63.5199

010 March 21st/88

PROTEUS RESOURCES INC:
GARRISON PROJECT
1988 DRILL PROGRAMME
SIGNIFICANCE OF RESULTS

DDH# : PRI-G-88-1

LOCATION: Line 0 00 , 2+60 North ; -45° Grid West.
Zones 6 and 5 Length: 500 Feet.
CLAIM # :21774 (Patented).
Objective: Testing Grid North-South trending Resistivity low, detected on line 2+00West
- Survey by Quantech Consulting Inc. Jan. 1987

Lithology Intersected : Granite (Garrison Stock); Mafic metavolcanics - variously altered.

Alteration : Pyritiezation, epidotiezation, silicification, hematization

Significant AU intercepts: oz/t AU

36-39:	3'	: 0.012
48-51:	3'	: 0.013
57-60:	3'	: 0.124
74-77:	3'	: 0.110
87-90:	3'	: 0.081
98-101:	3'	: 0.066
101-104:	3'	: 0.048
104-106.5:	2.5'	: 0.069
112-117:	5'	: 0.063
159-164 :	5'	: 0.402
239-241 :	2'	: 0.017
244-247 :	3'	: 0.033
247-249 :	2'	: 0.085
249-251 :	2'	: 0.081
301-304 :	3'	: 0.033
337-340 :	3'	: 0.010
340-343 :	3'	: 0.036
343-346 :	3'	: 0.02
352-357 :	5'	: 0.039

372-375 : 3' : 0.019
466-470 : 4' : 0.032
489-492 : 3' : 0.024

Conclusions and Recommendation: A rather wide zone of gold mineralization has been encountered. Gold appears to be associated with hematised , silicified and pyritized zones within basaltic flow. Additional drilling in this area is warranted to test the ~~fine~~ true potential of this cross structure.

D.D.H. # PRI -G-88-2 :

Location: Line 0+00, 4+00 North, -50° Grid South.
Depth : 245 Feet.
Claim : 21774 (Patented)
Objective: Testing eastern extent of 'flat' vein encountered in ddh # SVS-87-37. This vein has assayed .53 oz/t AU over 2 feet.
Lithology Intersected: Mafic metavolcanics, Granite (Garrison stock).
Alteration : Pyritization, silicification, hematization epidotization
Significant Gold intercepts: Oz/t Au
26-28:2' : .015
40-43:3' : .034
61-62.5:1.5:.074
104-105.5:1.5: .086

Conclusions and Recommendation: The intercept between 104-105.5 which ~~inter~~encountered .086 oz/t Au - may be the eastern continuation of vein encountered in ddh # Svs-87-37

DDH # PRI-G-88-3A:

Location : Line 4+00East, 33+15 South (Silverside Zones 6 & 5 Grid)
-45° Grid North
Depth : 135'

Claim: 37020 (Patented)

Objective: Testing source of anomalous gold found in basal till sampling carried out by Porters (Proteus) Res. Inc. in Oct.1987.

Lithology Interested: Basaltic flows and tuffs

Alteration: Epidotization, Pyritization, Carbonatization

Significant gold intercepts: Oz/t Au

No significant values encountered.

Conclusions and Recommendations:

Hole caved in - could not be completed - moved to ddh # 3B.

DDH # PRI-G-88-3B

Location: Line 4+00 East, 33+25 South. (Silverside zones 6 and 5 Grid)

-45° Grid North

Depth : 171 feet

Claim : 37020 (Patented)

Objective: Testing source of anomalous gold found in basalt till sampling carried out by Proteus Res. Inc. in Oct. 1987.

Lithology intersected : Dioritic basaltic flows, massive basaltic flows.

Alteration : Epidotization

Significant gold intercepts: No significant values

Conclusions and Recommendations: Owing to drilling problem hole could not be completed to desired depth of 500'. This target remains to be tested.

DDH # PRI-G-88-4:

Location: Line 4+00 East, 5+00 South (Zones 6 and 5)

-67° Grid North

Depth : 833 feet

Claim: 21844 (Patented)

Objective: Testing Mineralized zone ~~bands~~ 6 and 5 at a vertical depth of 600ft.

Lithology Encountered: Diabasic basalt, sheared, mylonised mafic meta-volcanics, granitic dykes, quartz feldspar porphyry, lamprophyre (originally Kimberlite) dyke, Granodiorite (Garrison Stock)

Alteration: Quartz, pyrite, hematite, epidote, calcite, chlorite.

Significant gold intercepts : Oz/t Au.

56-58.5:2.5' : 0.048

58.5-61	2.5'	0.019
156-161	5.0	0.01
346-351	5'	0.011
603.5-606	2.5'	0.015
621-623.5	2.5'	0.021
623.5-626	2.5'	0.27 } 0.23/5'
626-628.5	2.5'	0.208 }
628.5-631	2.5'	0.074
631-633.5	2.5'	0.077
681-686	5'	0.018

Conclusions and Recommendations: Lithology and Mineralization encountered in ddh # svs-7, svs-30,and PRI-G-88-4 is identical . It is therefore established that zone 5 and 6 plunge to Grid East at 40°. Further drilling down plunge at 200ft centeres is likely to be fruitfull.

DDH # PRI-G-88-5:

LOCATION: Line 0+00, 35+50 South (Silverside, Zones 6 and 5 Grid)
-45° Grid North
Depth : 495 Feet
CLAIM: 37020 (Patented)
objective: Testing source of anamalous gold found in basal till sampling carried out by Proteus Res. Inc. in October 1987.
Lithology Intersected: Basaltic flows, silicified flows.
Alteration: Epidote, pyrite, hematite, quartz.
Significant gold intercepts: Oz/ton Au.

58-61:	3'	: 0.024
76-77.6:	1.6'	:0.027
123-128 :	5'	: 0.082
145.5-148.3:	2.8'	:0.014
212-214 :	2'	: 0.034
214-216 :	2'	: 0.043

Conclusions and Recommendation: The till anomaly is explained by presence of highly anomalous gold values. Further drilling of these zones along strike and depth is warranted.

DDH # PRI-G-88-6

Location : Line : 26+00 west; 0+80 South (Ore Car Lake Metric Grid)
-50° Grid North
Depth : 600 feet. CLAIM: 795101
Objective: Testing I.P. anomaly
Lithology Intersected : Basaltic lava flows; Metasediments- cherts and argillite - graphitic - siltstone, granitic dyke.
Alteration : hematite, quartz, epidote, carbonate.

Significant gold intercepts:

359-360:	1'	: 0.016
360-365:	5'	: 0.046
365-366:	1'	: 0.025
446-448:	2'	: 0.012
492-494:	2'	: 0.012
496-497:	1'	: 0.018

Conclusions and Recommendations: Mineralization encountered in this drill hole is somewhat similar to gold mineralization at the Holt MCdernott Mine - eg. cherty quartz veins, hematite alteration and associated graphitic sediments. Scattered anomalous values have been encountered over 130feet. Drilling along strike (see I.P. results) to the N.E. and targets North of ddh # PRI-G-88-6 and South of ddh # SVS -52 (drilled by Silverside Res. Inc. in 1987) is likely to be fruitfull. I.P. anomalies in this zone should be carefully seritinised. Scrutinised.

DDH # PRI- G-88-7

Location : Line 5+00West, 1+30 North (Metric Grid)
-50° Grid North
Depth: 756 feet CLAIM:78959 and 737284
Objective: Testing gold mineralization encountered in ddh SVS-56 - drilled by Silverside Res. Inc. in 1987.
Lithology Intersected : Basalt, diabasic and vesicular basalt purple intrusive (e.g. similar to intrusive intersected in ddh # SVS 55 and SVS 56 and Kerr hole MG 84-89 drilled on section 1+00 East and MG-84-85-section

0+50 E - zones 6 and 5- this purple intrusive has been encountered in several other Kerr holes - in close proximity to gold mineralization

Alteration : Carbonate, pyrite, quartz, Rematite, epidote.

Significant gold intercepts:

231-236	5'	0.054	
376-381	5'	0.014	
488.5-491	2.5'	0.029	Similar zone to that encountered in ddh # SVS- 56
491-493.5	2.5'	0.012	
493.5-496	2.5'	0.030	
506-508.5	2.5'	0.024	
508.5-511	2.5'	0.012	
606-611	5'	0.013	

Conclusions and Recommendations: Mineralization encountered in this hole albeit low grade is "strikingly" similar to that encountered in zones 6 and 5. The purple intrusive as logged in 1984 Kerr drilling on zones 6 and 5 has been encountered in 3 ddh ie.SVS -55. SVS 56 and PRI-7. Triangulation to solve three point problem suggests that the west contact of purple intrusive with basalt would subcrop at Line 1+70 West, 0+00; strike direction of 328° with 55° dip to S.W. There is a close spatial association between the purple intrusive and lamprophyre (Kimberlite) dyke- along which most of the mineralization is centered in zones 6 and 5. The deduced fault zone has been traced out from zones 6 and 5 to L 1+70W. 0+00 on 1:5000 scale. A more detailed interpretation with the help of a geophysicist will likely pinpoint its location. I.P. - surveys - may also help- in narrowing down the search target.

H # PRI -G-88-8

Location : Line 10+00 West, 1+90 North (Metric Grid)
-50° Grid North.

Depth: 606 feet. CLAIM: 795105 and 737283

Objective: Testing steep Magnetic Gradient - possible shear or alteration zone.

Lithology Encountered: Basalt, cherty argillarecous sediment, basaltic tuff; diabasic basalt.

Alteration: Epidote, sericite, quartz, pyrite, carbonate, hematite

Significant gold intercepts: No significant values.

Conclusions and Recommendations: This drill hole intersected major lithologic contact ie. Metavolcanic metasediment- a structural zone considered favourable for localization of gold. Drilling I.P. anomalies to the North and South of this contact may prove to be ~~prospective~~ productive.

63.5199

OMBT-6-L-280

Please Note:

Similar diamond drilling log for hole # PRI-G-88-7 can be found in Toronto diamond drilling file # 33 for Garrison Twp.

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY _ GARRISON
HOLE NO. PRI-G-88-1 LENGTH 500
LOCATION
LATITUDE 2+60N DEPARTURE 0+00W
ELEVATION AZIMUTH Grid WEST DIP -45° W
STARTED Jan 11/88 FINISHED Jan 19/88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200'	42°				
400'	43°				

PRI-G-88-1
HOLE NO. _____ SHEET NO. 1
REMARKS Drilling Resistivity Low

LOGGED BY R. Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	16.5	Overburden									
16.5	21	Granite (Garrison Stock); light pink with black mafic phenocrysts ≃1-2mm; white subhedral feldspars throughout; 1-2% fine disseminated pyrite; occasional pyrite crystals; most of core badly broken, (boulder?)	835	01	16.5	18.7	2.2			0.003	
		16.5-18 quartz rich granite	835	02	18.7	21.0	2.3			<.001	
		18.6-20.2 pyrite oxidizing									
		19.6-19.7 mafic volcanic fragment with 1% disseminated pyrite									
		20.2-21 quartz rich granite									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. PRI- G-88-1 SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
21	28.3	Altered Interlayered Mafic Flows And Sediments.	835	03	21	24	3			0.003	
			835	04	24	27	3			0.008	
		Light green to dark greenish black, fine grained interlayered mafic flows and sediments; rock is highly silicifiedand altered; appears brecciated in places; abundant epidote alteration with sections containing low to moderate calcite alteration; rock is highly silicified; have white silica forming veins ranging in size from 10mm to hair line fractures $\simeq 50^{o}$ to C.A.; second set of micro fractures composed of black silica cross cut white silica veins; calcite micro veins parallel white silica veins; epidote generally altering to serpentine; fine grained disseminated pyrite present in veinlets and as subhedral crystals and blebs up to 3% ; small zones of hematite alteration present; also have a few red garnet veinlets.	835	05	27	30	3			<.001	
		25.2 1" granite dyke									
28.3	28.7	4" pink colour Granite Dyke									
28.7	35	Interlayered Mafic Flows and Sediments. similar to above- highly silicified, calcareous in places; 32-33 core badly broken.	835	06	30	35	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		32.9 to 33.2 mixture of light green altered epidote and pink hematite alteration. 1-3% fine grained disseminated pyrite throughout section magnetic in places									
35	36	*(Markers off by 1.5 ft) Mafic Volcanics. black massive mafic volcanics; minor fine grained disseminated pyrite; abundant hairline fractures filled with hematite $\approx 50^{\circ}$ to C.A.; also have hairline fractures filled with black silica.	835	07	35	36	1			0.001	
36	53.8	Altered Mafic Volcanics Green to greenish black fine to medium grained mafic volcanics; moderate to highly sheared rocks; several zones of interlayered mafic flows and sediments present; abundant epidote alteration, with epidote altering to serpentine; epidote appears as massive zones and in hair line fractures; highly siliceous in places, white silica occurs in ground mass and in veinlets 10mm to 1mm wide, $\approx 50^{\circ}$ to C.A. ; also have black silica in hairline fractures cross cutting white silica veins; hematite occurs in veins and in massive sections and contains disseminated and sub-hedral crystals of pyrite; rock weakly magnetic in									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		places; fine grained disseminated pyrite and sub-hedral crystals of pyrite present throughout section.	835	08	36	39	3			0.012	
			835	09	39	42	3			0.004	
		36.8-37.4 massive serpentine alteration.	835	10	42	45	3			0.001	
		37.4-39.0 hematite veining									
		39.8-40.2 stretched plag. crystals.	835	11	45	48	3			0.004	
		43.5-44.2 interlayered mafic flows and sediments.									
		48.0 $\frac{1}{4}$" white quartz vein $\simeq 50^{\circ}$ to C.A.	835	12	48	51	3			0.013	
		50.8-51.3 abundant hematite alteration	835	13	51	54.1	3.1			0.003	
53.8	54.1	Pink Granite Dyke									
54.1	55	Altered Mafic Volcanics - light green to greenish black highly altered and sheared mafic volcanics; section appears layered $\simeq 45^{\circ}$ to C.A. possibly interlayered flows and sediments large scale epidote- serpentine alteration; hair line fractures parallel to layering contain black silica; hematite veinlets parallel and cut across layering; 1mm-2mm veins of white quartz and plagioclase common; finely disseminated pyrite present in hematite veinlets and in ground mass; subhedral crystals of pyrite scattered throughout core.	835	14	54.1	57	2.9			0.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON checks
55.0	55.5	badly broken core; altered mafic volcanics and pink granite fragments.									
55.5	57.0	Altered Mafic Volcanics 55.5 to 56.0 - epidote- serpentine rich altered mafic volcanics; contains veinlets of black silica and hematite; have ½" wide zone of plagioclase altering to epidote; moderately silicified; minor disseminated pyrite ≈1% in groundmass and veinlets. 56.0-57.0 - black moderately silicified massive basaltic flows; minor epidote alteration; minor hematite veinlets.									
57.0	58.0	Silicified Mafic Volcanics light grey; silicious mafic volcanics; core appears brecciated; 60-70% silica replacement; 3-5% subhedral crystals of pyrite; trace calcite alteration in veinlet oxidation halos appear around some pyrite crystals; rock very hard.	835	15	57	60	3			0.124	.084
58.0	60.0	Mafic Volcanics - dark green to black fine grained basaltic flows; minor epidote alteration in places; numerous									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
										AU	
		veinlets contain black silica and/or calcite; moderately silicious; minor hematite									
		59.2-59.4 pink granite dyke									
		59.8-60.0 pink granite dyke									
60.0	70.0	Massive Basaltic Flows									
		- black, fine grained basaltic flows; massive, cut by numerous veinlets of calcite; have sections with subhedral ≈1mm size plagioclase crystals; also have zones which are moderately silicious; trace pyritein veinlets 1%; minor zones of epidote-serpentine alteration; numerous veinlets of black silica present.									
		64.8 1/8" ankerite veinlet with ≈4% subhedral pyrite crystals.	835	17	63	66	3			<.001	
		69.0-69.6 highly altered and sheared; 70-80% epidote-serpentine alteration; appears brecciated; up to 3% pyrite in veinlets vuggy calcite and hematite veins containing subhedral crystals of pyrite ≈1-2mm.	835	18	66	69	3			0.005	
		69.6-70.0 more silicious basaltic flow.	835	19	69	74	5			0.002	
70	71	Pink Granitic dyke containing black mafic phenocrysts; also fragments of mafic volcanics; core badly broken.									

DIAMOND DRILL RECORD

NAME OF PROPERTY. _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON	ASSAYS
												Checks
71	90	Massive Basaltic Flows - dark grey to black, fine grained basaltic flows, rock very calcareous; occurs in hairline fractures and in ground mass; sections completly sheared andd appear almost brecciated. Fine grained disseminated pyrite and subhedral crystals are common ≃1-4% with fractures; fine grained hematite occurs in several fractures; rock moderately magnetic in places; several fractures are vuggy; subhedral plagioclase crystals visible in places; also have subhedral mafic minerals, both ≃1-2mm in size; epidote alteration occurs along some fractures;										
		74.6 - 3-5% pyrite in calcite vein, minor hematite.	835	20	74	77	3			0.110		.111
		74.8-75.4 - core highly fractured, appears brecciated; 1-3% pyrite.										
		77.0 - ½" wide zone of carbonate, hematite and black silica, ≃45° to C.A.	835	21	77	80	3			<.001		
		79.1-79.2- 1" wide zone of hematite, calcite, silica pyrite.										
		80.4-80.6- epidote alteration, black silica cross cutting calcite veins, minor hematite,	835	22	80	84	4			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		1% pyrite.									
		81.3 - $\frac{1}{2}$" wide white quartz vein, minor pyrite									
		84.0-87 - numerous zones of fine grained magnetite and hematite up to 3% disseminated pyrite.	835	23	84	87	3			0.002	
		88.4-90 - numerous fracture zones with silica, hematite calcite; up to 5% pyrite (subhedral); rock appears brecciated in places.	835	24	87	90	3			0.081	
90	93.4	Pink colored granite probably Garrison stock; abundant subhedral plag crystals 1-2mm in size; also some sections contain subhedral mafic minerals; several fractures infilled with clear quartz and contain up to 3% subhedral pyrite crystals in places; section appears to be plag rich section of Garrison stock; contact with basaltic flow $\simeq 30^{\circ}$ to C.A.	835	25	90	93.4	3.4			0.005	
93.4	101	Massive Basaltic Flows - similar to above, contains numerous zones of hematite, calcite alteration, moderately magnetic; stringers composed of granite $\simeq \frac{1}{4}$" wide common; up to 3% disseminated pyrite in places, highest values in hematite rich alteration zones; numerous	835	26	93.4	98	4.6			0.001	
			835	27	98	101	3			0.066	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON Checks
		fractures infilled with calcite. 94.3-94.6 - hematite rich alteration zone.									
101	106.5	Pink colored granite, Garrison Stock, drill hole cuts in and out of stock and mafic volcanics; granite has numerous ¼" to 1" fractures infilled with silica and mafic volcanic fragments; pyrite occurs in these fractures and ranges up to 10%, trace amounts in granite ground mass; where volcanics intrude granite, rock appears fractured and brecciated, also contains up to 10% pyrite; pyrite occurs as finely disseminated and as subhedral crystals up to 2mm in size; volcanics are moderately to highly magnetic, host minerals fine grained hematite and magnetite; both rock types highly silicious.	835	28	101	104	3			0.048	0.041
			835	29	104	106.5	2.5			0.069	
106.5	109.7	Mafic Volcanics - light grey to black silicious mafic volcanics; rock appears to be lense of mafic volcanic rock enclosed by Garrison Stock; rock appears relatively coarse grained and highly silicious; numerous hairline fractures infilled with white silica; also a few larger fractures ≈1 to 10mm infilled with silica; have fine grained hematite in several zones, generally									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		∠2.5 cm in width; pyrite (1-3%) in subhedral crystals and finely disseminated in groundmass and hematite alteration zones.									
		108.0-108.25 - hematite and silica rich zone, weakly magnetic.	835	30	106.5	109.7	3.2			0.008	
		109.7 - contact between mafic volcanics and Garrison Stock ≃35° to C.A.									
109.7	111	Pink granite- Garrison Stock - same as above	835	31	109.7	111	1.3			0.002	
111	112	Mafic Volcanics									
		- mafic volcanic lense enclosed by Garrison Stock, similar to above; highly fractured by numerous hair fractures infilled with white silica; ≃6" zone containing fine grained hematite; finely disseminated pyrite up to 1% in places; black silica infills some fractures; rock highly silicious.	835	32	111	112	1			0.004	
112	123.7	Pink Granite - Garrison Stock									
		- coarse grained contains subhedral plagioclase	835	33	112	117	5			0.063	
		phenocrysts 1-3mm in size; also contain mafic	835	34	117	121	4			0.005	
		phenocrysts in places; some sections very silicious;	835	35	121	124	3			0.002	
		finely disseminated pyrite throughout ≃1% and up to 3% in some quartz veinlets.									
123.7	125	Massive Basaltic Flow - intermixed with pink granite-	835	36	124	129	5			<.001	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
125	145	Massive Basaltic Flows - fine grained black basaltic flows; massive; moderately silicious; 1-2mm subhedral crystals of plagioclase differentiating out of flows; numerous hairline fractures infilled by white silica; sections of core are calcareous; alteration zones 3mm-10mm in size and composed of fine grained hematite, calcite and silica are common, however no large scale alteration; up to 2% pyrite in alteration zones and minor amounts of disseminated pyrite in groundmass.									
		131.5-131.8 - 10mm wide, hematite, calcite and silica vein; moderately magnetic.	835	37	129	134	5			0.002	
		133.9 - $\frac{1}{4}$" black silica and calcite vein with 1% pyrite	835	38	134	139	5			<.001	
		140.6-141.4 - epidote alteration in hairline fractures.	835	39	139	142	3			<.001	
		142.5-142.8 - alteration zone, composed of calcite, hematite, epidote, black silica; vuggy in appearance; up to 2% pyrite in subhedral crystals.	835	40	142	145	3			<.001	
		144.0-144.7- zone of epidote- serpentine alteration; minor amount hematite; moderately magnetic									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON Checks
		in places; black silica infill hairline fractures.									
145	154	Core not recovered.									
154	155.3	Altered Basaltic Flows - greenish grey to black, fine grained highly altered and sheared massive basaltic flows; rock sheared and brecciated; massive epidote - serpentine alteration; core has been silicified; everything all mixed up; massive disseminated and subhedral pyrite 5-10%; halo's occur around some pyrite crystals; rock is calcareous in places; minor amount of hematite alteration; slightly magnetic; blebs of plagioclase altering to epidote common; hairline fractures infilled with black silica common;	835	41	154	155.3	1.3			<.001	
155.3	169.3	Massive Basaltic Flows Black, fine grained massive flows similar to above; several ½" hematite and calcite alteration zones present; core moderately calcareous; 1 to 2 mm subhedral crystals of pyrite common; up to 2% finely disseminated pyrite throughout core; hairline fractures common and infilled with calcite and silica; black silica hairline	835	42	155.3	159	3.7	.014			
			835	43	159	164	5	.376		.402	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		fractures cross cut calcite filled fractures;									
		160.7 ½" white quartz vein with minor pyrite.									
		161.1 ½" white quartz vein with minor pyrite.									
		subhedral pyrite crystals found infilling many of the hairline fractures.									
		166.5-165 - moderate epidote alteration; hematite and calcite veining common; blebs of pyrite present; slightly magnetic, black silica infills some fractures.	835	44	164	169.3	5.3			0.002	
169.3	171.0	Altered Basaltic Flows - light grey to black, moderately altered basaltic flows blebs of plagioclase differentiating out and altering to epidote; blebs of quartz common; have large amount of fine grained magnetite, ≈30% and minor amounts of hematite; strongly magnetic; core moderately to highly sheared; minor amount of calcite present in fractures; rock very silicious; silica in ground mass and hairline fractures; finely disseminated pyrite ≈ 1% throughout core.	835	45	169.3	171	1.7			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
171	173.7	Massive Basaltic Flows similar to above; several ½" zones containing hematite, calcite, quartz and up to 2% subhedral pyrite; finely disseminated pyrite throughout core ≃ 2-3%; minor zones containing epidote alteration; moderately magnetic.	835	46	171	173.7	2.7			<.001	
173.7	174.5	Altered Basaltic Flows similar to above; 10-20% fine grained magnetite, 1-2% hematite; epidote alteration common; calcite in fractures and parts of groundmass; strongly magnetic; 2-3% finely disseminated pyrite.	835	47	173.7	174.5	0.8			<.001	
174.5	177	Massive Basaltic Flows similar to above; 1-3% finely disseminated pyrite; minor epidote alteration; moderately magnetic.	835	48	174.5	177	2.5			<.001	
177	177.6	Altered Basaltic Flows similar to above; 6" wide zone containing fine grained magnetite and some hematite; moderately magnetic; ½" hematite rich, felsic dyke cuts core at 60° to C.A									
177.6	186	Massive Basaltic Flows similar to above; moderately magnetic; calcite infilling of hairline fractures; minor epidote alteration.	835	49	177	182	5			0.007	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		180.4-180.5 - silicified zone, moderately brecciated white silica main infilling; black silica in hairline fractures cross cut brecciation; 1-2% pyrite.	835	50	182	186	4			<.001	
186	190	Core badly broken, jammed in core barrel appears to be massive basaltic flows with occasional 1" wide alteration zones; trace pyrite. * Cut out of core barell using torch.	835	51	186	190	4			0.006	
190	200.7	Massive Basaltic Flows, similar to above; moderately magnetic; trace to 1% pyrite; calcite infilling fractures;	835	52	190	195	5			<.001	
			835	53	195	200	5			<.001	
200.7	201.6	Silicified Basaltic Flows, rock moderately magnetic; vuggy in places; white silica main infilling material however black silica infills smaller hair line fractures; pyrite occurs along fractures and lining vugs ranges from 2-5%.	835	54	200	203	3			0.004	
201.6	223.4	Massive Basaltic Flows- similar to above; moderately magnetic, numerous small 1" wide alteration zones, containing hematite, quartz and epidote.	835	55	203	208	5			<.001	
			835	56	208	213	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 16

