	677.0 - 694.0	More massive and more definitely andesite as less siliceous and softer. Some bleached and or epidotised spots with pyrite.											
	694.0 - 696.4	Scoria. Specks of pyrite. Possibly some cherty bands.											
	696.4 - 696.8	Massive. With some black chloritic spots. May be massive amygdaloidal block. Well fractured. Bleached.											
696.8-697.0	Pyrite.	Mostly ground out but remains appear to be bedded pyrite resembling that seen on contact in V.175. Somewhat broken textured - by overlying flow or tectonics. Dip 50° to core normal. Lower contact fairly sharp but locally some diffraced pyrite into rhyolite below.											
697.0-702.8	Rhyolite.	Dark grey rhyolite or unbedded tuff. Vague flow breccia appearance. Some weak chlorite. Pyrite specks and seams. Vary vague spherules.											
702.8-703.0	Pyrite.	As at 697.0 but at 10° to core normal. Fine white to brown muddy pyrite.											
703.0 END	Rhyolite 703.0 - 720.0	Generally massive vaguely sugary light grey rhyolite. Occasional weak flow feature. Odd speck of pyrite. Some blebs sphalerite in rhyolite where bleached and very massive.											
	720.0 - 744.0	Grey, typical flow banded and/or weakly brecciated siliceous aphanitic rhyolite. Specks of pyrite. Massive uniform blocky grey buff rhyolite. Probably some weak flow banding. Relatively fresh. Light grey. Specks pyrite. Well fractured.											
	744.0												
	787.5 - 800.0	Becomes a poor flow breccia as gradually develops fragments and more distinct banding. Specks pyrite. Dark grey weakly fractured.											

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PROPERTY Vauze Mines Limited
COMMENCED
COMPLETED

LOCATION
ELEVATION DIPS.
BEARING
DEPTH

DRILL HOLE NO. V.176
SHEET NO. 4

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
	800.0	850.0	Becomes a well developed flow banded and brecciated unit with mottled fragmentary appearance and some distinct angular or melted looking fragments. Very siliceous and white to light grey in colour.							
		802.0	Splash of <u>chalcopyrite</u> - with pyrite.							
		813.0	Splash of <u>chalcopyrite</u> - with pyrite.							
		850.0	Arbitrary change.							
	850.0	885.0	Becomes more uniform and massive darker grey siliceous rhyolite with vaguer flow features - but some distinct fragments. Some epidote splashes. Odd speck of pyrite.							
	885.0	END.	Grades from above into dense massive grey siliceous rhyolite with only very weakly developed flow features. Very fresh. Well fractured. Odd speck of pyrite.							
	914.5	END OF HOLE. Casing left.								

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