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		hairline fractures infilled with calcite; numerous section appear a light grey color, more silicious; several ¼" wide 2-3" long clear quartz veins containing 1% pyrite; disseminated pyrite 1% through out section.	835	57	213	218	5			<.001	
			835	58	218	223.4	5.4			<.001	
223.4	241	Altered Basaltic Flows similar to above, high degree of alteration and shearing, large scale silicification , moderate epidote alteration; large blebs approx 1" 2" composed of silica; rock highly fractured appears brecciated in places; have hematite alteration throughout ranging from moderate to high; black to silica hairline fractures cross cut silicified sections, finely disseminated pyrite throughout in ground mass and veinlets; ranges from 1-5%; also have subhedral pyrite crystals; core vuggy in places; some sections are moderately calcareous; also calcite in hair line fractures; core weak to moderately magnetic;	835	59	223.4	226	2.6			<.001	
			835	60	226	229	3			<.001	
			835	61	229	232	3			0.003	
			835	62	232	235	3			0.003	
			835	63	235	239	4			<.001	
			835	64	239	241	2			0.017	
		* only 50% of core recovered.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON	
241	251	Silicified Basaltic Flows - rock moderate to highly silicified; moderate to highly sheared in places; rock brecciated in places; only see minor amounts of hematite and epidote alteration; silicification main alteration type; section contains up to 10% disseminated and subhedral crystals of pyrite; abundant hairline fractures throughout section infilled with white silica; rock not as highly altered as preceeding section.	835	65	241	244	3			0.005		
		245.2-245.6 - 4" wide zone of mainly white granitic material.	835	66	244	247	3			0.033		0.057
		249.2-249.6 - 4" wide zone of silica and hematite alteration; 250.3 ½" quartz vein.	835	67	247	249	2			0.085		
			835	68	249	251	2			0.081		
251	264.3	Massive Basaltic Flows - similar to above; calcite alteration common in places; trace disseminated pyrite; moderate to highly magnetic; minor hematite alteration in places.	835	69	251	256	5			0.002		
			835	70	256	261	5			<.001		
			835	71	261	264.3	3.3			<.001		
		263.5 ½" quartz vein with hematite alteration ≃50° to C.A. 263.9 ½" quartz vein with hematite alteration ≃50° to C.A.	835	72	264.3	267	2.7			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 18

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
264.3	272.2	Altered Mafic Tuff(?) 1-3mm subangular to angular mafic fragments set in a reddish green matrix; reddish tint due to presence of fine grained hematite ≃10% ; numerous hairline fractures infilled with white silica; rock moderately silicious; black silica in hairline cross cut other fractures; section not magnetic; fine disseminated pyrite throughout section and in fractures ≃1 to 3%.	835	73	267	272	5			<.001	
272.2	274.7	Altered Basaltic Flows; massive basaltic flows fractured and silicified; infilled by white silica and hematite, possibly intrusive material. up to 1% pyrite in subhedral crystals occupying fractures; also small zones of up to 5% disseminated pyrite; rock not magnetic.	835	74	272	274.7	2.7			<.001	
274.7	284.2	Altered Basaltic Flows; highly altered basaltic flows however not as silicified as precceding section; more epidote alteration; rock very green in places; several small granitic zones present; rock moderately magnetic in places; calcite occurs as infilling in fractures, and as blebs in epidote alteration areas; moderate hematite	835	75	274.7	280	5.3			<.001	
			835	76	280	284	4			0.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 19

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		alteration present; trace to 1% disseminated pyrite.									
284.2	286	Massive Basaltic Flows - minor amounts of epidote alteration; calcite infills fractures; trace to 1% disseminated pyrite; rock very magnetic.	835	77	284	286	2			<.001	
286	300	Altered Basalt Flows; massive basaltic flows which undergone varying amounts of alteration, mixed with sections of relatively unaltered basaltic flows; rock moderately silicious; veins and blebs of quartz common; appear to have several 6" to 12" zones of granitic intrusive material; rock is calcareous in places; pyrite occurs in fractures and disseminated throughout section, trace to 3%. Some portions display moderate epidote alteration; also minor hematite alteration in places.	835	78	286	291	5			0.006	
		288.4-289.1 Pink granitic dyke with 1-2mm subhedral mafic phenocrysts.	835	79	291	295	4			<.001	
		292-293 section contains mixture of basaltic flows and granitic material.	835	80	295	300	5			0.008	
		295.0-295.3 10% disseminated pyrite, 1% hematite.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 20

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
300	301	White Quartz Vein - contains minor amount mafic volcanic material; trace pyrite.	835	81	300	301	1			0.005	
301	325	Massive Basaltic Flows - massive basaltic flows with numerous 1" to 6" zones of alteration, alteration appears to be related to quartz veins and quartz rich zones; alteration mostly silicification, however hematite and calcite alteration present; pyrite occurs in subhedral crystals and in disseminated form and ranges from : trace to 3% with best values around quartz rich areas; core weakly to strongly magnetic.	835	82	301	304	3			0.033	
			835	83	304	307	3			0.002	
			835	84	307	310	3			0.002	
			835	85	310	313	3			<.001	
			835	86	313	317	4			.003	
			835	87	317	320	3			<.001	
			835	88	320	325	5			<.001	
		303.0-303.9 - quartz vein; large blebs of hematite, fine grained pyrite ≃5%; calcite in fractures.									
		304.8 - 1" zone of quartz rich material, 3% disseminated pyrite.									
		305.6-305.7 - hematite and epidote zone; very calcareous.									
		307.5-307.8 - zone of hematite, epidote and silica alteration; 5% disseminated pyrite.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 21

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
										AU	
		311.7-312 - quartz vein and 1" wide zone of pure pyrite and hematite.									
		318.2-318.4- zone of epidote, hematite and silica alteration; up to 5% pyrite;									
		319.4-319.6 - moderate epidote alteration; 1-2% disseminated pyrite in fractures.									
		323.0-324.5- minor epidote alteration; calcite infilling fractures; subhedral pyrite in fractures, 1-3%, minor amounts of hematite.									
325	338.5	Altered Mafic Volcanics- fine grained light grey to greenish grey altered mafic volcanics; approx 75% of core altered; remaining core massive mafic volcanics; 1-2mm blebs of black silica common; core is calcareous and moderately silicious; epidote alteration common; sections of core appear to be mixture of mafic volcanics and granitic material; core very magnetic; moderate amount of hematite throughout core; several ½" quartz veins present (white quartz); also have black silica in hairline fractures cross cutting core; calcite infills hair line fractures; coarse pyrite in subhedral crystals 2-5mm common; also	835	89	325	328	3			0.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 22

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON Checks
		finely disseminated pyrite; pyrite mostly infilling fractures 4-6%, although trace to 1% disseminated pyrite in ground mass.									
		328.0-328.1 - 1" quartz vein ≈35° to C.A.	835	90	328	331	3			0.004	
		330.1-330.3 - quartz surrounded by 1" of fine disseminated pyrite.	835	91	331	334	3			0.002	
		36.6-37.7 - mixture mafic volcanics and granitic material.	835	92	334	337	3			0.003	
338.5	347.6	Altered Mafic Tuff - continuation of alteration zone however host rock appears to be mafic tuff; light grey to green; 1-3mm in size, subangular to angular white feldspar crystals set in dark green to black matrix; 15-25% crystals; much of core mixture of tuff and granitic material; rock very silicious; highly fractured, appears brecciated in places; moderately to highly magnetic however highly silicious zones only weakly magnetic; highly mineralized in places; average is 3-5% pyrite; 6" zone of fine grained hematite ≈ 30% and pyrite; numerous ½" white quartz veins; pyrite occurs in veins and disseminated throughout core; minor amounts of calcite infilling of fractures.	835	93	337	340	3			0.010	
			835	94	340	343	3			0.036	0.036
			835	95	343	346	3			0.02	
			835	96	346	347.6	1.6			0.009	
		341.0-341.6 - 6" zone of fine grained hematite									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 23

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ. TON
		and pyrite mixed up with several white quartz veins.									
		343.2-343.4 - several $\frac{1}{8}$" white quartz veins; some contain subhedral and disseminated pyrite									
		346.0-346.2 - 2" wide vein of quartz rich granitic material.									
347.6	375	Granite - Garrison Stock - light pink colored;	835	97	347.6	352	4.4			<.001	
		1-3mm subangular to angular mafic phenocrysts;	835	98	352	357	5			0.039	
		1-2mm subhedral white plagioclase phenocrysts;	835	99	357	362	5			0.002	
		numerous $\frac{1}{4}$" to 1" white to clear quartz veins	836	00	362	367	5			0.004	
		cut granite; average $\simeq 45^{\circ}$ to C.A.; trace to 1%	836	01	367	372	5			0.005	
		pyrite throughout granite; a few veins have	836	02	372	375	3			0.019	
		subhedral crystals of pyrite in them; numerous 1" -3" zones of mafic volcanics seen in granite; these zones carry 1% pyrite.									
375	388.6	Mafic Volcanics - lense of volcanic material	836	03	375	381	6			<.001	
		within Garrison Stock; appears to be mixture of	836	04	385	388	3			<.001	
		flow and tuff; mafic fragments and small white feldspar crystals can be seen in places; rest of volcanics are massive; part of section contains zones of pink granite; trace to 1% pyrite in zones; minor epidote alteration; moderately silicified; mafic rocks moderately magnetic.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 24

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		* note 381-385 core last, ground by drillers.									
388.6	410.5	Granite - Garrison Stock - same as above- trace to 1% pyrite.	836	05	388	393	5			<.001	
		405.0- 405.7 - lense of mafic volcanic.	836	06	393	398	5			0.001	
		406.4-407.0 - lense of mafic volcanics.	836	07	398	402	4			<.001	
		407.4-410.5 - mixture granite and mafic volcanics.	836	08	402	407	3			0.002	
			836	09	407	410.5	3.5			<.001	
410.5	439.2	Interlayered Mafic Flows and Tuffs- light grey to black, fine to medium grained mafic volcanics; majority of core appear to be massive mafic flows however; many zones contain 1mm size mafic phenocrysts and 1-2mm subangular phenocrysts of white feldspar; sections containing a mixture of granitic and mafic volcanic material common; layering can be seen in places; rock is slightly to moderately magnetic; minor amounts of epidote and calcite alteration; occasional quartz and calcite filled fractures; pyrite mainly occurs in fractures 1-3% however sections containing finely disseminated pyrite, trace to 1% are common.	836	10	410.5	415	4.5			<.001	
			836	11	415	420	5			<.001	
			836	12	420	425	5			<.001	
			836	13	425	430	5			<.001	
			836	14	430	435	5			<.001	
			836	15	435	439.2	4.2			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 25

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON Checks
439.2	440.6	Altered Mafic Volcanics Mafic volcanics cut by a hematite, calcite and silica vein, epidote alteration surrounding vein; mafic volcanics weakly magnetic; vein vuggy in places; finely disseminated pyrite in volcanics 1-3% trace amounts in vein; volcanics appear to have some granitic material mixed in with them.	836	16	439.2	440.6	1.4			<.001	
440.6	456.6	Intercalated Mafic volcanic flows and tuffs; similar to above; rocks appear almost intrusive however probably due to presence of Garrison Stock; can see 1-2mm subangular mafic minerals in core; occasionally see 1-2mm white feldspar phenocrysts; pyrite generally in fractures as subhedral crystals although occasional disseminated sections present, trace to 1%; massive volcanic strongly magnetic; sections of more granitic volcanics weakly magnetic; appear have mixture tuff and flow.	836	17	440.6	445	4.4			0.009	
			836	18	445	450	5			<.001	
			836	19	450	455	5			<.001	
			836	20	455	456.6	1.6			<.001	
456.6	474	Mafic volcanics intermixed with granitic material; 60% mafic volcanics 40% granitic material; mafic volcanics appear intrusive in places; mafic volcanics appear to be mostly flows with some tuffs; granitic material is probably from Garrison Stock;	836	21	456.6	461	4.4			0.008	0.036
			836	22	461	466	5			0.002	
			836	23	466	470	4			0.032	
			836	24	470	474	4			0.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 26

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON Checks
		volcanics stringly magnetic; pyrite is generally found in fractures between granitic and volcanic material; also have disseminated pyrite in mafic volcanics, trace to 3%; several granitic zones appear felsic rich, i.e. have pink to red color; minor epidote and calcite alteration in places; volcanic very silicious around granitic sections; minor fracturing of rock, fractures infilled with calcite and white quartz.									
474	495	Altered Mafic Volcanics; appear to be altered basaltic flows; highly sheared and moderately altered; numerous zones of granitic material; rock very silicious in places; rock appears layered in places; zones of hematite alteration, rock weakly magnetic in spots; plagioclase forming blebs surrounded by epidote; strong epidote alteration in places; several small potassium feldspar rich zones; epidote appears to bleach out in places forming pale green halos; pyrite in fractures and veins; trace to 5% ; trace to 1% disseminated pyrite in groundmass; parts of core appear to be tuff; small pockets of diabasic textured volcanics contain 1-2mm laths of white feldspars.	836	25	474	477	3			<.001	
			836	26	477	480	3			<.001	
			836	27	480	483	3			<.001	
			836	28	483	486	3			<.001	
			836	29	486	489	3			<.001	
			836	30	489	492	3			0.024	0.026
			836	31	492	495	3			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 27

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
495	498	Mafic Volcanics - slightly altered mafic volcanics- appear to be flows with minor tuffs; minor epidote alteration, minor zones of granitic material; core weakly magnetic in places.	836	32	495	500	5		<	.001	
498	500	Pink color granite - (Garrison Stock) - appear to be back into stock.									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY - GARRISON
HOLE NO. PRI-G-88-2 LENGTH 245ft
LOCATION
LATITUDE 4+00N DEPARTURE 0+00W
ELEVATION AZIMUTH Grid South DIP 50°
STARTED Jan 20/88 FINISHED Jan 24/88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PRI-G-88-2
HOLE NO. _____ SHEET NO. 1
REMARKS

LOGGED BY R. Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	14	Casing									
14	26	Black fine grained massive mafic volcanics; appear to be basaltic flows; rock moderately silicious in places; calcite infilling micro-fractures; rock moderately magnetic; numerous 1' wide alteration zone present; numerous ½" quartz vein present; finely disseminated pyrite infills micro fractures; small zones of epidote, hematite and fine grained magnetic throughout section; core very blocky.									
		15.0-15.2 - ½" quartz vein; strong epidote alteration core moderately sheared.	836	33	14	17	3			.005	
		16.0-17.0 - strongly sheared and altered; very silicious moderate epidote alteration; iron oxide staining; possible kimberlite dyke	836	34	17	20	3			.004	
		18 to 19 moderate epidote alteration, plagioclase fragments iron stained and appear to be altering to epidote; rock highly sheared moderately silicious;	836	35	20	23	3			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		pyrite infilling fractures 2-5%; black silica cross cutting zone; possibly several 1" wide kimberlite dykes.										
		24 & 25 strong epidote alteration; rock moderately sheared; black silica infilling fractures; moderately to strongly magnetic; moderately calcareous; moderate sulphide staining; 2-5% disseminated pyrite.	836	36	23	26	3			.003		
26	28	Quartz rich zone; several 2-3" quartz veins present; rock highly sheared; fragments of basalt in quartz veins; finely disseminated pyrite throughout 3-5%; not magnetic; rock very silicious; veins at 45° to C.A.; finely disseminated weathered hematite present;	836	37	26	28	2			.015		
		minor sulphide staining.										
28	40	Dark grey to black mafic volcanics; zones of lighter colored volcanics appear to be plagioclase rich; a few small zones of epidote alteration present; trace pyrite throughout section, up to 1% in micro veins.	836	38	28	33	5			.002		
		33.1-33.5 - zone of epidote alteration; large 1" blebs of plagioclase altering to	836	39	33	37	4			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		epidote; also several iron oxide stained blebs of plagioclase.									
		38-39 - ¼" feldspar rich vein of granitic material; black silica branching off of vein; pyrite in both vein types; 1-3%.	836	40	37	40	3			<.001	
40	43.0	Altered Mafic Volcanics - highly altered, moderately sheared mafic volcanics strong epidote and hematite alteration; rock very silicious 2" white quartz near end of section, several other ½" quartz veins present; rock moderately to strongly magnetic; black silica veinlets cross cut alteration zone; appear to have fine grained magnetite mixed with hematite; hematite rich sections have finely disseminated pyrite in them 3-8%; epidote rich zone have very little pyrite.	836	41	40	43	3			0.034	
43	61	Black fine grained mafic volcanics; similar to above; numerous micro fractures ≈45° to C.A.; scattered subhedral crystals of pyrite; trace to 1% disseminated pyrite throughout section; several 1" wide zones of epidote alteration.	836	42	43	48	5			.007	
			836	43	48	53	5			<.001	
		59.4 and 59.6 - ½" veins of granitic material.	836	44	53	58	5			<.001	
			836	45	58	61	3			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
61.0	62.5	Altered mafic volcanic flows; similar to above; silica rich flows; a 3" quartz and numerous smaller ones $\simeq 45^{\circ}$ to C.A.; strong hematite and moderate magnetite alteration; appear to have potassium feldspar staining around several of the quartz veins; pyrite throughout section in veins and ground mass 3-5% ; rock weakly to moderately magnetic; calcite infilling micro fractures; black silica micro veins present in places.	836	46	61	62.5	1.5			0.074		
62.5	72.3	Dark grey to black fine grained mafic volcanics;- similar to above; lighter colored sections appear to be plagioclase rich; trace to 1% pyrite; several 1" zones of epidote and hematite alteration;	836	47	62.5	67	4.5			0.008		
		66.3-66.4 - white colored granitic dyke.	836	48	67	72.3	5.3			<0.001		
		70.0-71 - mixture mafic volcanics and pink granitic material; granitic material contains quartz, plagioclase and pink feldspar phenocrysts 1-3mm in size; also contains biotite phenocrysts 1-2mm in size.										
		71-72 - alteration zone; plagioclase altering to epidote in several $\frac{1}{2}$" veins; veins have some quartz and pink feldspar										

DIAMOND DRILL RECORD

NAME OF PROPERTY_____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		material in them; finely disseminated pyrite throughout 1-3%; weakly to moderately magnetic.									
72.3	75.0	Pink granite (Garrison Stock) - coarse grained pink colored granite; quartz, plagioclase, pink feldspar phenocrysts 2-4mm; up to 10% mafic phenocrysts 1 to 2mm in size; several ½" white quartz veins cut section; trace pyrite in veins and blebs; contact with mafic volcanic ≈30° to C.A.	836	49	72.3	75	2.7			0.002	
75.0	78.8	Mafic volcanics similar to above; several 1" wide zones contain elliptical shaped blebs of plagioclase altering to epidote; parts of section appear lighter in color due to plagioclase enrichment; alteration zones appear layered ≈50° to C.A.; trace to 1% pyrite.	836	50	75	78.8	3.8			0.002	
78.8	79.4	Pink Granite - Garrison Stock similar to above.	836	51	78.8	81	2.2			0.004	
79.4	83.2	Altered Mafic Volcanics- light grey to black mafic volcanics; most of section strongly silicified moderately sheared; possibly rock is a crystal tuff however silification has destroyed internal structurals; have 1-2mm long by 0.5mm wide mafic phenocrysts present; several zones appear to	836	52	81.0	83.2	2.2			0.005	

DIAMOND DRILL RECORD

NAME OF PROPERTY. _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		contain granitic material; several small zones of plagioclase- epidote alteration present; minor amount of felsic material present; finely disseminated pyrite throughout, trace to 2%.									
83.2	88	Pink Granite -Garrison Stock - similar to above; contain several 1" zones of mafic volcanic material;	836	53	83.2	88	4.8			<.001	
88	89.3	Alter Mafic Volcanics- similar to 79.4-83.2; silicified; moderate epidote alteration; contains mafic phenocrysts; possibly a tuff; trace to 1% finely disseminated pyrite.	836	54	88	90	2			0.001	
89.3	90	Pink Granite - Garrison Stock									
90	93	Black fine grained, massive mafic volcanics; probably basaltic flows; moderately silicified; contains very few hairline fractures; finely disseminated pyrite, trace to 1%; rock not magnetic.	836	55	90	93	3			<.001	
93	108.9	Black fine grained, mafic tuff; 1-3mm angular to subangular plagioclase crystals set in a fine grained matrix; calcite infills hairline fractures rock is massive; several sections of pink granite present; tuff more silicious here; moderate hematite alteration around granitic	836	56	93	98	5			0.002	
			836	57	98	101	3			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		material ; finely disseminated pyrite throughout section trace to 1% ; rock not magnetic;									
		102.8-103 - alteration zone, moderate epidote and hematite alteration, 1-2% disseminated pyrite.	836	58	101	104	3			0.002	
		103.2-104.2 - pink granitic dyke; dyke cut by a series of white quartz veins ≃50° to C.A.; bracciation from 104.0-104.2; trace pyrite.									
		105.0-105.4 - numerous ¼" quartz veins rimmed by hematite and calcite.	836	59	104	105.5	1.5			0.086	
		106.4-106.8 - moderate epidote alteration; finely disseminated pyrite 1-3%.	836	60	105.5	108.9	3.4			0.005	
		107.3-107.6 - mixture of quartz veins, granitic dyke and fine grained hematite; pyrite infilling some of the veins 3-5%.									
108.9	117.8	Pink Granitic (Garrison Stock) - coarse grained, pink colored granite; 2mm-4mm phenocrysts; composed of potassium feldspar, plagioclase and quartz; up to 15% mafic phenocrysts 2mm-5mm in size, appear to be biotite and hornblende; numerous	836	61	108.9	113	4.1			0.002	
			836	62	113	118	5			<.001	
			836	63	118	123	5			<.001	
			836	64	123	128	5			0.002	
			836	65	128	133	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		¼" white quartz vein cut core at ≃ 60° to C.A.; trace pyrite present in places; small zones of mafic material common; mafic fragments common; rock appears zoned; some sections more mafic than others.; hematite veining present in a few places; several 2" black and white granitic dykes cut section.	836	66	133	139	5.6			<.001	
			836	67	139	144	5			0.002	
			836	68	144	149	5			0.001	
			836	69	149	154	5			<.001	
			836	70	154	159	5			0.001	
			836	71	159	164	5			0.002	
			836	72	164	169	5			0.003	
			836	73	169	174	5			0.005	
217.8	224.6	Mafic Volcanics; appear to be a fine grained mafic tuff; appear to have 1mm poorly developed plagioclase phenocryst in a fine grained ground mass plagioclase altering to epidote; rock massive; no layering seen; numerous 1/8 to ¼" quartz veins and pink feldspar rich quartz veins; several 1" dykes of granitic material ≃60° to C.A.; minor amounts epidote alteration; trace to 1% disseminated pyrite.	836	74	174	179	5			0.003	
			836	75	179	184	5			0.001	
			836	76	184	189	5			<.001	
			836	77	189	194	5			0.002	
			836	78	194	199	5			<.001	
			836	79	199	204	5			<.001	
			836	80	204	209	5			<.001	
			836	81	209	214	5			<.001	
			836	82	214	217.8	3.8			<.001	
224.6	226.6	Pink Granite, similar to above . Contact with mafic volcanics ≃60° to C.A.	836	83	217.8	221	3.2			<.001	
			836	84	221	224.6	3.6			<.001	
			836	85	224.6	226.6	2			<.001	
226.6	229.7	Mafic Volcanics similar to section 217.8-224.6; rock slightly coarser grained; appear to be a massive tuff however could be mixture of tuff and fine grained diabasic textured volcanics; massive	836	86	226.6	229.7	3.1			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		contains only minor amounts of epidote alteration; trace to 1% disseminated pyrite.								AU	
229.7	245	Pink Granite - Garrison Stock									
		- trace pyrite throughout;	836	87	229.7	235	5.3			0.002	
		232.2-233.0 - mafic volcanics fine grained with small blebs of plagioclase; ½" granitic dyke cuts through section; trace to 1% pyrite.	836	88	235	237.3	2.3			<.001	
		237.3-238.2 - Mafic volcanics light grey green; lighter color due to silicification;	836	89	237.3	238.2	0.9			0.009	
		moderate epidote alteration; up to	836	90	238.2	241	2.8			0.002	
		10% disseminated pyrite in places;	836	91	241	245	4			0.002	
		sections appear plagioclase rich; blebs of black silica throughout section; no preferred orientation.									
245		Drill Rods Broken Off, Hole Abandoned.									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. PRI-G-88-3A LENGTH 135

LOCATION

LATITUDE 5+008 33+15 South DEPARTURE 4+00E

ELEVATION AZIMUTH GRID North DIP 45°

STARTED Feb 1/88 FINISHED Feb 4/88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. G-88-3A SHEET NO. 1

REMARKS Drilling Till Anomaly

LOGGED BY R Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	12	Casing									
12	18	Massive Basaltic Flows - dark green to black, medium to fine grained basaltic flow; appears plagioclase rich; several ½-1" angular plagioclase fragments set in ground mass; plagioclase beginning to alter to epidote; trace pyrite in micro fractures and ground mass. 12 to 16 fine grained dioritic texture due to plagioclase differentiating out.	836	92	12	15	3			<.001	
			836	93	15	18	3			<.001	
18	28	Altered Basaltic Flows - moderate to strong plagioclase alteration; plagioclase altering to epidote in many places; numerous fragments of plagioclase set in a fine grained ground mass; core appears brecciated in places; epidote and plagioclase alteration halos common; several 1" wide zones of epidote and pyrite present, pyrite up to 5%; trace finely disseminated pyrite throughout core; part of core appears vesicular, i.e. core appears slightly vuggy.	836	94	18	21	3			<.001	
			836	95	21	24	3			<.001	
			836	96	24	28	4			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ TON
28	51.8	Massive Basaltic Flows- similar to above- dark green to black, massive mafic volcanics; core cut by numerous hairline to $\frac{1}{4}$" wide veinlets of plagioclase and/or epidote; several 1"-2" wide zones of strong epidote alteration present; trace to 1% disseminated pyrite in plagioclase- epidote veins.	836	97	28	33	5			<.001	
			836	98	33	38	5			<.001	
			836	99	38	43	5			<.001	
			837	00	43	48	5			<.001	
		47 to 48 - massive plagioclase- epidote alteration, core appears brecciated.	837	01	48	51.8	3.8			0.002	
51.8	57	Altered Basaltic Flows - similar to above; strong plagioclase- epidote alteration; fragments of plagioclase common; much of core appears bracciated; finely disseminated pyrite (up to 5%) in small veinlets and mixed in with plagioclase and epidote; sulfide oxidation seen in a few places.	837	02	51.8	55	3.2			<.001	
			837	03	55	57	2			<.001	
57	118.6	Massive Mafic Volcanics - dark green to black fine grained mafic volcanic; core has green tint to it in places, which appears to indicate minor epidote alteration; small oolitic shaped crystals of plagioclase ≈ 1mm size common in places; oolitic shaped crystals altering to epidote in places; $\frac{1}{2}$"-1" fragments of plagioclase common throughout the core; some sections of core appear light grey in color indicating plagioclase enrichment; several	837	04	57	60	3			<.001	
			837	05	60	63	3			<.001	
			837	06	63	66	3			<.001	
			837	07	66	69	3			<.001	
			837	08	69	73	4			<.001	
			837	09	73	78	5			<.001	
			837	10	78	83	5			<.001	
			837	11	83	88	5			<.001	
			837	12	88	93	5			<.001	
			837	13	93	98	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		¼"-½" elliptical zones of plagioclase appear to be reacting with groundmass; i.e. see bleaching affect around zone; trace hematite alteration in areas of epidote alteration; trace pyrite throughout section and up to 2% in plagioclase- epidote rich zones; occasional quartz micro fractures.	837	14	98	103	5			<.001	
			837	15	103	108	5			<.001	
			837	16	108	113	5			<.001	
			837	17	113	118.6	5.6			<.001	
		57-70 - oolitic shaped plagioclase crystals common, occasionally seen in rest of section.									
		104.5-105.0 - 5" zone of strong epidote alteration; core appears bracciated; epidote infilling around fragments of mafic volcanic material.									
		- increase in plagioclase- epidote alteration in microfractures last 10'; minor pyrite in microfractures.									
118.6	130.3	Altered Basaltic Flows									
		- dark green to black basaltic flows moderate to strong plagioclase- epidote veining throughout section; rock weak to strongly sheared; minor to moderate amounts of white quartz mixed in with plagioclase- epidote veining; sections are calcareous; minor amount of black silica in micro fractures; finely disseminated pyrite in plagioclase	837	18	118.6	122	3.4			<.001	
			837	19	122	125	3			<.001	
			837	20	125	128	3			0.002	
			837	21	128	130.3	2.3			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		epidote veins 2 to 5%.									
		120.1 - calcite vein containing mixture of plagioclase - epidote, quartz and finely disseminated hematite; also several angular crystals of hematite; 3% finely disseminated pyrite.									
		126.4-127 - appear to have fault gauge; rock completely epidotized; badly broken up; appear to have black silica veinlets throughout section.									
		129.0 - sand and gravel probably overburden.									
			837	22	130.3	132.5	2.2			<.001	
130.3	135	Crystal Tuff									
		-dark green to black mafic volcanic tuff;	837	23	132.5	135	2.5			<.001	
		1-2mm size rounded feldspar crystals in a fine grained matrix; also numerous ¼"-½" size plagioclase fragments; minor epidote alteration; finely disseminated pyrite in veinlets and blebs, trace to 2%.									
		Hole caved in on drillers; hole abandoned and drill moved 10' South on line.									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. PRI-G-88-3B LENGTH 171 ft
LOCATION
LATITUDE 33+25S DEPARTURE 4+00E
ELEVATION AZIMUTH Grid North DIP 45
STARTED Feb 6/88 FINISHED Feb 9/88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PRI-G-88-3B
HOLE NO. _____ SHEET NO. 1
REMARKS Hole 10' South of PRI-G-88-3A
LOGGED BY R. Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	15	Casing									
15	23	Massive Dioritic Basaltic Flows - fine grained dioritic texture basalt; plagioclase beginning to differentiate; ¼" to ½" plagioclase- epidote fragments common in places; minor amounts of quartz mixed in with plagioclase; sulfide oxidation along fractures; trace disseminated pyrite in places; very little veining present; core badly broken. 15.3 - feldspar rich granitic dyke. 22-23 - numerous plagioclase- epidote fragments.									
23	26.5	Massive Basaltic Flows - black, massive fine grained basaltic flow. - minor veinlets of epidote alteration.									
26.5	29	Brecciated Basaltic Flows - Black, fine grained massive basaltic flow; moderately brecciated; epidote, plagioclase and quartz infilling areas around basaltic fragments; trace to 2% disseminated pyrite in places.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
29	30.9	Massive Basaltic Flows - black, fine grained massive flows; several $\frac{1}{4}$" to $\frac{1}{2}$" plagioclase fragments in section; trace pyrite.										
30.9	33.2	Brecciated Basaltic Flows - fine grained, massive basaltic flows, weakly to moderately brecciated; up to 1" size basaltic fragments with plagioclase, epidote and quartz infilling; trace pyrite. 32.4-32.5 - zone of epidote alteration containing $\frac{1}{4}$" wide vein of weathered sulfides, quartz and plagioclase.										
33.2	50	Massive Basaltic Flows - black, fine grained massive flows, weak to moderate plagioclase, epidote and quartz veining; hairline to $\frac{1}{2}$" in width.; occasional $\frac{1}{4}$" size plagioclase fragments; several 3" zones of epidote alteration; disseminated pyrite occurs occasionaly along plagioclase, epidote and quartz veinlets, trace to 2%; trace pyrite throughout section. 37.9 - 38.1 - zone of epidote alteration, minor brecciation. 41.6-42.1 - zone of epidote alteration. 46.3-46.5 - zone of epidote alteration										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		36.0 - Break in Rock, needed cement.										
50	63.3	Massive Basaltic Flows - dark fine grained massive basaltic flows; contains several 1' wide sections of intense epidote alteration, which appear moderately to strongly brecciated; finely disseminated pyrite and occasional sulfides seen in these zones; rest of section massive with occasional plagioclase-epidote fragments and minor epidote veining; trace pyrite throughout.										
63.3	77	Oolitic Textured Basaltic Flows - dark green to black massive basaltic flows; flows contain oolitic shaped phenocrysts of plagioclase; several 1" to 2" wide zones of epidote in section; minor disseminated pyrite in veinlets (trace to 1%); oolitic shaped phenocrysts of plagioclase die out towards end of section.										
77	121	Massive Basaltic Flows - dark grey to black massive basaltic flows; occasional fragments of plagioclase; lighter colored sections due to plagioclase differentiating out; fine grain dioritic text beginning to develop in places; very little veining; occasional quartz veinlet ¼" wide; minor disseminated pyrite in										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		veinlets; a few small black silica veinlets observed.									
121	134	Altered Basaltic Flows - dark green to black medium grained basaltic flows; intense plagioclase-epidote veining; appears brecciated in places; numerous fragments of plagioclase epidote quartz; weak to moderate epidote alteration in places; plagioclase appears to be differentiating in places leading to development of a faint fine grained dioritic texture; micro fractures are common and have a direction of 50° to C.A.; trace to 2% disseminated pyrite, mostly in veinlets however occasionally in ground mass. 126.9-127.0 - vein of finely disseminated pyrite mixed with epidote ≃10% pyrite.									
134	137	Massive Basaltic Flows; dark green to black massive basaltic flows; moderate plagioclase epidote veining; black silica veinlets cross cut areas of epidote alteration; weak to moderate epidote alteration; in places; trace pyrite. 34.8 - 35.1 - zone of strong epidote alteration; core badly broken, possibly fault gouge.	837	24	134	137	3			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
137	149.8	Crystal Tuff - fine grained mafic volcanic rock with ≃1mm size feldspar fragments; most likely a tuff, however appear to have some flow material in places; larger ¼" to ½" plagioclase fragments are also common; weak to moderate plagioclase - epidote veining; parts of core badly broken, rock appears to be beginning to alter to chlorite in places; trace to 1% disseminated pyrite in veinlets; weak to moderate epidote alteration in places.	837	25	137	142	5			<.001	
			837	26	142	147	5			<.001	
			837	27	147	150	3			<.001	
149.8	170	Altered Basaltic Flow - dark green to black massive basaltic flows; moderate to strong epidote alteration throughout section; intense plagioclase- epidote veining, however rock can not be called breccia; ¼" to ½" plagioclase fragments common throughout; plagioclase has differentiated from rock and then has been epidotized; several 2" veins of epidote, quartz and plagioclase host pyrite, sulfides and minor hematite; finely disseminated pyrite throughout section trace to 1%; black silica veinlets common epidote alteration zones.	837	28	150	155	5			<.001	
			837	29	155	160	5			<.001	
			837	30	160	165	5			0.003	
			837	31	165	168	3			<.001	
		155.4-155.6 - quartz vein with epidote, plagioclase and pyrite crystals.	837	32	168	171	3			<.001	
		160.0-160.1 - epidote, quartz, plagioclase vein.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		161.5 - 161.6 - epidote, quartz, plagioclase vein.										
170	171	Fault Gouge - almost no rock recovered; mostly mud and a few basaltic fragments. -one fragment appears to show epidote beginning to alter to chlorite; drillers couldn't continue to drill due to loss of water; appear to have fault zone; last 20' of core was badly broken in places.										
		Hole abandoned at Approx 171.										

DIAMOND DRILL RECORD

NAME OF PROPERTY GARRISON PROJECT
HOLE NO. PRI-G-88-4 LENGTH 833 feet
LOCATION
LATITUDE ~~5+00S~~ DEPARTURE 4+00E
ELEVATION AZIMUTH ~~Grid North~~ DIP -67°
STARTED Feb 6/88 FINISHED Feb 10/88

Acid Tests

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	66	GridN			
400	65½	"			
600	61	"			
800	60	"			

HOLE NO. G-88-4 SHEET NO. 1A
REMARKS
LOGGED BY L. Paulsen

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		Description starts Next Page										

DIAMOND DRILL RECORD

NAME OF PROPERTY ~~Garrison Project~~

HOLE NO. PRI -G-88-4 SHEET NO. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	16	Casing Overburden									
16	58.5	Diabasic Basalt - homogeneous gr. size; ≤ 1mm.: homogenous texture. - comprised of; plag., hbd., and magnetite. (minor chl and epidote about regional metamorphism); ≤1% diss. sulfides, Py, (Po?) - sulfides occasionally more abundant on fracture faces and minor veinlets. - qtz., carb., epidote, py, magnetite stringers obs.- common. Usually 50° to C.A.	84401		16	21				<.001	
			84402		21	26				<.001	
			84403		26	31				<.001	
			84404		31	36				<.001	
			84405		36	41				0.004	
			84406		41	46				0.002	
			84407		46	51				<.001	
			84408		51	56				0.001	
33.0	34.5	- abundant hairline carb., epidote (Py, mag. fractures)	84409		56	58.5				0.048	
43.2		- qtz, VN and assoc. epidote. minor calcite. ¼"	84410		58.5	61				0.019	
54.0		- qtz. VN with 2% Py. minor calcite ½"									
55.0	56.9	- qtz. carb. epidote. Py. veinlets frequent.									
56.9	58.5	Alteration Zone. (weak alt.) - abundant qtz. py. hem. alteration. - shear foliation obs. and abundant fracturing. - qtz veins(lets) with 5% Py. obs.									
61.0	91.0	Diabasic Basalt (as @ 16') abundant hairline fracture fills, assoc. with 1-3% pyrite (in fractures only).									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
62.5		massive accumulation of coarse gr. py. ½"-3/4" wide and assoc. chl 50° to C.A.	84411		61	66				0.007	
			84412		66	71				0.004	
70.9		qtz vein ¼-1/8" assoc. epidote, py. mag.	84413		71	76				0.005	
71.0		qtz vein ¼-1/8" assoc. epidote, py. mag.	84414		76	81				0.003	
		Epidote calcite qtz py. (magnetite) veinlets about 50° to C.A. at	84415		81	86				0.006	
			84416		86	91				<.001	
		78.5'	84417		91	96				0.002	
		78.7'	84418		96	101				<.001	
		78.9'	84419		101	106				<.001	
		83.9'	84420		106	111				<.001	
			84421		111	116				<.001	
92.0	157.0	Diabasic Basalt (as previous)	84422		116	121				<.001	
		- but, epidote carb., py. alterations are very weak in comparison to shallower diabasic basalt.	84423		121	126				<.001	
			84424		126	131				<.001	
95.5		- minor qtz vn. 60% C.A.	84425		131	136				<0.001	
			84426		136	141				<0.001	
109.0	109.1	- qtz. vn.- assoc. py. and magnetite. 60° to C.A.	84427		141	146				0.002	
		- qtz. vn. stringers and veinlets; assoc. epidote (py and mag) 65° to C.A.	84428		146	151				<.001	
			84429		151	156				<.001	
		113.2-113.3 0.1'	84430		156	161				0.010	
		122.4 ¼"	84431		161	166				<.001	
		126.1 ¼"	84432		166	171				<.001	
		126.5 ¼"	84433		171	176				0.007	
		129.2 ¼"	84434		176	181				<.001	
		130.6 ¼"	84435		181	186				<.001	
		141.0 hairline									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ TON
155.5	158.0	Py(Po) in hairline fractures.									
			84436		186	191				0.003	
158.5		1", chl. py. mag. vein.	84437		191	196				<.001	
157.0	239.5	Basalt	84438		196	201				<.001	
		aphanitic to V.f.gr., massive texture, grey green volc.	84439		201	206				<.001	
166	167	1-3% diss. py. , po is abs. in this unit. as patchy disseminations.	84440		206	211				<.001	
			84441		211	216				.003	
		- minor qtz veins at 171.5 1/8-1/4"	84442		216	221				0.004	
		171.7 "	84443		221	226				<.001	
		172.3 "									
		174.8 "									
		172.4-175.6 - abundant hairline fractures with assoc. silicification. py, chl., epidote (minor calcite)									
		shear foliation obs. at 45° to C.A. (mylonitic tendency?)									
181.0	183.0	Shear Zone 55° to C.A.									
		- assoc qtz veins, silicification, chl., py.									
		- crosscutting generations of qtz veinlets (hairline - ¼")									
		- possible black qtz hairline veins.									
		- some contorted veins (folding)									
183.0	186.0	- silicification and very weak pyritization of basalt.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
186.0	206.5	Shear zone - as 181.0-183.0
		- qtz veins and assoc. Py and Po and/or epidote at 211-211.7, 222-222.1, 223-223.3, 224-224.1, 235-236.1
239.5	2900	Diabasic Basalt (as at 16')
247		diss. Po , Py stops here.
		- granite stringer (contains xeno's basalt). 246.6-247.3 - qtz vn-related to above stringer(some feld. abs) 248.0.
253.4	256.0	str. epidote alt.
259.0	263.0	str. epidote alt.
		- granite dyke at 264.7-265.3 (as 246.6) 50° to C.A.
271.9	272.1	str. epidote Alt. as 2534
290.0	296.0	Interlayered diabasic Basalt and Basalt
296.0	493.0	Diabasic Basalt
		Granite stringers abs. at 303.8-304.1, 344.0-344.4 50° to C.A.

SAMPLE NO.	% SULPH. IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	AU OZ/TON	OZ. TON
84445		226	231				<.001	
46		231	236				<.001	
47		236	241				<.001	
48		241	246				<.001	
49		246	251				<.001	
50		251	256				<.001	
51		256	261				<.001	
52		261	266				<.001	
53		266	271				<.001	
54		271	276				<.001	
55		276	281				<.001	
56		281	286				0.002	
57		286	291				0.008	
58		291	296				0.004	
59		296	301				<.001	
60		301	306				0.001	
61		306	311				0.001	
62		311	316				<.001	
63		316	321				<.001	
64		321	326				<.001	
65		326	331				0.003	
66		331	336				<.001	
67		336	341				0.001	
68		341	346				0.006	
69		346	351				0.011	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		Qtz. veins obs. at
		303.8 ¼"
		323.0 55° to C.A.
		331.7 75° to C.A. assoc. Py.
		344.6-344.7 assoc. 30% Py. 0.2' basalt breccia
		344.7-347.5 minor qtz, chl., vns to 347.5 (assoc py)
		qtz, chl., epidote py stringers ⊥ to C.A. 1/8-1/4" at
		350.5-355.0
		393.0-396.0
		400.1
358.0		Bracciated granite stringer
		chl py, epidote qtz veins 80° to C.A.
		hairline pyrite bearing fractures at
		361.5-362.5
		367.0-367.5
		375.0-376.1
		389.1-389.3
		Porphory Dyke (acidic comp) at
		388.8-389.1
		403.7-404.7
		427.9-428.0

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	AU OZ/TON	OZ/TON
84470		351	356				<.001	
71		356	361				<.001	
72		361	366				<.001	
73		366	371				<.001	
74		371	376				<.001	
75		376	381				<.001	
76		381	386				<.001	
77		386	391				< 0.001	
78		391	396				0.001	
79		396	401				0.002	
80		401	406				<.002	
81		406	411				<.001	
82		411	416				<.001	
83		416	421				<.001	
84		421	426				<.001	
85		426	431				<.001	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ. TON
		Irregular qtz vein and assoc. chl and pyrite 422.7-423.0	84486		431	436				<.001	
			87		436	441				<.001	
		Pyrite chl , epidote fracture filling at 427.5-427.8, 429.0-429.5	88		441	446				<.001	
			89		446	451				0.004	
			90		451	456				<.001	
		Porphyry Dyke (acid comp) 431.6-431.9 40° to C.A. qtz vein at centre of dyke (tensional fracture filling)	91		456	461				<.001	
			92		461	466				<.001	
			93		466	471				<.001	
			94		471	476				<.001	
431.9	450.0	Core continues to be diabasic basalt with occasional hairline fractures with epidote, chl., or py. chl. (magnetite minor none) contains occasional diss. sulfides (Py) especially on fracture surfaces.	95		476	481				0.002	
			96		481	486				<.001	
			97		486	491				0.002	
			98		491	496				0.006	
		Pyrite veinlets at 433, 438.1, 442.8, 446.0, 447.5 434, 441.0, 444.0, 447.0	99		496	501				0.003	
			84500		501	506				<.001	
450.0	493.0	Core continues to be diabasic basalt with occasional pyrite filled fractures, minor qtz veinlets and hairline epidote chlorite veins, as well as occasional knots of pyrite and occasional sulfide disseminations									
		sulfide veinlets at: 452.2, 455.2, 460.5									
		qtz veins & assoc chl. and/or epidote at: 459.0, 469.0, 477.5 (some hem)									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
										AU	
		461.9 488.5 (some hem)	84101		506	511				0.002	
		463.3	102		511	516				0.001	
		474.5	103		516	521				0.006	
493.0	524.5	Basalt	104		521	526				<.001	
		- mafic volcanic as 157.0	105		526	531				<.001	
		- abundant hairline epidote veins which have assoc. calcite.	106		531	536				<.001	
			107		536	541				<.001	
		- more major fractures contain py-qtz and occasional hem alt.	108		541	546				<.001	
			109		546	551				<.001	
		- contact with diabasic basalt is intermittent over 2 ft. (491-493)	110		551	556				<.001	
			111		556	561				<.001	
		- this basalt more prone to having py veins as apposed to diabasic basalt.	112		561	566				<.001	
			113		566	571				<.001	
		Py. qtz hem veins at 493.8	114		571	576				<.001	
		494.0	115		576	581				<.001	
		495.3	116		581	586				<.001	
		several at 498.0-499.3	117		586	591				0.001	
			118		591	596				<0.001	
512.5	515.0	Str and pervasive pistachio green epidote alteration of basalts.	119		596	601				<.001	
515.0	522.0	- abundant fracturing yields network of qtz veining, qtz chl. epidote veining and chl. epidote veining-core is light grey in color.									
		- likely a chemical alteration of basalt but may be a cherty black metasediment.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
522.0	524.5	as 493.0									
524.5	525.1	Granodiorite stringer 58° to C.A.									
525.1	555.1	Basalt (as 493.0) Granodioritic dykes at 527' 40° to C.A. 537.9 40° to C.A. Vein and assoc py at 531.0 Abundant py veinlets 547.0-548.5									
555.1	564.0	Mylonitized Volcanics - regular qtz flooding - cherty fracture - brown green to grey green core - mylonitic fol. at 46° to C.A. * - this unit is non magnetic as opposed to basalts logged above this unit. - py fractures abs. at 555.0 and 563.5.									
564.0	578.7	Silicified Volcanics represents weakening of mylonitic texture in volcanics lacks mylonitic foliation. intermittently mylonitic texture is stronger. similar to 525.1 but is silicified. Porphory Dyke - unmylonitized (younger than mylonitic texture) 574-574.5 575- 575.4									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
578.7	580.6	Alteration Zone - Breccia veining (very intricate, multigenerational) - wk. brown hem. alt. 580.6-581.5 - Porphory Dyke (possible porphyry dykes are Garrison Intrusive, made more intermediate in composition by assimilation of volcanic material).								AU	
581.5	591.2	Silicified Volcanics - as 564.0 - shear foliations and minor mylonitic sections as at 555.1									
591.2	614.7	Mylonitized Volcanics (shear textures) - as at 555.1 - abundant shear foliation and conformable qtz veins 45° to C.A. -some light brown to green brown colored sections (hem. alt.) - abundant veining (qtz veining) at 602-614.7 with assoc. chl. veining and shear foliations. - appears as Intricate stockwork with a preferential orientation in the shear direction.	84120		601	603.5				<.001	
			121		603.5	606				0.015	
			122		606	608.5				<.001	
			123		608.5	611				<.001	
			124		611	613.5				<.001	
			125		613.5	616				<.001	
614.7	619.8	Lamphrophyre Dyke 44° to C.A.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ. TON	ASSAYS
619.8	632.0	Mylonitized (sheared) volcanics as 555.2 and 591.2 dark grey color. abundant delicate qtz veining patterns and associated py. (f.g.r.)										
623.0	632.0	Alteration Zone - lime green color due to epidotization - qtz flooded and veining - most likly similar alteration to above but unit looks basically more felsic in composition (includes some altered granodioritic dykes). - best looking core at 629.7-631.3 (str. veining and hem poor in sulfides - a problem?) blocky core (and core loss?) at 623.6, 130-131, 132-132.8.										
632.0	635.0	Silicified Volcanics Epidotization on abundant hairline fractures 48° toCA Is likely a weakening of above described alteration zone.	84126		616	621	LAMPROPHYRE DYKE			.001		
			127		621	623.5				0.021		
			128		623.5	626				0.27		.239/5'
635.0	677.3	Basalt - as 157.0, 493.0 etc. * Magnetite content of core increases now that alteration zone is passed.	129		626	628.5				0.208		
			130		628.5	631				0.074		0.13/12.5'
			131		631	633.5				0.077		
			132		633.5	636				0.002		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
		abundant hairline qtz , epidote, py, fractures.	84								
		minor porphyry dykes at 637.3-637.6	133		636	641				0.002	
		643.8-644.1 44° to C.A.	134		641	646				<.001	
		666.0-666.5	135		646	651				0.002	
		sulfide stringers at 637-641 generally ≤ 1/4"	136		651	656				0.004	
		644-645.5 generally ≤ 1/4"	137		656	661				0.001	
		653.3-654.5	138		661	666				0.009	
		659.0-660.0	139		666	671				< 0.001	
		666.0-671.5	140		671	676				0.001	
		673.0-674.0	141		676	681				0.007	
			142		681	686				0.018	
677.3	691.5	Granite Dyke (garrison stock related)	143		686	691				0.009	
		Salamon colored, equagranular, f-med, gr. homogenous	144		691	696				0.005	
		texture- qtz, pink and white feldspars, 4% hbds.	145		696	701				<.001	
691.5	699.0	as 635.0 - abundant epidotized hairline fractures.	146		701	706				0.003	
			147		706	711				<.001	
699.0	700.7	as above - much fewer hairline epidote fractures.	148		711	716				0.001	
		- very rare py and assoc. qtz veins; moderately magnetic	149		716	721				0.001	
		magnetite is fonc. in fractures in assoc with qtz and	150		721	726				0.003	
		epidote.	151		726	731				<.001	
700.7	702.8	Granite - Granite Monzonite Dyke.	152		731	736				0.001	
		as previous - likely related to Garrison	153		736	741				<.001	
		Stock.	154		741	746				<.001	
			155		746	751				<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
702.8	748.6	as 699.0 Mafic Volc.	84156		751	756				< .001	
		Py. stringers at 713.0-713.3 < 1/4"	157		756	761				< .001	
		716.9-717.0 < 1/4"	158		761	766				< .001	
		732.1-732.8	159		766	771				< .001	
		736.0-737.0	160		771	776				< .001	
		Py, chl, epidote, qtz, alt. and shear foliations at	161		776	781				< .001	
		722.2-725.6	162		781	786				< .001	
		732.8-733.3	163		786	791				< .001	
		734.6-735.3	164		791	796				< .001	
		740.5-741.4	165		796	801				< .001	
		744.5-745.5	166		801	806				< .001	
		794.3-796.5	167		806	811				< .001	
748.5	805.0	Diabasic Basalt	168		811	816				< .001	
		as at 16, 61, 239.5 etc.	169		816	821				0.002	
		- contains minor sections of Basalt to 760.5)	170		821	826				< .001	
		- minor diss. sulfides scattered through core.	171		826	831				< .001	
		- a shear foliation often abs. at 45-50° to C.A.	172		831	833				< .001	
		Granite Monzonite dykes at 751.7-752.2 75° to C.A.									
		754.1-757.7 "									
		761.5-761.8 "									
		769.6-771.2 40° to C.A.									
		780.4-781.3 52° to C.A.									
		804.0-804.5									
		805.0-811.1 75° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
		Pyrite, mag. qtz, veining and py wall rock mineralization at 762.1-764.1.									
805.0	811.1	Granodiorite 48° to C.A. related to Garrison Stock									
811.1	833.0	Basalt as 635.0 chl, qtz epidote py, mag, alt (minor hem) at 811.8 ½" 813.3 1" 814.8-815.0 0.2' 826.0-826.3 0.3'									
	833.0	E.O.H.									

DIAMOND DRILL RECORD

PRI-G-88-5

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. PRI-G-88-5 LENGTH 495ft
LOCATION
LATITUDE 35+50S DEPARTURE 0+00
ELEVATION AZIMUTH Grid N DIP 45°
STARTED Feb 10/88 FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1
REMARKS Till Anomaly west of road
LOGGED BY R. Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	24	Casing									
24.0	24.9	Granitic Boulder									
24.9	77.6	Altered Basaltic Flows: - green to dark grey-black fine grained, altered basaltic flow; core moderately to strongly epidotized; epidote occurs as massive sections and as intense veining; in several places epidote has altered to serpentine; numerous sections of core brecciated, basaltic fragments in epidote and quartz matrix; numerous veinlets of quartz and granitic material; trace calcite infilling of fractures; fine grained hematite in veinlets and lining fractures; trace pyrite throughout core with individual zones of up to 10% finely disseminated pyrite; subhedral crystals of pyrite found in quartz veins, along fracture surfaces and in granitic rich zones; trace sulfides scattered through out section; weathered crystals of pyrite and sulfides can be seen in a few places; black silica	837 33	33	24	27	3			0.003	
			837 34	34	27	30	3			0.001	
			837 35	35	30	33	3			<.001	
			837 36	36	33	36	3			<.001	
			837 37	37	36	39	3			<.001	
			837 38	38	39	42	3			<.001	
			837 39	39	42	45	3			<.001	
			837 40	40	45	48	3			<.001	
			837 41	41	48	52	4			0.002	
			837 42	42	52	55	3			0.001	
			837 43	43	55	58	3			0.008	
			837 44	44	58	61	3			0.024	
			837 45	45	61	64	3			0.001	
			837 46	46	64	67	3			0.001	
			837 47	47	67	70	3			<.001	
			837 48	48	70	73	3			<.001	
			837 49	49	73	76	3			0.004	
			837 50	50	76	77.6	1.6			0.027	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
										AU	
		veinlets cross cut some portions of section especially areas of massive epidote alteration.									
		44.4-44.6 - hematite alteration.									
		47.8-47.9 - hematite alteration.									
		51.0-51.3 - mixture epidote, quartz and plagioclase material; 10% disseminated pyrute.									
		53.1-53.3 - mixture epidote, quartz and plagioclase material; 10% disseminated pyrite.									
		55.0-56.0 - mixture epidote, quartz and plagioclase material; 10% disseminated pyrite.									
		71.0-77.6 - core strongly altered and brecciated, contains abundant black silica veining, moderately silicious.									
77.6	135	Massive Basaltic Flows - fine grained, massive, dark green to grey black basaltic flows; plagioclase is beginning to differentiate out from flows; some section display fine grained dioritic texture; in places plagioclase is altering to epidote giving core pale green tint; abundant plagioclase, epidote and quartz veining, black silica rims some of these veins and cross cuts others; disseminated pyrite frequently occurs in	837	51	77.6	83	5.4			<.001	
			837	52	83	88	5			<.001	
			837	53	88	93	5			<.001	
			837	54	93	98	5			<.001	
			837	55	98	103	5			<.001	
			837	56	103	108	5			<.001	
			837	57	108	113	5			<.001	
			837	58	113	118	5			<.001	
			837	59	118	123	5			<.001	
			837	60	123	128	5			0.082	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS OZ TON AU	ASSAYS OZ TON
		veining, 1 to 5%; minor hematite veining occurs in a few places; trace calcite in fractures; several 6" wide sections of massive epidote alteration; trace to 1% disseminated pyrite in groundmass.	837	61	128	133	5			0.001	
		113-120 - needle shaped hornblend crystals common in groundmass.									
		124-126 - fracture surfaces display moderate shearing, i.e. surfaces are striated. ; core appears weakly schistose, i.e. planes of schistose, beginning to form.									
			837	62	133	138	5			<.001	
		124.0-125 - several quartz veins cut section; rock moderately silicious.	837	63	138	143	5			<.001	
			837	64	143	145.5	2.5			<.001	
135	145.5	Black silicious Basaltic Flows; black, fine grained, massive, silicious basaltic flows; abundant epidote veining through out section; abundant black silica veining; finely disseminated pyrite 1-5%, and scattered sulfides in both vein types; black silica veins appear to cross-cut epidote veins; minor hematite alteration in places;									
		140-141 - alteration zone, mixture epidote, black silica, pyrite and sulfides; section very magnetic; moderately brecciated; pyrite and sulfides 5-10%									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
145.5	147.0	Altreation Zone; mixture of epidote, calcite, white quartz, black silica, hematite and magnetite; rock strongly sheared; appears brecciated; calcite and white quartz appear to be main vein type; black silica cross cuts these veins; hematite and magnetite rim white quartz veins; disseminated pyrite 2-5% through most of section; rock moderately magnetic.	837	65	145.5	148.3	2.8			0.014	
147.0	148.3	Silicified Basaltic Flows - similar to above; minor epidote- plagioclase veining; minor black silica veining; 1% disseminated pyrite.									
148.3	149.6	Altered Basaltic Flows- zone of massive epidote - plagioclase veinning; rock appear flow banded, black silica cross cuts epidote - plagioclase veining massive disseminated pyrite 2-5% and 1% sulfides; rock moderately magnetic in places; calcite occurs along fractures; several small white silica veins cut section.	837	66	148.3	149.6	1.3			0.009	
149.6	156.6	Silicified Basaltic Flows - black, massive, silicious basaltic flows; contains minor epidote veining; trace to 2% disseminated pyrite in places.	837	67	149.6	152.6	3			<.001	
			837	68	152.6	156.6	4			<.001	
156.6	157.2	Altered Basaltic Flows - zone of intense epidote-plagioclase alteration; black silica veining through out core; plagioclase differentiating out	837	69	156.6	160.2	3.6			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
		giving core dioritic texture; trace hemetite alteration trace to 1% disseminated pyrite.									
157.2	160.2	Silicified Basaltic Flows - minor epidote veining.									
160.2	163	Altered Basaltic Flows - massive epidote alteration; rock weakly to moderately sheared; black silica cross cuts section; trace to 2% disseminated pyrite.	837	70	160.2	163	2.8			<.001	
		160.7 - 1" vein of fine grained hematite and granular quartz.									
163	171.6	Silicified Basaltic Flows - minor epidote veining.	837	71	163	168	5			0.002	
171.6	173.6	Altered Basaltic Flows - zone of moderate epidote alteration; core moderately sheared; abundant black silica veining; several 2" elliptical shaped zone of plagioclase; trace to 3% disseminated pyrite mixed with up to 1% sulfides.	837	72	168	171.6	3.6			<.001	
			837	73	171.6	173.6	2			<.001	
		170.6-170.7 - vein composed of fine grained hematite and granular quartz , core strongly magnetic.									
173.6	176	Silicified Basaltic Flows - contains minor zones of epidote alteration.	837	74	173.6	176	2.4			<.001	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
176	182	Altered Basaltic Flows; massive epidote alteration; rock weakly to moderately sheared; some sections appear brecciated; black silica veining abundant throughout section; black silica veining cross cuts core; small blebs of fine grained hematite and quartz scattered throughout section; finely disseminated pyrite 1 to 3%, occurs in several ½" wide zones; trace pyrite throughout rest of core.	837	75	176	179	3			<.001	
			837	76	179	182	3			<.001	
182.0	258.2	Massive Basaltic Flows - light green-gray to gray-black massive basaltic flows; first 10' of core has light green tint due to weak epidote alteration; rock becomes progressively darker further down hole; by 193' core has darker gray-black color; minor epidote-plagioclase veining; at 193' rock appears to be beginning to alter towards a chlorite schist; can see development of schistosity planes along fracture surfaces; core has fine grained dioritic texture in places; trace to 1% disseminated pyrite in groundmass; minor hematite veining.	837	77	182	187	5			<.001	
			837	78	187	192	5			<.001	
			837	79	192	197	5			<.001	
			837	80	197	202	5			<.001	
			837	81	202	207	5			<.001	
			837	82	207	212	5			<.001	
			837	83	212	214	2			0.034	
			837	84	214	216	2			0.043	
			837	85	216	221	5			0.004	
			837	86	221	226	5			<.001	
			837	87	226	231	5			<.001	
			837	88	231	236	5			<.001	
			837	89	236	241	5			<.001	
			837	90	241	246	5			<.001	
			837	91	246	251	5			0.005	
			837	92	251	256	5			<.001	
			837	93	256	258.2	2.2			<.001	
		214-215.3 - series of white quartz veins cut core at ≈ 45° to C.A. trace disseminated pyrite; scattered subangular blebs of fine grained hematite; section weakly magnetic.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
										AU	
		215.6 - two ¼" wide white quartz veins with subangular blebs of fine grained hematite.									
		222-230 - numerous veinlets filled with epidote and sometime pyrite; 1-2% disseminated pyrite in groundmass; calcite infills fracture surfaces.									
		- at 230 core becomes coarser grained; weakly chloritic along fracture.									
		250-251 - zone of moderate epidote alteration; rock weakly brecciated; trace to 1% disseminated pyrite; abundant black silica veinlets.									
258.2	259.3	Altered Basaltic Flows - green-black altered basaltic flows; rock strongly epidotized; weakly sheared; have numerous ¼" to 1" blebs of hematite throughout section; trace pyrite; calcite occurs along fractures; numerous veinlets of black silica; parts of core weakly brecciated.	837	94	258.2	259.3	1.1			<.001	
259.3	261.2	Massive Basaltic Flow; minor epidote veining; hematite lines some of the fracture surfaces.	837	95	259.3	261.2	1.9			.001	
261.2	269.4	Altered Basaltic Flows; light green-black -altered basaltic flows.- strong plagioclase - epidote alteration , core has light green to white tint to it;	837	96	261.2	265	3.8			0.001	
			837	97	265	269	4			0.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS OZ TON	ASSAYS OZ TON
		alteration is massive and in veins; numerous blebs of hematite throughout section; moderate black silica veining; core weakly sheared with some brecciated sections; very little pyrite present except for a few veinlets containing 1-2%; trace calcite in fractures; last 2 feet of section contains mixture of altered and unaltered basaltic flows.									
269.4	297.6	Massive Basaltic Flows - dark grey to black, massive basaltic flows; appear to be iron-magnessium type; massive with scattered veinlets of epidote and black silica; core has dioritic texture in places; numerous small zones of massive epidote alteration; pyrite mostly limited to veinlets and alteration zones, 1-3%, trace calcite in fractures.	83700	98	269	274	5				0.003
			83701	99	274	279	5				<.001
			83802	00	279	284	5				0.008
			83803	01	284	289	5				<.001
			83804	02	289	294	5				0.005
			83805	03	294	297.6	3.6				<.001
		275.5-276 - zone of moderate epidote alteration; trace to 1% pyrite; abundant black silica veining.									
		280.3-281.0 - zone of moderate epidote alteration; weakly sheared; trace to 1% pyrite; abundant black silica.									
		281.4-281.9 - zone of moderate epidote alteration;									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON	
										AU		
		abundant epidote and black silica veining; weakly sheared; 1-3% pyrite.										
		290.2-291.3 - intense epidote veining; rock has light green tint; 3-5% pyrite .										
		290.9-291.2 - rock weakly sheared.										
		291.3-292.6 - intense epidote veining; core appears brecciated; trace to 2% pyrite; trace calcite along fracture surfaces; rock weakly sheared.										
		295.5-295.6 - zone of intense epidote alteration; moderate black silica veining; rock moderately sheared; 1-4% pyrite.										
297.6	301	Alteration Zone - zone of massive epidote alteration core completely epidotized, has a light green color; numerous $\frac{1}{4}$" -1" blebs of hematite; water from hole was rusty color; minor black silica veining; trace calcite along fractures; some fracture surfaces display iron-magnessium staining; trace to 5% pyrite and minor sulfides; trace calcite in fractures.	838	04	297.6	301	3.4			4.001		
		299.3-299.5 - quartz vein cuts through zone, trace to 1% pyrite; minor sulfide oxidation.										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
301	302.3	Basaltic Flows ; weakly altered; abundant epidote and black silica veining, trace to 1% pyrite.	838	05	301	303	2			<.001	
302.3	303	Alteration Zone- similar to above however not as highly altered and only trace amounts of hematite.									
303	495	Massive Basaltic Flows - black, massive, fine grained basaltic flows, contain minor black silica and epidote alteration in places; trace pyrite; rock weakly sheared, core appears weakly schistose; core has dioritic texture in places; scattered hornblende phenocrysts in places; trace pyrite in fractures.	838	06	303	308	5			<.001	
			838	07	308	313	5			<.001	
			838	08	313	318	5			<.001	
			838	09	318	323	5			<.001	
			838	10	323	328	5			<.001	
			838	11	328	333	5			<.001	
			838	12	333	338	5			<.001	
			838	13	338	343	5			<.001	
			838	14	343	348	5			<.001	
			838	15	348	353	5			<.001	
			838	16	353	358	5			<.001	
			838	17	358	363	5			<.001	
			838	18	363	368	5			<.001	
			838	19	368	373	5			<.001	
			838	20	373	378	5			<.001	
			838	21	378	383	5			<.001	
			838	22	383	388	5			<.001	
			838	23	388	393	5			0.002	
			838	24	393	398	5			<.001	

331.2 - ½" wide quartz-epidote vein.

361.6-361.9 - plagioclase- epidote veining, weakly brecciated; minor black silica veining

363-364 - moderate plagioclase- epidote alteration; moderately brecciated, numerous black silica cross cut zone; trace to 1% pyrite

380-382 - finely disseminated pyrite occurs in numerous plagioclase- epidote veinlets; 1-2% pyrite.

384.0 - ½" wide vein of quartz and hematite.

385.8-385.9 - quartz vein with hematite surrounded by

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
										AU	
		1" zone of epidote alteration.									
		391.9-392 - quartz vein containing hematite and 5% disseminated pyrite; 1" zone of epidote alteration surrounds vein.									
		394.6-394.9 - quartz vein cuts core, minor epidote alteration; trace to 1% disseminated pyrite.									
		396.0- ¼" wide quartz vein containing hematite and 2% pyrite.									
		398.0 - 1" wide zone of fine grained magnetite, minor epidote alteration; minor black silica veining; very magnetic.	838	25	398	403	5			<.001	
		398.6-401 - scattered blebs of pyrite on core.									
		403.2- hematite found along fracture plane.									
		407.6-409 - moderate epidote alteration; core weakly brecciated; 407.9-408.1 - hematite, magnetite and pyrite; section very magnetic; abundant black silica vein through out section.	838	26	403	408	5			<.001	
			838	27	408	413	5			<.001	
		409.5-410 - ½" quartz vein running parallel to core; contains minor hematite and 2-5% finely disseminated pyrite; moderate									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON Checks
		epidote alteration around vein.	838	28	413	418	5			∠.001	
		416.8 - ¼" wide epidote vein containing hematite and 1% pyrite.	838	29	418	423	5			0.001	0.007
			838	30	423	428	5			∠.001	
		420.3 - 1" wide quartz vein containing hematite, minor pyrite; surrounded by zone of moderate epidote alteration.	838	31	428	431	5			∠.001	
			838	32	435	440	5			∠.001	
			838	33	440	445	5			∠.001	
		427.6-428 - numerous veinlets of epidote infilled with finely disseminated pyrite.	838	34	445	450	5			∠.001	
			838	35	450	455	5			∠.001	
		428.8-½" wide quartz vein containing fine grained hematite trace pyrite.	838	36	455	460	5			∠.001	
			838	37	460	465	5			∠.001	
		429.7-430.3 - massive epidote alteration, weakly brecciated.	838	38	465	470	5			∠.001	
			838	39	470	475	5			∠.001	
		430-434 - core grinded and not recovered.	838	40	475	480	5			∠.001	
			838	41	480	485	5			0.002	
		434-436 - core badly broken.	838	42	485	490	5			∠.001	
		440 - core becoming coarser grained.	838	43	490	495	5			∠.001	0.011
		482.4-483 - zone of moderate epidote alteration; massive pyrite 5-10%; fine grained hematite mixed in with pyrite in places; minor amount black silica veining.									
		491.0- two ¼" quartz veins, trace pyrite; minor epidote alteration.									
	495	End of Hole									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. PRI-G-88-6 LENGTH 600'

LOCATION

LATITUDE 0+80S DEPARTURE 26+00W(S. Grid Metric)

ELEVATION AZIMUTH DIP 50° GridN

STARTED Feb 23/88 FINISHED Feb 26/88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PRI-G-88-6

HOLE NO. _____ SHEET NO. 1

REMARKS Ore Car Lake Grid

LOGGED BY R. Deklerk

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
										AU	
0	59	Overburden									
59	61.1	Alteration Zone - silicified basaltic flows; weakly sheared; contains moderate hematite alteration in places similar to zone 5; trace to moderate calcite alteration; abundant black silica veinlets; 1-3% disseminated and subhedral pyrite; moderate epidote alteration in veins. 60.0-60.4 - hematite alteration similar to zone 5.	839	01	59	61.1	2.1			<.001	
61.1	63.1	Basaltic Flows - dark-green grey massive basaltic flows; minor epidote- plagioclase veining; trace to 1% pyrite; moderate epidote alteration in places; 61.6-61.8 - ¼" quartz vein running parallel to C.A. host rock surrounding quartz vein appears chloritic however vein has broken away from core; 6" zone of moderate epidote alteration about quartz vein; moderate sulfide staining.	839	02	61.1	63.1	2			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ TON
63.1	64	Alteration Zone - silicified basaltic flow; several ½" quartz veins cut core; core locally sheared; minor hematite alteration in quartz veins; trace calcite in veins; moderate sulfide staining; weak epidote alteration; similar to preceeding alteration zone however not as much hematite alteration ; trace to 1% disseminated pyrite.	839	03	63.1	64	.9'			<.001	
64	92.3	Basaltic Flows - dark grey to black, massive, fine grained, basaltic flows; minor plagioclase- epidote veining; occasional quartz veins; trace calcite alteration; trace disseminated pyrite.	839	04	64	69	5			<.001	
			839	05	69	74	5			<.001	
			839	06	74	79	5			<.001	
			839	07	79	84	5			<.001	
			839	08	84	89	5			<.001	
			839	09	89	92.3	2.3			<.001	
		64-67 - core badly broken; weak to moderate sulfide staining along fractures; possibly several small fracture zones.									
		71.1- 1" wide quartz vein with 3% disseminated pyrite; moderately calcitic.									
		76.5-76.7 - quartz vein; localized shearing; moderate epidote alteration surrounding quartz veining; weakly calcitic.									
92.3	99.6	Altered Basaltic Flows - light green, massive altered basaltic flows; zone of strongly epidotized basaltic flows; weakly to moderately silicious; moderate to	839	10	92.3	95	2.7			<.001	
			839	11	95	98	3			<.001	
			839	12	98	99.6	1.6			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		strong hematite alteration; first 2.7ft mainly massive epidote; from 95' mixture epidote and flow material; core weakly to moderately sheared; abundant black silica veining; hematite in veins and blebs; trace to 2% pyrite.									
99.6	109	Basaltic Flows - gray to black medium grained dioritic textured basaltic flows; abundant epidote veining; occasional black silica veining; numerous white quartz veins present, creating localized shearing; trace to 1% disseminated pyrite; moderate epidote alteration.	839	13	99.6	104	4.4			<.001	
			839	14	104	109	5			0.008	
		104.6-105 - numerous ¼" quartz veins sheared and offset; epidote alteration around veins.									
		106.4-107.3 - core brecciated; abundant clear quartz veining; locally sheared.									
109	163.5	Basaltic Flows dark gray to black, fine to medium grained, massive basaltic flows; numerous veinlets of white quartz; trace calcite along fractures; minor epidote alteration along fractures; finely disseminated pyrite in veinlets and groundmass, trace to 1%; minor black silica veining; numerous ¼" veins of quartz and or plagioclase.	839	15	109	114	5			0.003	
			839	16	114	119	5			<.001	
			839	17	119	124	5			<.001	
			839	18	124	129	5			<.001	
			839	19	129	134	5			<.001	
			839	20	134	139	5			<.001	
			839	21	139	144	5			<.001	
			839	22	144	149	5			<.001	
			839	23	149	154	5			0.002	
		160 - basaltic flows become finer grained.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
163.5	168.5	Altered Basaltic Flows - pale green to gray, altered basaltic flow; numerous ¼" white quartz veins; parts of section brecciated, basaltic fragments cemented by quartz and chert; also numerous chert veins present clear quartz veining cross cuts ground mass and chert veins; massive epidote alteration; ground mass very silicious; subangular plagioclase crystals (1-2mm) common in ground mass ; calcite occur along fracture surfaces. 166.3-167.4 - flow breccia; chert and quartz veins infill altered basaltic flow fragments								AU	
168.5	174.6	Basaltic Flow - fine grained, massive, dark grey- green to black, basaltic flow; contains abundant subangular plagioclase crystal (1-2mm); occasional ¼" quartz veins; moderately silicious; weak epidote alteration.	839	28	168.5	173	4.5			<.001	
			839	29	173	174.6	1.6			<.001	
174.6	200	Meta sediments with cherty sections light grey to black metasediments; appear to be mixture of argillite and siltstone; layering can be seen in places however there are massive sections; cherty sections mixed in with meta sediments quartz and chert veinlets common, trace to 1% pyrite. 186.5-188.6 - grey to pale green chert; sulfide staining on fracture surfaces.	839	30	174.6	178	3.4			<.001	
			839	31	178	181	3			<.001	
			839	32	181	184	3			<.001	
			839	33	184	186.4	2.4			<.001	
			839	34	186.4	188.6	2.2			0.001	
			839	35	188.6	192	3.4			0.001	
			839	36	192	195	3			0.001	
			839	37	195	197.5	2.5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
										AU	
		196.4-196.9 - grey-brown chert; weakly brecciated.									
		197.5-200 - grey-brown chert; abundant quartz veinlets produce moderate brecciation	839	38	197.5	200	2.5			<.001	
200	202	Basaltic Flow - fine grained massive, dark grey-green basaltic flow; some metasediment material present; core moderately sheared in places.	839	39	200	202	2			0.005	
202	207.1	Chert - light grey to brown chert; moderately fractured in places; abundant quartz veinlets; not much sulfides seen.	839	40	202	205	3			<.001	
			839	41	205	207.1	2.1			<.001	
207.1	231	Basaltic Flows - fine grained massive, dark grey-green to black basaltic flows, generally massive, however first 2' in section weakly bracciated; blebs of pyrite common; occasional quartz veinlets; numerous very fine black silica veinlets cross cut core; some sections display weak epidote alteration; trace to 1% finely disseminate pyrite; moderately silicified.	839	42	207.1	210	2.9			<.001	
			839	43	210	215	5			<.001	
			839	44	215	220	5			<.001	
			839	45	220	225	5			<.001	
			839	46	225	231	5			<.001	
231	239	Meta sediments with cherty sections light grey to black metasediments; mixture argillite and silistone layering can be seen in places; cherty sections mixed in with sediments; quartz and chert veinlets common; trace pyrite.	839	47	231	234	3			<.001	
			839	48	234	239	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ. TON	
239	290.9	Basaltic Flows - massive basaltic flows; possess coarse grained, dioritic texture. ; horn blende crystals common; quartz veinlets common; trace to 1% pyrite; some sections moderately silicious.	839	49	239	244	5			<.001		
			839	50	244	249	5			<.001		
			839	51	249	254	5			<.001		
			839	52	254	259	5			<.001		
			839	53	259	264	5			<.001		
			839	54	264	269	5			<.001		
			839	55	269	274	5			<.001		
			839	56	274	279	5			<.001		
			839	57	279	284	5			<.001		
			839	58	284	289	5			<.001		
			839	59	289	292	5			<.001		
		240.7-241.2 - quartz breccia zone; basaltic fragments cemented by white quartz; 1-3% disseminated pyrite.										
		246.5-247.5 - abundant $\frac{1}{4}$" quartz veins; core locally sheared; black silica veining parallel to white quartz veins; veins run at 45° to C.A.; trace to 1% disseminated pyrite.- trace calcite in fractures.										
		285.6 - 286.3 - quartz veining with localized shearing; 1% to 3% disseminated pyrite.										
290.9	297.6	Interlayered metasediments - mixture argillite and siltstone; portions of section very cherty; layering very noticeable; some sections very calcareous, core locally sheared; abundant quartz and calcite veining; minor hematite in veinlets; trace to 3% disseminated pyrite.	839	60	292	295	3			<.001		
			839	61	295	297.6	2.6			0.001		
		291.5-292 - cherty section; minor hematite alteration some calcite present.										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON	
		296.0-296.7 - core brecciated by quartz .	839	62	297.6	298.6	1			0.002		
297.6	315.1	Graphitic Argillite - Black graphitic argillite;	839	63	298.6	299.6	1			0.001		
		rock moderately to strongly fractured in places;	839	64	299.6	300.6	1			0.003		
		fractures in filled with calcite and/or quartz; cherty	839	65	300.6	301.6	1			0.003		
		section present; several zones possess hematite; fine	839	66	301.6	302.6	1			0.001		
		grained disseminated pyrite throughout section; 1-5%	839	67	302.6	306	3.4			<.001		
		298-299.5 - rock highly fractured, moderate	839	68	306	307	1			<.001		
		hematite alteration; moderately calcareous	839	69	307	308	1			0.008		
		moderately cherty.	839	70	308	309	1			0.002		
			839	71	309	312	3			<.001		
		301.7-302 - cherty section; minor hematite alteration	839	72	312	313	1			<.001		
		up to 8% finely disseminated pyrite.	839	73	313	316	3			<.001		
		306.7-308.3 - core highly fractured, moderately silicious and calcareous.										
		312.5-313 - core moderately fractured; moderately silicious; partly cherty.										
		314-314.6 - strongly brecciated; up to 10% pyrite.										
315.1	329.3	Metasediments- mixture of siltstone and moderate	839	74	316	319	3			<.001		
		amounts of argillite; cherty sections common; core	839	75	319	322	3			<.001		
		moderately sheared in places; abundant quartz veining	839	76	322	323	1			<.001		
		parts of core brecciated; black silica veining is	839	77	323	325	2			<.001		
		patchy; last 4' of section is massive; rest of section	839	78	325	328	3			<.001		
		displays some layering; finely dissemniated pyrite	839	79	328	331	3			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
		occurs in veinlets and along fracture surfaces, 1-3% core calcareous in places; weakly graphitic in places;									
		316.4-316.9 - silicified argillite, moderately brecciated; finely disseminated pyrite trace to 1%.									
		322.1-323.1 - mixture of meta sediments and flow material; moderate to strong chertification; moderately to strongly bracciated									
		324.2-325 - brecciated siltstone, moderately to strongly calcareous; moderate quartz veining; 1-3% disseminated pyrite; abundant black silica veinlets.									
329.3	352.6	Brecciated Basaltic Flows - dark green to black,	839	80	331	334	3			<.001	
		brecciated basaltic flows; basaltic fragments are	839	81	334	337	3			<.001	
		rounded and generally have an alteration halo	839	82	337	340	4			<.001	
		around them; core appears to have been brecciated	839	83	340	343	3			<.001	
		and then cemented together with silica and epidote;	839	84	343	346	3			<.001	
		first few feet of section appear to contain rounded	839	85	346	349	3			0.001	
		argillite fragments; intense black silica veining;	839	86	349	352.6	3.6			<.001	
		minor hematite alteration in places; occasional white quartz veins; fine disseminated pyrite									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		occupies small veinlets in places, 1-3%, however most of section appears barren of mineralization.								AU		
		338.3-339 - several small quartz veinlets contain finely disseminated pyrite.										
352.6	424	Massive Basaltic Flows, very fine grain, black, massive basaltic flows; numerous quartz veins cut through section; rock moderately silicious minor epidote alteration along fracture surfaces; fine disseminated pyrite in veinlets, blebs and ground mass, trace to 1%; hornblende crystals can be seen along fracture surfaces.	839	87	352.6	356	3.4			<.001		
			839	88	356	359	3			<.001		
			839	89	359	360	1			0.016		.039/7
			839	90	360	365	5			0.046		
			839	91	365	366	1			0.025		
			839	92	366	371	5			<.001		
		355.0-357.4 - ½" quartz vein; core locally brecciated around it; finely disseminated pyrite throughout 1-3%.	839	93	371	376	5			<.001		
			839	94	376	381	5			<.001		
			839	95	381	386	5			<.001		
			839	96	386	391	5			<.001		
		359.1-359.4 - quartz vein, with angular chert fragments; ½" band at chert bordering both sides of quartz vein; finely disseminated pyrite in chert bands, 2-5%.	839	97	391	396	5			<.001		
			839	98	396	401	5			<.001		
			839	99	401	406	5			<.001		
			840	00	406	411	5			<.001		
		365.5-366.0 - quartz vein with chert fragments, same as above; fine grain hematite in places.	846	01	411	416	5			<.001		
			846	02	416	421	5			<.001		
			846	03	421	424	3			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ. TON	ASSAYS OZ. TON
		398.6-399 - several veins of granitic material; veins locally sheared and off set.									
		412.4-413 - several veinlets filled with fine disseminated hematite.									
424	428	Brecciated Basaltic Flows - similar to 329'-352.6; moderately epidotized; 1-3% disseminated pyrite.	846	04	424	426	2			0.002	
			846	05	426	428	2			0.006	
428	529	Black Massive Basaltic Flows- similar to 352.6-424 weak epidote alteration.	846	06	428	433	5		<	.001	
			846	07	433	438	5		<	.001	
		443.4-444 - intense quartz veining; weakly sheared 443.5 1" zone of chert with 3% disseminated pyrite.	846	08	438	443	5		<	.001	
			846	09	443	446	3			0.007	
			846	10	446	448	2			0.012	
		445-448 - silicified flows; one 1" white quartz vein running parallel to core; localized brecciation and shearing; 3-5% disseminated pyrite; some of the breccia fragments are chert.	846	11	448	453	5			0.001	
			846	12	453	458	5		<	.001	
		453-454 - breccia zone; moderate black silica veining.									
		454.6-455.3 - abundant quartz veinlets, infilled with disseminated pyrite.	846	13	458	463	5		<	.001	
			846	14	463	468	5		<	.001	
		471.4- ½" quartz vein contain massive disseminated hematite ≃ 5%	846	15	468	473	5		<	.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
										AU	
		473.6 - ¼" quartz vein with abundant disseminate hematite	846	16	473	478	5			<.001	
		487-494 - core very calcareous.	846	17	478	483	5			<.001	
		490.5-494 - core cut by abundant calcite veinlets	846	18	483	488	5			.001	
		groundmass very calcareous; trace to 1%	846	19	488	490.5	2.5			0.001	
		disseminated hematite; 1-3% disseminated	846	20	490.5	492	1.5			0.008	
		pyrite; lots of black silica veinlets	846	21	492	494	2			0.012	
		cross cutting core; core weakly sheared in	846	22	494	496	2			0.001	
		places.	846	23	496	497	1			0.018	
		494 - core no longer calcareous.	846	24	497	500	3			<.001	
		496-497 - core strongly calcareous trace hematite alteration; weak epidote alteration; weak epidote alteration; 1-3% disseminated pyrite									
		501-506 - Core moderately calcareous; numerous veinlets of calcite; ground mass also	846	25	500	503	3			<.001	
		calcareous; trace to 2% disseminated pyrite.	846	26	503	506	3			<.001	
		506 - core becoming very silicious.	846	27	506	509	3			<.001	
		513-517 - massive epidote alteration; core moderately to strongly chertified; moderate calcite	846	28	509	513	4			<.001	
		veining; moderate black silica veining; core	846	29	513	515	2			<.001	
		has light brown tint in places probably due	846	30	515	517	2			<.001	
		to hematite alteration; fine disseminated	846	31	517	520	3			<.001	
		pyrite in veinlets and blebs, trace to 3%;	846	32	520	522	2			<.001	
		core moderately calcareous.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ TON
										AU	
			846	33	522	525	3			<.001	
			846	34	525	529	4			<.001	
		520-522 - Zone of calcareous alteration; rocks very calcareous; abundant calcite veining; appear to have moderate amounts of chert in section trace to 1% pyrite.									
		525-529 - numerous calcite veinlets.									
529	560	Altered Basaltic Flow and Mafic Tuff; strongly silicious alteration, with some section chertified; abundant quartz and calcite veining; core moderately calcareous weak to moderate localized shearing; core altered to point where its impossible to distinguish individual flow and tuff layers; tuff possesses 1-2mm subangular fragments of quartzand plagioclase; flows massive and usually silicified and/or chertified; appear to have several small granitic dykes cutting section; weak to moderate epidote alteration; trace to 3% disseminated pyrite in veins and blebs, also along fracture surfaces; minor hematite alteration in places core very blocky.	846	35	529	532	3			<.001	
			846	36	532	535	3			<.001	
			846	37	535	538	3			<.001	
			846	38	538	541	3			<.001	
		529-538 - core weakly to moderately chertified.									
		535.2-535.9 - granitic dyke	846	39	541	544	3			0.001	
		537.2-537.6 - granitic dyke	846	40	544	547	3			<.001	
			846	41	547	550	3			<.001	
			846	42	550	553	3			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON Checks
		538.5-538.8 - several 1" quartz veins with disseminated pyrite.	846	43	553	556	3			<.001	
			846	44	556	560	4			<.001	
		543-544.1 - abundant quartz and chert veinlets; core locally sheared.									
560	600	Massive Basaltic Flow - dark-green black, medium grained, massive basaltic flows; scattered quartz veinlets; trace hematite along fractures; weak black silica veining; hornblende crystals common.	846	45	560	564	4			<.001	
			846	46	564	565	1			<.001	
			846	47	565	570	5			<.001	
			846	48	570	575	5			0.002	
		564.2- 1" quartz vein 60° to C.A.; finely disseminated hematite 2%, and pyrite 5%; weak epidote veining.	846	49	575	580	5			<.001	0.002
			846	50	580	585	5			<.001	
			846	51	585	590	5			<.001	
		581- finely disseminated hematite along fracture surface.	846	52	590	595	5			<.001	
			846	53	595	600	5			<.001	
		585 - finely disseminated hematite along fracture surface.									
600		EOH									

DIAMOND DRILL RECORD

NAME OF PROPERTY GARRISON PROJECT

HOLE NO. PRI-G-88-7 LENGTH 756ft

LOCATION ~~Metric Grid~~ South half

LATITUDE 1+30 N DEPARTURE ~~5+00W~~

ELEVATION ____ AZIMUTH Grid N DIP -50°

STARTED Feb 12 88 FINISHED Feb 20 88

Acid tests

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200'	49.5°	GridN			
400'	46.5°	GridN			

HOLE NO. G-88-7 SHEET NO. 1

REMARKS: ~~Drill crew off for~~ 13&14&15

LOGGED BY for L. Paulsen L. Paulsen

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS oz/ton AU	ASSAYS oz/ton
0	140	Casing - Overburden	841	-73	144.0	151.0	7			<.001	
140	144	Triconed bedrock - No core									
144	174.3	Basalt									
		- massive, homogenous texture, f.gr.									
		- grey green ->grey blue green in colour; comprised of hornblende and plagioclase primarily (No magnetite)	841	74	151.0	156.0	5			<.001	
			841	75	156.0	161.0	5			<.001	
			841	76	161.0	166.0	5			<.001	
		- occasional weak fracturing with epidote, qtz, chl, calcite and rare diss. sulfides obs.	841	77	166.0	171.0	5			<.001	
		- sulfides also obs. occasionally scattered through core in disseminations ≤3.0mm	841	78	171.0	176.0	5			<.001	
			841	79	176.0	181.0	5			<.001	
			841	80	181.0	186.0	5			0.007	
		Strong fracturing (blocky core & very minor core loss) at 144-145, 151-152.5, 154.7-155.3	841	81	186.0	191.0	5			<.001	
174.3	187.0	Possibly same unit as above (geologically) but 'strongly fractured core' with core loss.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS OZ TON	ASSAYS OZ TON
		carbonitization obs. ; highly fractured with clay fills and abundant veining (qtz sericite, epidote and chl veining) with assoc. Sulfides, (Py) hematite obs. in core @ 176.3 182.7-186.0								AU	
187.0	189.0	Basalt (as @ 144') but; silicification and clay (sericite chl-epidote)alteration obs. in shear zone described above continues. Alteration gives core a light grey green colour. Appears as though the alteration in the shear zone is weakening quickly in this section of core.	841	82	191	196	5			< .001	
			841	83	196	201	5			< .001	
			841	84	201	206	5			< .001	
			841	85	206	211	5			< .001	
			841	86	211	216	5			< .001	
			841	87	216	221	5			< .001	
			841	88	221	226	5			0.002	
189.0	198.0	Vesicular Basalt Similar in composition to basalt described @ 144', but contains vesicules filled with clay and chlorite. Vesicules comprise about 5-8% of core and are generally 2mm in size.									
198.0	228.0	Basalt as at 144'	841	89	226	228.5	2.5			0.002	
228.0	231.0	Altered Basalt same rock unit as at 144 - abundant veining with intricate stockworks at 228.3-229.5	841	90	228.5	231	2.5			0.003	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	%	ASSAYS OZ TON AU	ASSAYS OZ TON	
		above occurs with calcite (carbonitization) sericite and hematite.										
		- calcite and qtz flooded core with basalt breccia and sulfides (PY) occur at - 229.5-230.1										
231.0	238.0	Basalt										
		as at 144- weakly carbonitized with hairline qtz veinlets . This alteration gradually changes to uncarbonitized core with individual calcite veins while the qtz-clay veins disappear at 235.5.	841	91	231	236	5			0.054		
			841	92	236	241	5			0.001		
			841	93	241	246	5			<.001		
			841	94	246	251	5			<.001		
			841	95	251	256	5			<.001		
238	297.5	Basalt.	841	96	256	261	5			<.001		
		Similar to above but slightly coarser grained (possibly shows a gradational boundary between Basalt and diabasic basaltic textures).	841	97	261	266	5			<.001		
			841	98	266	271	5			<.001		
			841	99	271	276	5			<.001		
		- occasional regional alteration expressed by chl., epidote, qtz, carb. veins - widly scattered in core.	842	00	276	281	5			<.001		
		(Diabasic basalt is coarse, homogeneously grained volcanic rock).										
297.5	337.8	Diabasic Basalt										
		Occasional qtz epidote, chl, sericite filled hairline fractures and occasional ≤4% diss Py.	842	01	281	286	5			<.001		
			842	02	286	291	5			<.001		
		-hematite obs. on fractures at 304-306	842	03	291	296	5			<.001		
		316-316.1	842	04	296	301	5			<.001		
337.8	339.1	Qtz, calcite, epidote vein breccia	842	05	301	306	5			<.001		
		(likly of No consequence)	842	06	306	311	5			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		OZ TON AU	OZ TON	
339.1	425.5	Basalt (potentially a mudstone metased??) - aphanitic to V.f.gr. green-black-grey core. homogenous massive texture; very little regional epidote alteration obs. - likly similar to previous basalts but finer grained. - rare grain size and chemical compositional variations gives the unit an inconsistant weak compositional foliation. 4% diss. py. obs. throughout the core in blebs 2.0mm brown carbonitization-sericitization and associated qtz veins; very similar to standard 'alteration zone' are observed for narrow intersections at 381.8-381.9 380.9-381.0 385.5-385.6 405.5-405.7 (last one is qtz vein with hem. and clay& epidote alteration)	842	07	311	316	5			<.001		
			842	08	316	321	5			<.001		
			842	09	321	326	5			<.001		
			842	10	326	331	5			<.001		
			842	11	331	336	5			<.001		
			842	12	336	341	5			<.001		
			842	13	341	346	5			<.001		
			842	14	346	351	5			<.001		
			842	15	351	356	5			<.001		
			842	16	356	361	5			<.001		
			842	17	361	365	5			<.001		
			842	18	365	371	5			<.001		
			842	19	371	376	5			<.001		
			842	20	376	381	5			0.014		
			842	21	381	386	5			0.002		
			842	22	386	391	5			<.001		
			842	23	391	395	5			<.001		
			842	24	395	401	6			<.001		
			842	25	401	406	5			<.001		
			842	26	406	411	5			0.003		
			842	27	411	416	5			0.005		
			842	28	416	421	5			<.001		
			842	29	421	426	5			0.001		
			842	30	426	431	5			<.001		
			842	31	431	436	5			<.001		
425.5	484.8	Diabasic Basalt (as at 297.5) - gradational grain size obs. as core is finer grained near 426' and gradually becomes coarser grained down the hole, very little regional epidote type alteration obs.										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
484.8	489.1	Basalt as at 144
489.1	489.9	Diabasic Basalt as at 425 small gossanous zone at 489.1-489.3
489.9	512.5	'Alteration Zone'- potential mineralization 489.9-490.0 - Milky qtz vn. hematite and py. obs. 490.0-490.5 - Light brown green core- altered by hematite. py. and sericitr; qtz flooded. 490.5-492.5 - poorly (weakly) altered volcanics. 492.5-503 - blood red brown red core; abundant sericite and hem alteration with ≤5% diss. py.; generally little to no veining obs. in this section but, qtz veins and qtz stockwork @ 492.5-495.0 502.5-503.0 Purple lamprophyre? B.G. 503.0-508.0- grey brown grey core- much less blood brown hematite alteration as obs. At 492.5-503.0 - abundant poorly defined qtz veins. 'carbonate brown' alteration obs. with chl, epidotization and silicification - diss. py (medium green) ≤6%

SAMPLE NO.	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ TON AU	OZ TON	
842	32	436	441	5			<.001		
842	33	441	446	5			<.001		
842	34	446	451	5			<.001		
842	35	451	455	4			<.001		
842	36	455	461	5			<.001		
842	37	461	465	4			<.001		
842	38	465	471	6			0.002		
842	39	471	475	4			<.001		
842	40	475	481	6			<.001		
842	41	481	486	5			<.001		
842	42	486	488.5	2.5			<.001		
842	43	488.5	491.0	2.5			0.029		
842	44	491.0	493.5	2.5			0.012	0.024/7.5	
842	45	493.5	496.0	2.5			0.030		
842	46	496.0	498.5	2.5			<.001		
842	47	498.5	501.0	2.5			<.001		
842	48	501.0	503.5	2.5			<.001		
842	49	503.5	506.0	2.5			<.001		
842	50	506.0	508.5	2.5			0.024		
842	51	508.5	511.0	2.5			0.012	0.018/5	
842	52	511.0	513.5	2.5			0.002		
842	53	513.5	516.0	2.5			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	%	OZ TON	OZ TON	
		core is streaked (color streaked) brown, grey and green due to varying alterations - yielding a shear foliation at 44° to C.A.										
		508-509.0 - grey green to pistachio green core with some brownish section (brown carb sericite?) chl. epidote alterations are strongest with some silicification.										
		509.0-512.5 as 503-508 - a stockwork veining in altered core potentially multigenerational veining (2 generationa) 5% py.										
512.5	529.0	Basalt as at 144' - qtz veining with assoc. diss. py. and minor epidote chl. sericite alterations continue from above described alteration zone, to 528.0, where they become only occasionally observed and look geologically like a regional epidote style alteration again.	84254		516	521.0	5			<.001		
			84255		521.0	526.0	5			0.001		
			84256		526.0	531.0	5			<.001		
			84257		531.0	536.0	5			<.001		
			84258		536.0	541.0	5			<.001		
529.0	557.0	Interbanded Basalt and Diabasic Basalt. Diabasic Basalt is relatively f.gr. (≤0.5mm hbds) some regional epidotitic alteration.	84259		541.0	546.0	5			<.001		
			84260		546.0	551.0	5			<.001		
			84261		551.0	556.0	5			<.001		
			84262		556.0	561.0	5			<.001		
			84263		561.0	566.0	5			<.001		
			84264		566.0	571.0	5			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
557.0	687.2	Diabasic Basalt									
		as at 425.6 - homogenous f.gr. texture hbd. grains 1.0mm; at depth the grain size increases and amphibules take on a prismatic needle shape (crystals 2.0mm)	842	65	571.0	576.0	5			0.001	
			842	66	576.0	581.0	5			<.001	
			842	67	581.0	586.0	5			<.001	
			842	68	586.0	591.0	5			<.001	
			842	69	591.0	596.0	5			<.001	
		At 606-610 - qtz veins and fractures of massive Py. ($\frac{1}{4}$") obs. in cont. with no to very little assoc. sulfides.	842	70	596.0	601.0	5			<.001	
			842	71	601.0	606.0	5			<.001	
		612-612.8 - as above.	842	72	606.0	611.0	5			<0.013	
		612.8-613.2 - epidotization yields pistachio green color to ground matrix.	842	73	611.0	616.0	5			<.001	
			842	74	616.0	621.0	5			<.001	
			842	75	621.0	626.0	5			<.001	
		At 618.2-618.6 - as above at 612.8-613.2	842	76	626.0	631.0	5			<.001	
		At 625 - diabasic basalt is coarser grained hbd xl's ≤5mm in prismatic needle form. Grain size varies slightly in a matter of 1-2m ft.	842	77	631.0	636.0	5			<.001	
			842	78	636.0	641.0	5			<.001	
			842	79	641.0	646.0	5			<.001	
			842	80	646.0	651.0	5			<.001	
		-occasional qtz calcite epidote veins observed as per regional metamorphism.	842	81	651.0	656.0	5			<.001	
			842	82	656.0	661.0	5			<.001	
		- diss py. 2% as per usual, observed in patches within the core.	842	83	661.0	666.0	5			<.001	
			842	84	666.0	671.0	5			<.001	
		At 650.5-651.4 - epidotization as at 612.3	842	85	671.0	676.0	5			<.001	
		667.0-667.9 - " as at "	842	86	676.0	681.0	5			<.001	
		672.0-672.5 - " as at "	842	87	681.0	686.0	5			<.001	
		707.0-710.5 - " as at "									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS AU OZ TON	ASSAYS OZ TON
		Intermittent minor interbeds of Basalt , within the diabasic basalt obs at 662.0-666.2 670.0-672.5 725.0-727.2	842	88	686.0	691.0	5			<.001	
			842	89	691.0	695.4	4.4			<.001	
			842	90	695.4	696.0	0.6				
			842	91	696.0	701.0	5			<0.002	
687.2	699.8	Basalt	842	92	701.0	706.0	5			<.001	
		as at 144 - occasional section of diabasic basalt obs. epidotization is more common in this section than the previous diabasic basalt. It occurs as per the regional tendency, in minor hairline fractures, associated with, minor chl. qtz and sericite alterations.	842	93	706.0	711.0	5			<.001	
			842	94	711.0	716.0	5			<.001	
			842	95	716.0	721.0	5			<.001	
			842	96	721.0	726.0	5			<.001	
			842	97	726.0	731.0	5			<.001	
			842	98	731.0	736.0	5			<.001	
			842	99	736.0	741.0	5			0 .001	
		At 695.4-696.0 - 'Alteration Zone' potentially ore material, qtz, chl. epidote, hem., bearing shear foliated core with sulfides (2%).	843	00	741.0	746.0	5			<.001	
			843	01	746.0	751.0	5			<.001	
			843	02	751.0	756.0	5			<.001	
699.8	756.0	Diabasic Basalt - epidotization at 706-709 720.9-721 722.5-722.6 grain is coarse but varies within a few feet. Hornblende tend to prismatic crystal structure. Qtz veins at 726.0-728.0 732.1-732.2 (with assoc. Py)									
	756.0	EOH									

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: GARRISON PROJECT
HOLE NO.: PBI-G-88-8 LENGTH: 606ft
LOCATION: Metric Grid South Half
LATITUDE: 1+90N DEPARTURE: 10+00W
ELEVATION: AZIMUTH: Grid North DIP: -50°
STARTED: Feb 23 88 FINISHED: Feb 25 88

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	50°	GridN			
206	46.5°	GridN			
406	46.0°	GridN			
606	46.0°	GridN			

HOLE NO. G-88-8 SHEET NO. 1
REMARKS: Tests steep Mag gradient
LOGGED BY: L. Paulsen

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AU	ASSAYS OZ/TON
0	11	Casing - overburden									
11.0	32.5	Basalt - V.f.g. gr. to aphanitic homogenous texture; grey green to black-green in color. - contains minor sections of coarser grained core. - shear zone at 28.2-30.0	843 03		11.0	16.0	5			<.001	
			843 04		16.0	21.0	5			<.001	
			843 05		21.0	26.0	5			<.001	
			843 06		26.0	31.0	5			<.001	
			843 07		31.0	36.0	5			<.001	
			843 08		36.0	41.0	5			<.001	
32.5	45.2	Diabasic Basalt F. to medium gr. homogenous texture. - regional alteration expressed in hairline fractures with epidote-sericite fill. ±qtz ±py.	843 09		41.0	46.0	5			<.001	
			843 10		46.0	48.5	2.5			<.001	
			843 11		48.5	51.0	2.5			<.001	
			843 12		51.0	53.5	2.5			<.001	
			843 13		53.5	56.0	2.5			<.001	
45.2	46.4	Basalt as at 11.0	843 14		56.0	61.0	5			<.001	
46.4	56.0	Altered Baslts (silicified) - basalt breccia with strong qtz vein stockwork (fracture fill) (devoid of pyrite) - some qtz flooded zones - core is light grey -green grey due to silicification and minor alteration to sericite, chl ±hem ±carb	843 15		61.0	66.0	5			<.001	
			843 16		66.0	71.0	5			<.001	
			843 17		71.0	76.0	5			<.001	
			843 18		76.0	81.0	5			<.001	
			843 19		81.0	86.0	5			<.001	
			843 20		86.0	91.0	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
		- No shearing evidence (or mylonite textures)									
		- core continues to be magnetic.									
			843	21	91.0	96.0	5			<.001	
			843	22	96.0	101.0	5			<.001	
			843	23	101.0	106.0	5			<.001	
			843	24	106.0	111.0	5			<.001	
			843	25	111.0	116.0	5			<.001	
			843	26	116.0	121.0	5			<.001	
			843	27	121.0	126.0	5			0.002	
			843	28	126.0	131.0	5			0.001	
			843	29	131.0	136.0	5			<.001	
			843	30	136.0	141.0	5			<.001	
			843	31	141.0	146.0	5			<.001	
			843	32	146.0	151.0	5			<.001	
			843	33	151.0	156.0	5			<.001	
			843	34	156.0	161.0	5			<.001	
			843	35	161.0	166.0	5			<.001	
			843	36	166.0	171.0	5			<.001	
			843	37	171.0	176.0	5			<.001	
			843	38	176.0	181.0	5			<.001	
56.0	154.0	Diabasic Basalt (coarser basalt)									
		F. medium grained 2 homogenous textures.									
		- relatively unaltered with minor sections exhibiting epidotization and occasional hairline fractures with qtz epidote sericite fill.									
		- minor zones of epidotization at 90.1-91.0									
		- grain size varies slightly through core every 2-3' but is generally similar.									
154.0	180.0	Interbedded Diabasic Basalt and Massive Basalt									
		Str. epidotization at 169.0-175.0									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS		ASSAYS OZ TON	ASSAYS OZ TON	
										AU		
180.0	266.0	Diabasic Basalt- as per 56.0	843	39	181.0	186.0	5			<.001		
			843	40	186.0	191.0	5			<.001		
			843	41	191.0	196.0	5			<.001		
			843	42	196.0	201.0	5			.003		
			843	43	201.0	206.0	5			<.001		
			843	44	206.0	211.0	5			<.001		
			843	45	211.0	216.0	5			<.001		
			843	46	216.0	221.0	5			<.001		
			843	47	221.0	226.0	5			<.001		
			843	48	226.0	231.0	5			<.001		
			843	49	231.0	236.0	5			<.001		
			843	50	236.0	241.0	5			<.001		
			843	51	241.0	246.0	5			<.001		
			843	52	246.0	251.0	5			<.001		
			843	53	251.0	256.0	5			<.001		
			843	54	256.0	261.0	5			<.001		
			843	55	261.0	266.0	5			<.001		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS oz/ton AU	ASSAYS oz/ton Checks
266.0	288.5	Black cherty - argillaceous Metasediments.	843	56	266.0	271.0	5	0.002	
		- homogenous aphanitic texture.	843	57	271.0	276.0	5	<.001	0.002
		- qtz flooding - silicification gives core a light greyish concentrations of sulfides abs. at 271.3-271.4, 275.6-275.7	843	58	276.0	281.0	5	<.001	
			843	59	281.0	286.0	5	<.001	
			843	60	286.0	291.0	5	<.001	
			843	61	291.0	296.0	5	<.001	
		- At top of unit, (268) Intricate stocklike qtz veining with associated sulfides and chl. - epidote alteration. 268.5-269.8	843	62	296.0	301.0	5	<.001	
			843	63	301.0	306.0	5	<.001	
			843	64	306.0	311.0	5	<.001	
		- Larger milky white qtz veins in stockwork obs. at 272.0-275.0	843	65	311.0	316.0	5	<.001	
		- Minor shear foliation with concordant qtz veins and associated py, chl, epidote alt. at 284.0-284.4							
288.5	311.0	Basalt							
		F.gr homogenous texture; grey-green rock.							
		- occasional regional qtz epidote, chl, sericite stringers.							
		- clay-sericite alteration in narrow sections, ie. 2960-311.0							
		- isolated small widths with 2% diss. py.							
		-minor sections of black cherty metasediments?							
		-minor qtz veins and assoc. silicification and epidote 299.5-299.7							
		348.8-349.0							

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
		-A brittle flow top breccia obs. at 295.0-307.0	843	66	316.0	321.0	5			0.002	
			843	67	321.0	326.0	5			<.001	
			843	68	326.0	331.0	5			<.001	
311.0	351.0	Diabasic Basalt	843	69	331.0	336.0	5			0.002	
		wkly -mod. magnetic	843	70	336.0	341.0	5			<.001	
		coarser gr. homogenous basalt	843	71	341.0	346.0	5			<.001	
351.0	356.0	Basalt (possibly tuff)	843	72	346.0	351.0	5			0.001	
		aphanitic to v.f.gr black, occasionally foliated.	843	73	351.0	356.0	5			0.003	
			843	74	356.0	361.0	5			<.001	
356.0	385.5	Diabasic Basalt - as per 311.0	843	75	361.0	366.0	5			<.001	
			843	76	366.0	371.0	5			.002	
			843	77	371.0	376.0	5			<.001	
			843	78	376.0	381.0	5			<.001	
			843	79	381.0	386.0	5			<.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
385.5	387.5	Basalt									
		- massive as per 11.0	843	80	386.0	391.0	5			<.001	
		aphanitic to v.f. gr.	843	81	391.0	396.0	5			<.001	
			843	82	396.0	401.0	5			<.001	
387.5	439.9	Diabasib Basalt	843	83	401.0	406.0	5			<.001	
		as per 356.0	843	84	406.0	411.0	5			<.001	
		- very minor sections of basalt. as at 385.5 are observed to 398.0	843	85	411.0	416.0	5			<.001	
			843	86	416.0	421.0	5			<.001	
		- very little regional epidote alteration is seen.	843	87	421.0	426.0	5			<.001	
		Epidote stringers at 419.0-419.2	843	88	426.0	431.0	5			<.001	
			843	89	431.0	436.0	5			<.001	
439.9	449.0	Basalt	843	90	436.0	441.0	5			<.001	
		aphanitic to med, gr, basalt	843	91	441.0	446.0	5			<.001	
		minor sections of dianasic looking basalt	843	92	446.0	451.0	5			<.001	
449.0	480.0	Argillaceous and Cherty Metasediments	843	93	451.0	456.0	5		0	.005	
		- light grey to green grey core - cherty fracture	843	94	456.0	461.0	5			<.001	
		-aphanitic grain size silicious looking on fracture surfaces	843	95	461.0	466.0	5			<.001	
			843	96	466.0	471.0	5			<.001	
		- occasional bedding - (Varve type bedding); bedding at 64° to C.A.	843	97	471.0	476.0	5			<.001	
			843	98	476.0	481.0	5			<.001	
		- abundant regional alteration - hairline veinlets of epidote sericite alteration.	843	99	481.0	486.0	5			<.001	
			844	00	486.0	491.0	5			<.001	
		- some minor beds look like qtz veins but are really orthoqtzitic units.									
		- occasional sections of Sandstone sized grains									

DIAMOND DRILL RECORD

NAME OF PROPERTY. _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON AU	ASSAYS OZ TON
480.0	507.0	Massive Basalt									
		as at 439.9	840	01	491.0	496.0	5			<.001	
		primarily f. medium green homogenous texture of hbd and	840	02	496.0	501.0	5			<.001	
		plag. prismatic (needly) hornblends obs. occasionally	840	03	501.0	506.0	5			<.001	
		which appear to be secondary crystals.	840	04	506.0	511.0	5			<.001	
		<2% diss med. gr. py.	840	05	511.0	516.0	5			0.008	
		minor hairline fractures of regional alteration.	840	06	516.0	521.0	5			<.001	
			840	07	521.0	523.5	2.5			0.003	
507.0	535.0	Metasediments: Argillaceous and Cherty Metasediments	840	08	523.5	526.0	2.5			<.001	
		(minor interbeds of basalt at 510.5-511.0).	840	09	526.0	531.0	5			<.001	
		grey to green-black core.	840	10	531.0	536.0	5			<.001	
		- occasional evidence of regional alteration in hairline	840	11	536.0	541.0	5			<.001	
		fractures - <2% Py.	840	12	541.0	546.0	5			<.001	
		metaseds change from a cherty tuffaceous massive unit	840	13	546.0	551.0	5			<.001	
		(light grey) to a black argillitic unit at 527.0									
		- minor breccia with qtz veins, hematite Py and Chl.									
		filled fractures at 522.0-523.0									
535.0	549.0	Qtz vein breccia at 548.0-549.0									
		- likly of no consequance - No sulfides.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
549.0	553.0	Metaseds: black argillite as 527-535.0 V.f. gr.- aphanitic massive black argillaceous unit with diagnostic fracture pattern. Py bearing.
553.0	558.0	Metaseds: Cherty siliceous unit as 507.0-527.0 light grey colored.
558.0	606.0	Massive Basic Volcanics - black green, aphanitic homogenous texture. - minor hairline fractures of regional altration. - minor diss Py in isolated sections.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	AU OZ TON	OZ TON
840	14	551.0	556.0	5			<.001	
840	15	556.0	561.0	5			<.001	
840	16	561.0	566.0	5			<.001	
840	17	566.0	571.0	5			<.001	
840	18	571.0	576.0	5			<.001	
840	19	576.0	581.0	5			<.001	
840	20	581.0	586.0	5			<0.01	
840	21	586.0	591.0	5			0.003	
840	22	591.0	596.0	5			<.001	
840	23	596.0	601.0	5			<.001	
840	24	601.0	606.0	5			<.001	

ta Patent
e Patent

38847

38848

39257

40088

38849

39255

Deloye Patent

737282

737283

737284

737285

0.018
5.0'
0.024
7.5'
PRI-G-88-8
Main Alteration Zone
0.02
30'
PRI-G-88-7
SVS-56
SVS-55

15+00 W 14+00 W 13+00 W 12+00 W 11+00 W 10+00 W 9+00 W 8+00 W 7+00 W 6+00 W 5+00 W 4+00 W 3+00 W 2+00 W 1+00 W 0+00 1+00 E 2+00 E 3+00 E 4+00 E 5+00 E 6+00 E 7+00 E 8+00 E 9+00 E 10+00 E 11+00 E 12+00 E 13+00 E

795104

795105

789859

789860

789861

789862

789805

789806

803549

795106

789868

789867

789866

789865

Silverside Resources Inc.

Garrison Township Project

Garrison and Thackery Townships

PROPERTY MAP

63.5199

1:5000

0 100 200 300 400 500
metres

Map 2A

OM87-6-280

63.5199

al Contact

Facing

l Drill Hole

i Diamond Drill Hole

ast (located)

ine

roup Line

Silverside Resources Inc.

Garrison Township Project

Garrison Township, Ontario

MAIN ZONE DRILL PLAN

1:2500

0 50 100 150 200 250

metres

Geology by: R. Clark **Map 1**

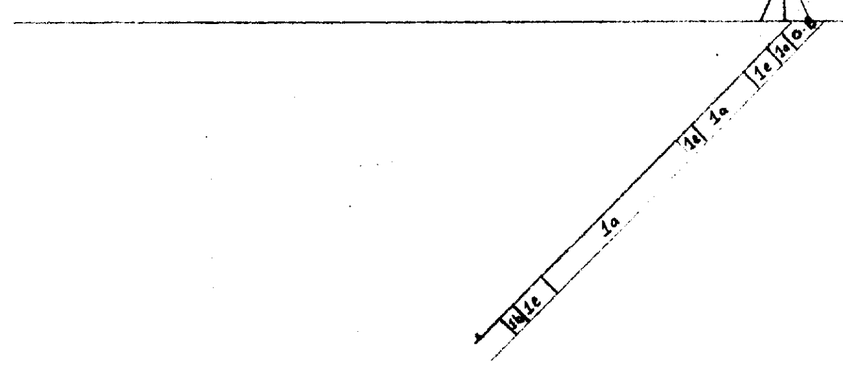
OM87-6-L-280

— 32+00S
— T.// Sample 87MG 25.
— 32+50S
— 33+00S
— 33+50S
— 34+00S
— 34+50S
— 35+00S

PRI-G-88-3A

055°

PRI-G-88-3A



— 50'
— 100'
— 1150'
— 2100'
— 2150'

288 to 292' down hole

— 3+00'

PROTEUS RES. INC.
GARRISON PROJECT

D.D.H SECTION 4+00E
DDH# PRI-G-88-3A
Drilling Grid N 135'
Dip = 45°
Scale 1": 40' MARCH 1988

4= Garrison Stock

1= Mafic Volcanics

a= flows

b= tuffs

c= interlayered flows + tuffs

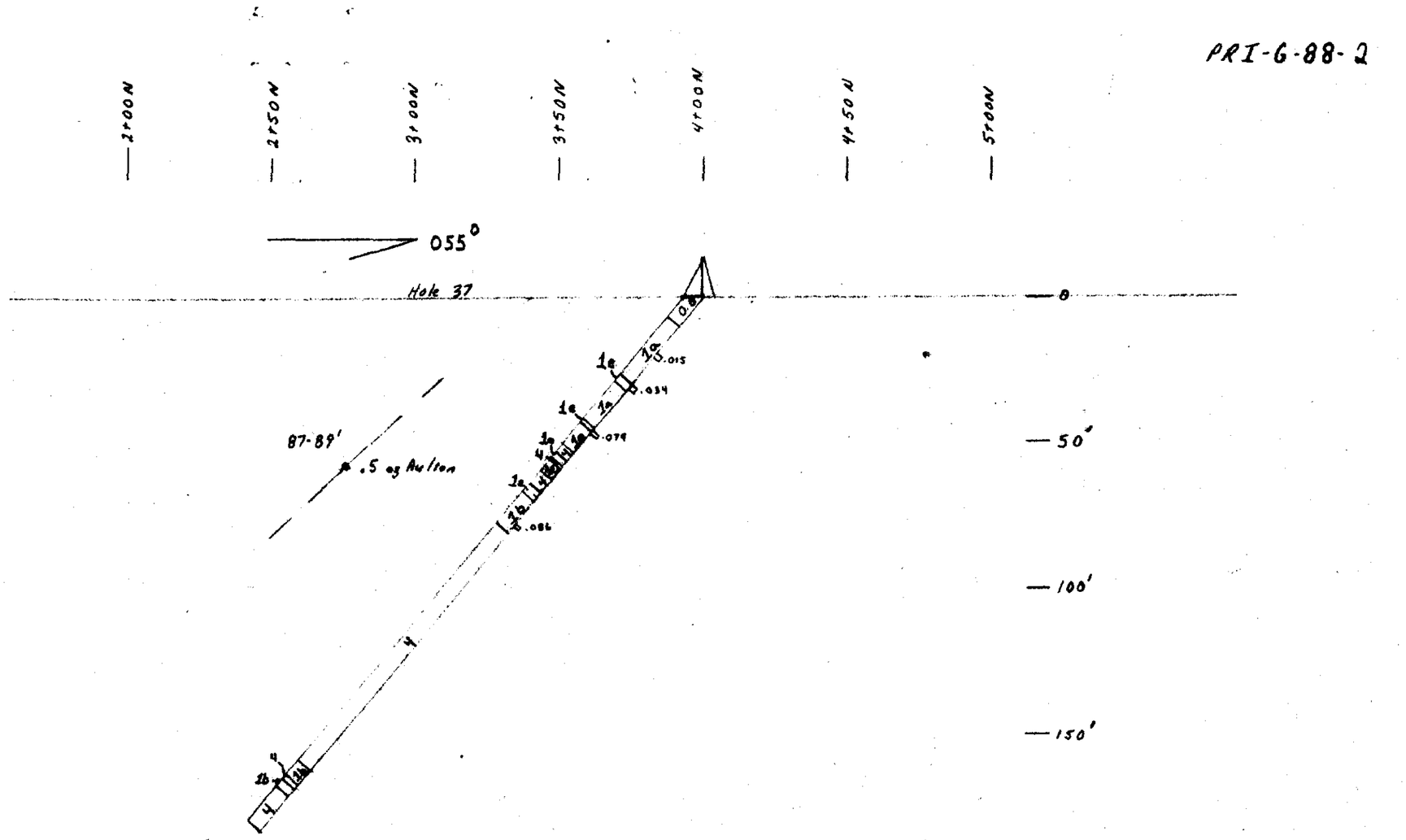
d= basaltic flows

e= alteration

63.5199

OM87-6-L-280

PRI-G-88-2



PROTEUS RES. INC.
D.D.H. SECTION 0+00E.
Drilling Grid S 245'
DDH # PRI-G-88-2
Dip = 50°
Scale 1". 40 Feet.

LEGEND:

4 = Garnison Stack

1 = Mafic Volcanics

a = flows

b = tuffs

C = interlayered flows and tuffs

d = basaltic flows - diabasic textured

e = alteration

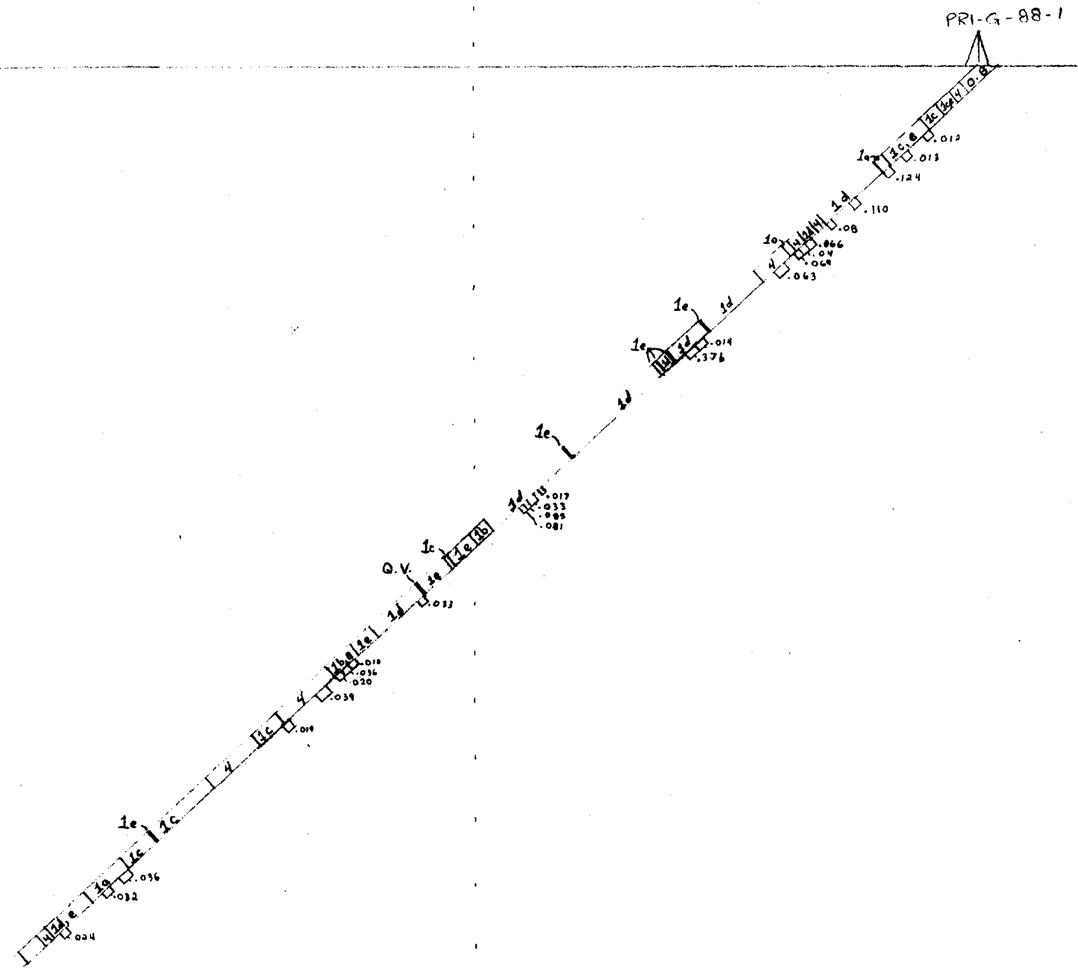
63.5199

0187-6-L-280

4+00W | 3+50W | 3+00W | 2+50W | 2+00W | 1+50W | 1+00W | 0+50W | 0+00E | 0+50E

PRI-G-88-1

235°



Resistivity Low

PROTEUS RES. INC.
GARRISON PROJECT
D.D.H SECTION 2+60N
DDH # PRI-G-88-1
Drilling Grid W 500'
Dip = 45°
Scale 1" : 40 Feet MARCH 1988

4 = Garrison Stock

1. Mafic Volcanics
   - a = flows
   - b = tuffs
   - c = interlayered flows and tuffs
   - d = basaltic flows
   - e. alteration

Q.V. = Quartz Vein

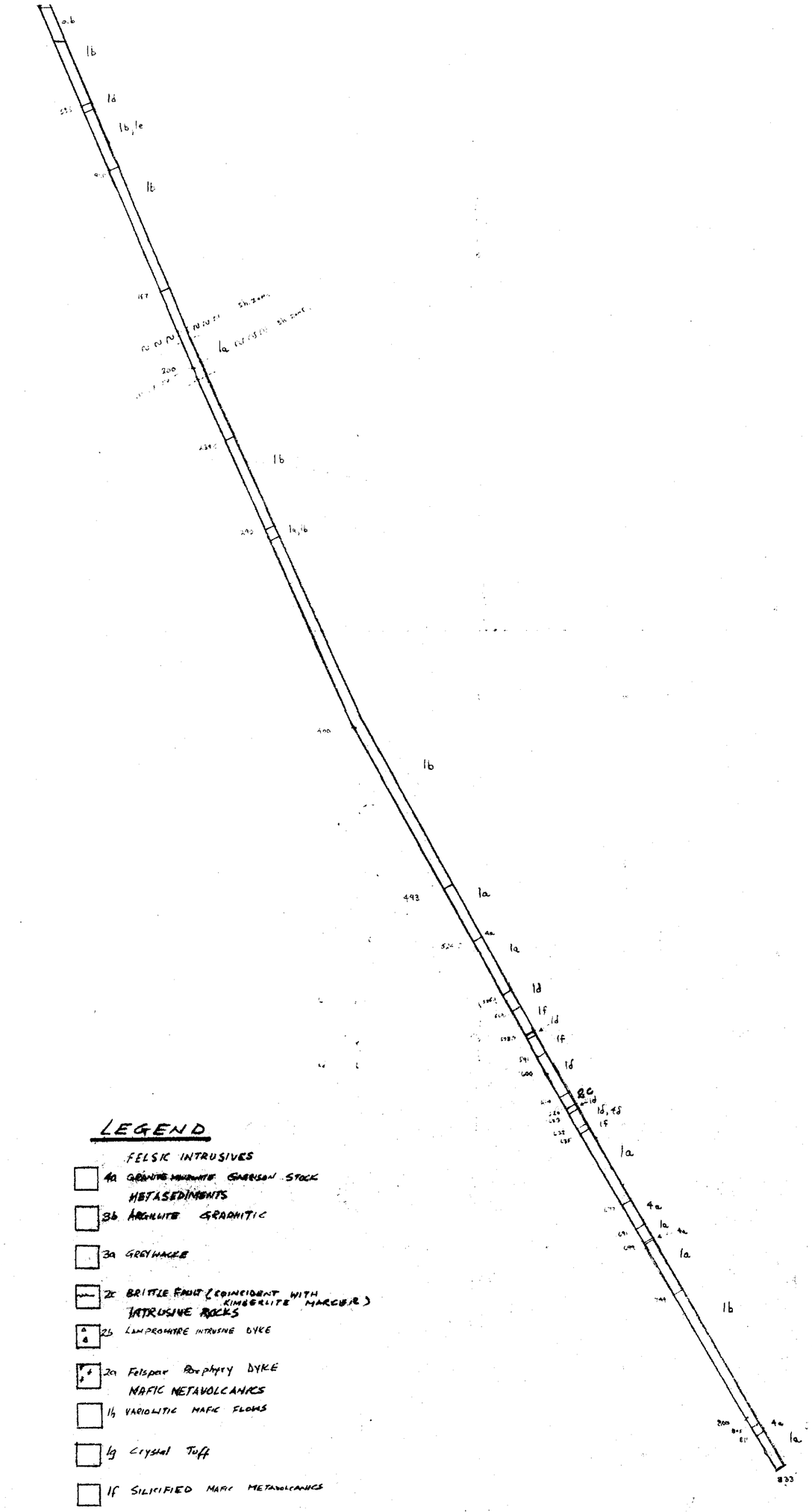
63.5199

OM87-G-L-280

- 5+00 S | - 4+50 S | - 4+00 S | - 3+50 S | - 3+00 S | - 2+50 S | - 2+00 S | - 1+50 S | - 1+00 S | - 0+50 S | BL

— ∠ 4+00 E

88-G-4



LEGEND

FELSIC INTRUSIVES

- 4a GRANITE MONZONITE GARRISON STOCK

METASEDIMENTS

- 3b ARGILLITE GRAPHITIC
- 3a GREYWACKE
- 2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARGIN)

INTRUSIVE ROCKS

- 2b LAMPROPHYRE INTRUSIVE DYKE
- 2a Felspar Porphyry DYKE

MAFIC METAVOLCANICS

- 1h VARIOLITIC MAFIC FLOWS
- 1g Crystal Tuff
- 1f SILICIFIED MAFIC METAVOLCANICS
- 1e Epidote Alteration Zone
- 1d MAIN ALTERATION ZONE (MAIN MINERALIZED ZONE)
- 1c Mafic Tuff
- 1b Biotasic Textured Mafic Metavolcanics
- 1a MAFIC LAVA FLOW MASSIVE UNALTERED

PROTEUS RES. INC.

GARRISON PROJECT

DDH SECTION 4+00 EAST ZONE 5

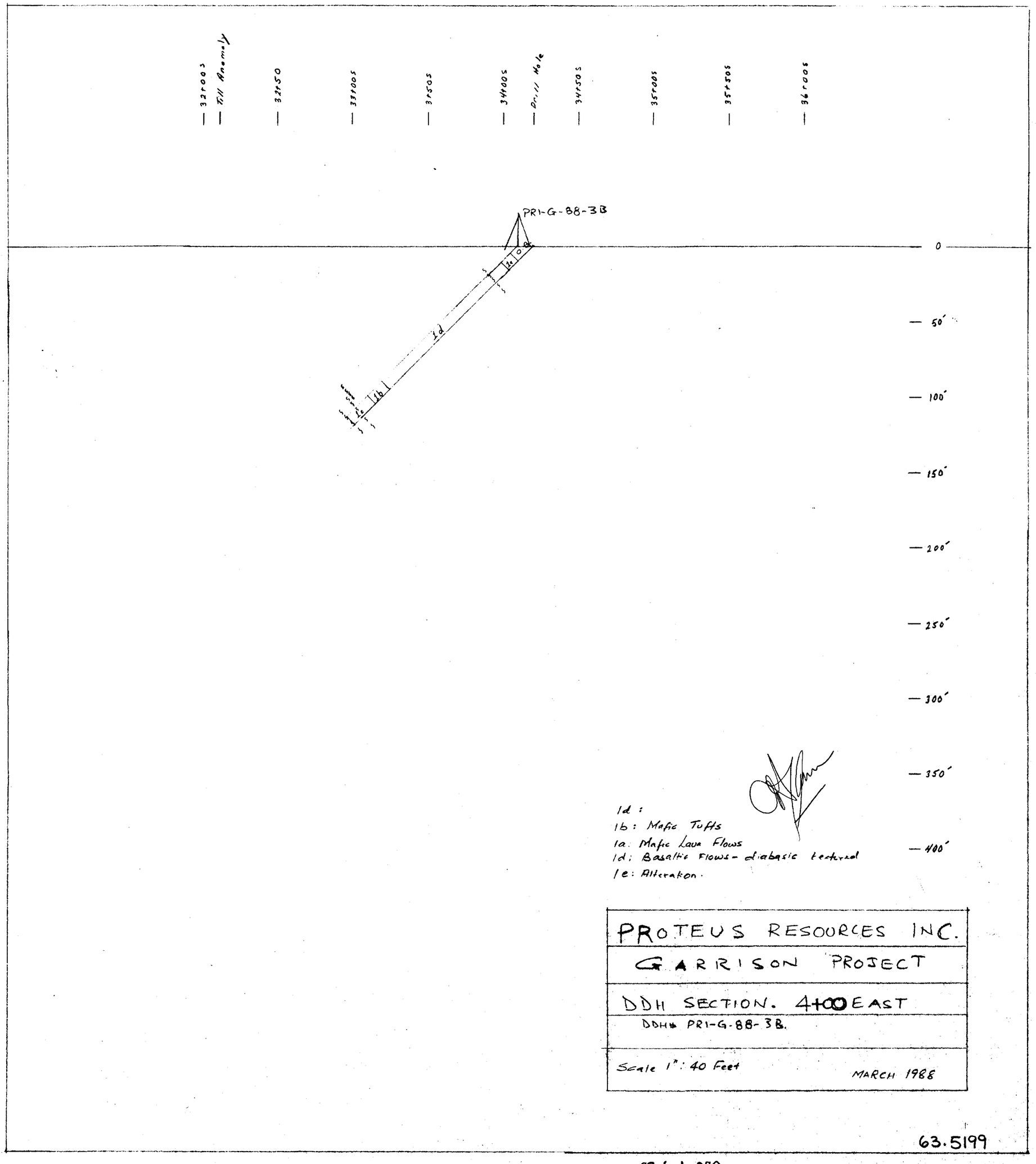
DDH # PR1-G-88-4.

Scale 1":40'

March/88

63.5199

DM87-6-L-280

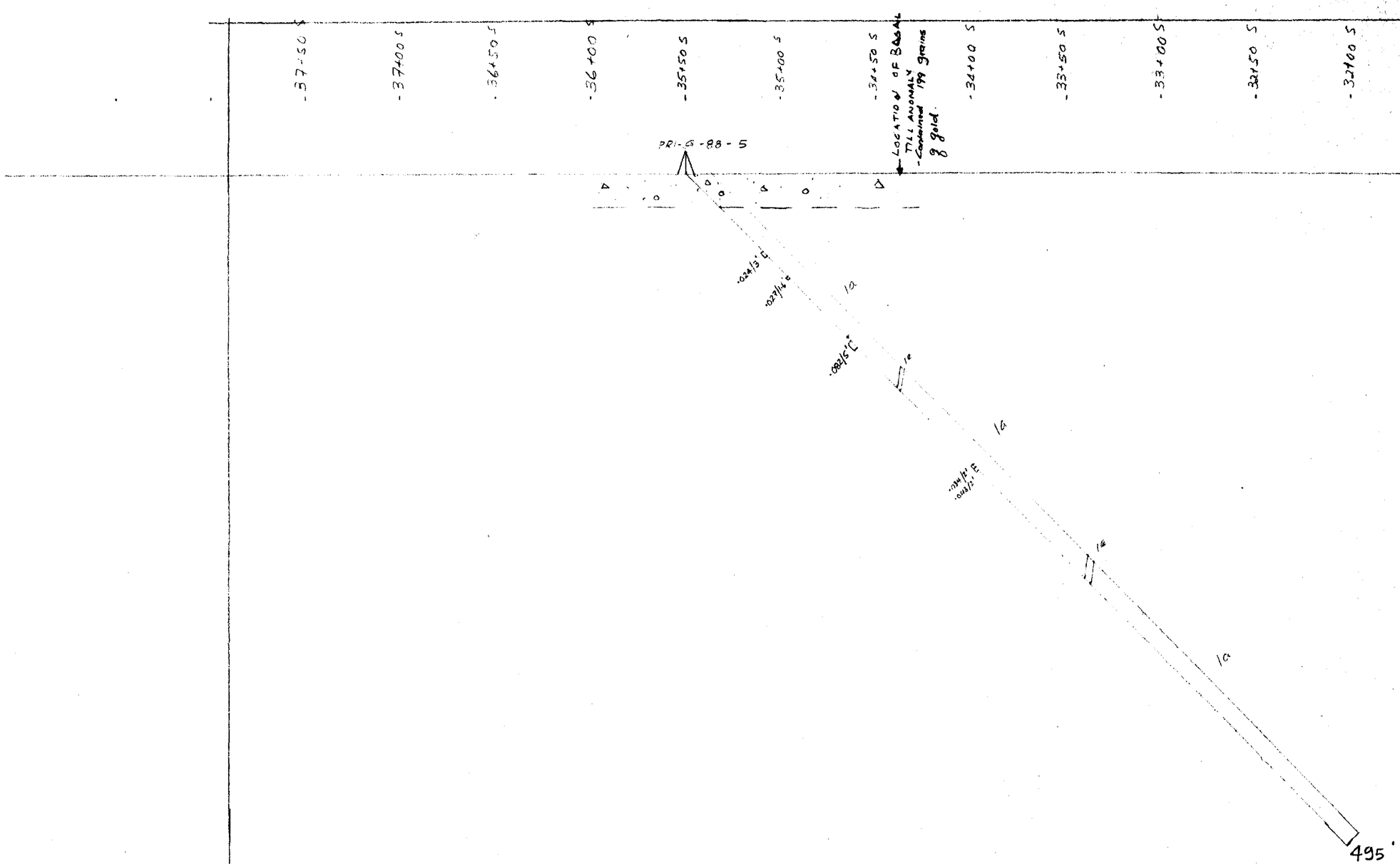


1d :
1b : Mafic Tuffs
1a: Mafic Lava Flows
1d: Basaltic Flows - diabasic textured
1e: Alteration.

PROTEUS RESOURCES INC.
GARRISON PROJECT
DDH SECTION. 4+00 EAST
DDH# PR1-G-88-3B.
Scale 1": 40 Feet MARCH 1988

63.5199

OM87-6-L-280

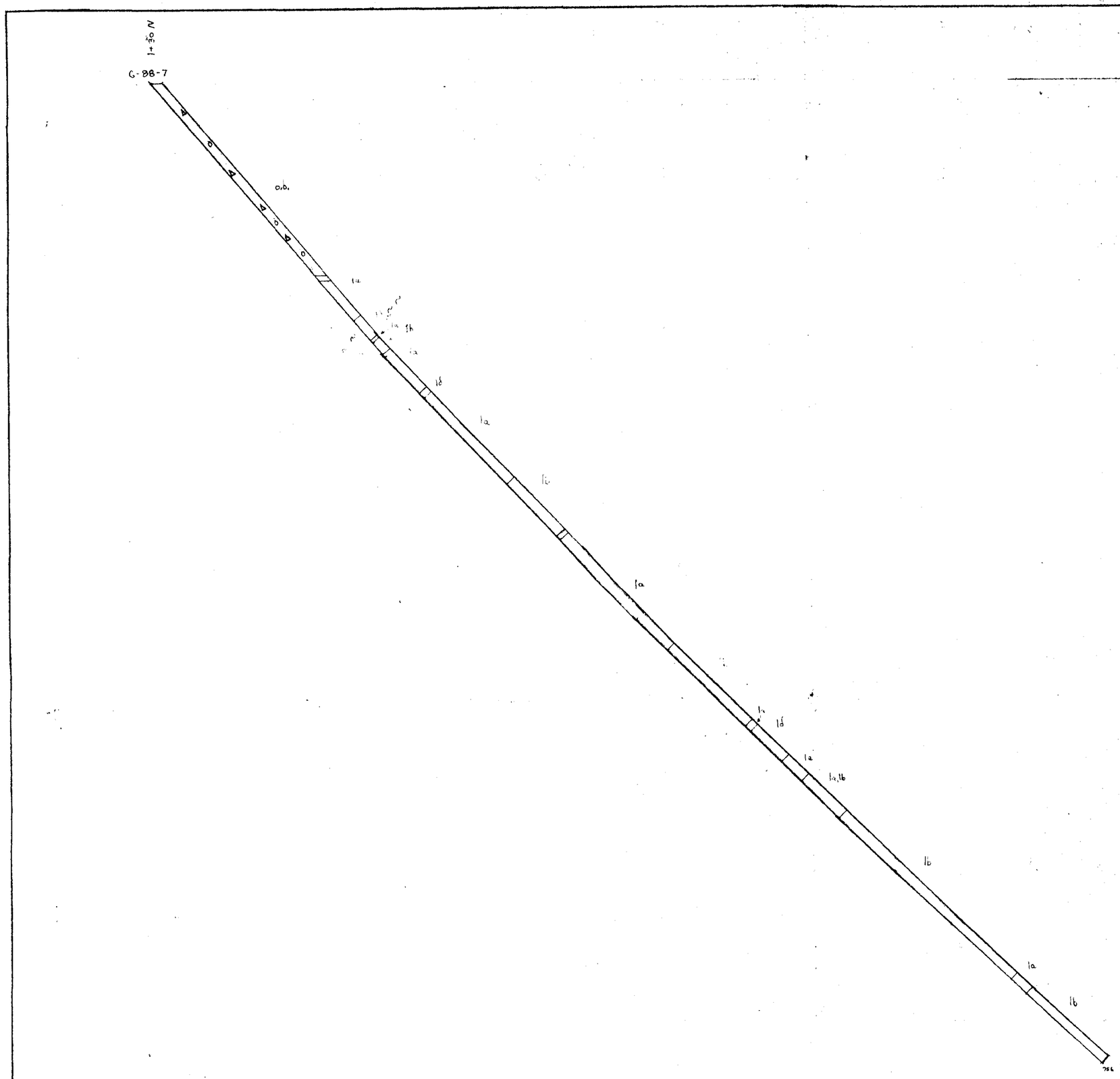


1e: Altered Basalts
1a: Basaltic Lava Flows

PROTEUS RES. INC. GARRISON PROJECT
DDH SECTION 0+00 DDH # PRI-G-88-5
Scale 1": 40 Feet April 1988

63.5199

OM87-6-L-280



LEGEND

MAFIC METAVOLCANICS

- 1h variolitic Mafic FLOWS
- 1g CRYSTAL TUFF
- 1f SILICIFIED MAFIC METAVOLCANICS
- 1e Epidote Alteration Zone
- 1d Main Alteration Zone (Main Mineralized Zone)
- 1c Mafic Tuff
- 1b DIABASIC TEXTURED MAFIC METAVOLCANICS
- 1a Mafic Lava FLOW Massive unaltered

PROTEUS RES. INC.

GARRISON PROJECT

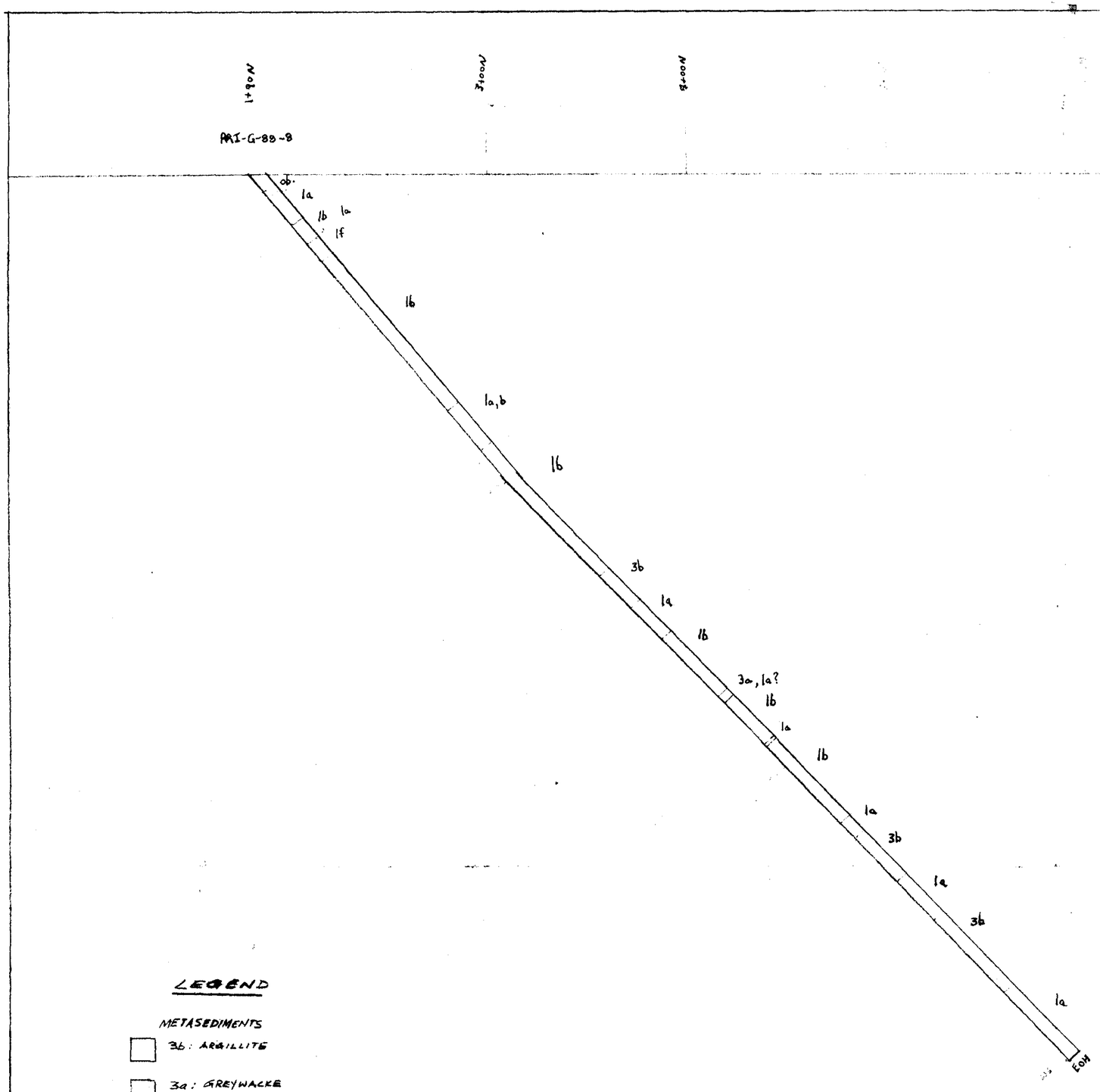
DDH SECTION 5+00 WEST

DDH: PRI-G-88-7 METRIC GRID

SCALE 1":40' MARCH 1988

63.5199

OM87-6-L-280



LEGEND

METASEDIMENTS

- 3b: ARGILLITE
- 3a: GREYWACKE

MAFIC METAVOLCANICS

- 1f: Silicified Mafic Metavolcanics
- 1b: Diabasic Textured Mafic Metavolcanics
- 1a: Mafic Lava FLOW

PROTEUS RES. INC.

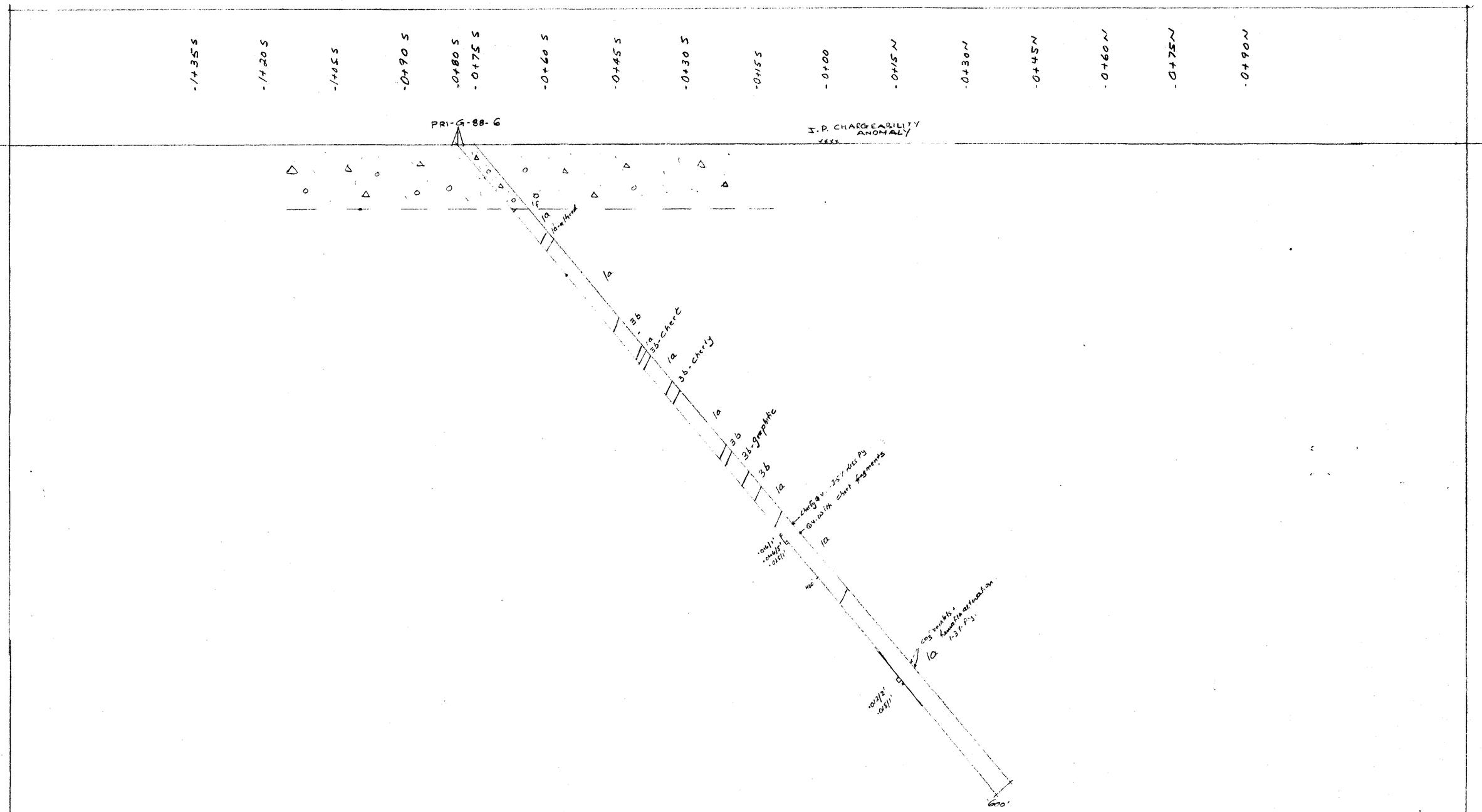
GARRISON PROJECT

DDH SECTION 10+00 WEST: METRIC GRID
DDH # PRI-G-88-8

SCALE 1": 40' MARCH/88

63.5199

OM87-6-L-280



Legend

1a: Mafic Metavolcanics - Massive
1f: Silicified Mafic Metavolcanics
3b: Argillite - Siltstone

PROTEUS RES. INC.
GARRISON PROJECT

D.D.H. SECTION
26+00 WEST (METRIC GRID)
DDH # PRI-G-88-6

Scale 1": 40 Feet April 1988

63.5199

300

DM87-6-L-280

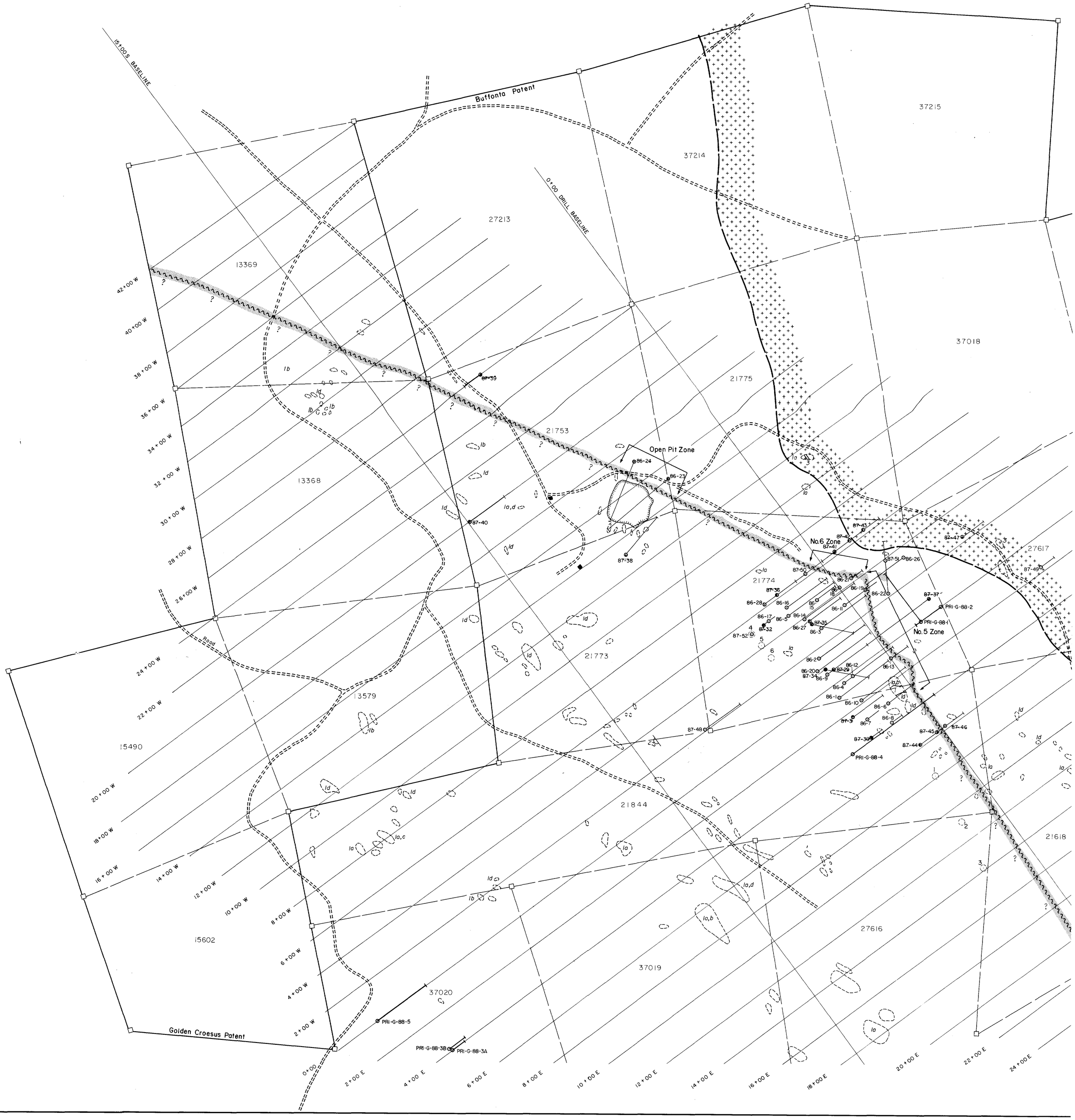
37323
37215
37214
27213
13369
37021
37018
21775
21753
13368
37022
27617
Open Pit
21774
#6 Zone
#5 Zone
Main Drill Zone
21773
13579
37023
15490
Golden Croesus Patent
Buffonta Patent
21844
21618
Buffonta Patent
Deloye Patent
15602
38847
27616
37019
37020
38817
37025
38848
37024
37026
40088
40022
39257
40194
40195
38849
737279
737281
39255
SVS-54
SVS-52
Deloye Patent
737276
737278
737280
737282
737283
737284
737285
0.018
5.0'
0.024
7.5'
PRI-G-88-8
Main Alteration Zone
0.02
30'
PRI-G-88-7
SVS-56
795101
Orecar Lake
795102
795103
795104
795105
789859
0.039
7.0'
PRI-G-88-6
SVS-55
795802
795803
795804
789805
789806
803549
795106
Restricted Ground
789868
Garrison Twp.
Thackery Twp.

10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
Base Line 0+00
1+00S
2+00S
3+00S
4+00S
5+00S
6+00S
7+00S

28+00W 27+00W 26+00W 25+00W 24+00W 23+00W 22+00W 21+00W 20+00W 19+00W 18+00W 17+00W 16+00W 15+00W 14+00W 13+00W 12+00W 11+00W 10+00W 9+00W 8+00W 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W 1+00W 0+00

LEGEND

- Claim post (located)
- Claim Group Line
- Surveyed Grid Line
- Diamond Drill Hole



LEGEND

- Alteration Zone (Pale buff to brown, dominantly silicified)
- Granite Stock (Garrison Stock)
- *Ia* Fine grained massive Fe rich basalt (Strongly magnetic)
- *Ib* Fine grained massive Mg rich basalt (Moderatly magnetic)
- *Ic*
- *Id* Pillow flows

Symbols

- Geological Contact
- Fault
- Outcrop
- Pillow Facing
- Diamond Drill Hole
- Proposed Diamond Drill Hole
- Claim Post (located)
- Claim Line
- Claim Group Line
- Cabin