GEOLOGICAL REPORT, DIAMOND DRILLING]
GARRISON TOWNSHIP PROPERTY, PHASE II

DIAMOND DRILL HOLE 23 to 58

Phase II of the exploration diamond drilling on the Garrison Property started on November 30/86 and was completed by February 28/87, with a short break (Christmas Holiday). Exploration objective was to increase tonnages on known gold mineralization and to test ancillary targets.

Approximately 15,000 feet of drilling in 36 holes was completed. The programme was supervised by Randy Clark - geologist and assisted by Rob Cinits and Tia Tennent - both geologist.

Exploration drilling was concentrated on zones 6 and 5, with minor amounts of drilling preformed on satellite E-M, I.P. targets. A significant number of ore grade intersections were encountered and are summarized on table 1.

Enclosed with this report are DDH Logs, Plans and Sections. To date a total of 275,000 tons of material grading .17 oz per ton Au has been outlined in zones 6 and 5 of which 40,000 tons grading .21 oz per ton Au can be commercially exploited by open pit.

The property requires additional drill testing on known zones of mineralization and surrounding satellite targets.

May, 1987

Babu Gajaria
Chief Geologist

OM86-5-P-180

Table 1

Hole	Location North	Location East	Az	Dip	Depth Feet	Significant Assays 0.10 oz/Ton Au ft	From	To
SVS-86-2	3+70S	1+00E	55°	-50	547	0.157/10	422 -	432
SVS-86-5	3+30S	4+50N	55°	-50	501	0.130/10	338 -	348
						0.100/10	368 -	378
SVS-86-7	3+10S	3+00E	55°	-60	500	0.168/10	417 -	427
SVS-86-9	3+50	0+50W	55°	-50	571	0.120/5	512 -	517
SVS-86-12	2+35S	0+50E	55°	-50	397	0.137/15	312 -	327
SVS-86-13	0+00	1+00E	55°	-50	180	0.131/10	58 -	68
SVS-86-14	1+15N	3+00W	55°	-50	117	0.136/15	82 -	97
SVS-86-15	1+45S	4+25W	55°	-50	376	0.164/10	252 -	262
SVS-86-16	3+10S	5+00W	55°	-50	414	0.120/5	340 -	345
SVS-86-17	4+35S	5+00W	55°	-50	620	0.145/5	366 -	371
SVS-86-18	0+00N	4+00W	55°	-50	184	0.10/35	92 -	127
SVS-86-19	2+70S	3+75W	55°	-50	512	0.320/1	399 -	400
SVS-86-22	2+00W	2+00N	355°	-50	480	0.235/1.6	248 -	249.6
						0.304/7.8	277 -	284.8
SVS-86-23	4+20S	15+10N	230°	-45	632	0.135/5	73 -	78
						0.18/1	164 -	165
						0.15/10	228 -	238
						0.225/5	228 -	233
						0.45/1	362.8 -	363.8
SVS-86-25	0+80N	4+00W	Vertical		134	0.170/38.2	67 -	105.2
SVS-86-28	4+00S	6+00W	55°	-70	609	0.17/1.6	373.1 -	374.7
SVS-87-30	3+60S	4+00E	-55°	-70	635	0.615/0.3	499.4 -	499.7
						0:16/4	552 -	556
SVS-87-31	3+75S	2+50E	-55°	-70	655	0.435/1.1	510.2 -	511.3
SVS-87-32	4+75S	5+00W	55°	-70	715	0.135/10	586 -	596
SVS-87-37	3+40N	0+50W	235°	-50	1067	0.100/1	370.6 -	379.6
						0.130/8	84 -	92
SVS-87-38	8+72S	13+00W	40°	-55	481	0.105/2	399 -	401
SVS-87-40	14+75S	20+00W	55°	-45	316	0.210/1.3	160.2 -	161.5
SVS-87-44	1+60S	6+00E	55°	-45	177	0.100/4	65 -	69
SVS-87-G-51	2+95N	3+68W	Vertical		296	0.171/1.4	252.1 -	253.5
SVS-87-55 (Orecar Grid)	1+15S	2+00W	360°	-50	601	0.100/1	193 -	194

#63. 4895

OM 86-5-P-180

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

① Consolidated Silver Butte Mines Ltd., Report on Geological & Geochemical Surveys, Claims P-757976 & 977, Chester Tp., J. Bankowski, Feb./87. → See File: #2.9923, Report of Work #52 for 1987

② Diamond Drilling for Con. Silver Butte Mines/ Kerr Addison Mines, Feb/87:

a) Holes # SS-87-G-52, SS-87-G-54 to SS-87-G-56 → See File: GARRISON TP. DDR #30, Report of Work # 311 for 1987

b) Holes # SS-87-G-57 & SS-87-G-58 → See File: THACKERAY TP. DDR # 17, Report of Work # 311 for 1987

DIAMOND DRILL RECORD

New Grid 1510 W ; 4120 South.

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-86-G-23 LENGTH 632 Feet
LOCATION Open Pit Mine Grid
LATITUDE 3460N DEPARTURE 4440E
ELEVATION ____ AZIMUTH 230° DIP -45°
STARTED Nov 30/86 FINISHED Dec 5/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
250	-45°				
632	-44°				

HOLE NO. ____ SHEET NO. 1
REMARKS ____

LOGGED BY R. CLARK

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	18	Casing.	45511	-	43	48				.02	
18	58.7	Interminately altered granite: medium grained massive pink granite cut with occassional hairline to 1/8" white quartz stringers with ½ to 1/8" bleached pale orange alteration haloes - trace sulphides where altered - occassional mafic volcanic fragment present. At 53' a 3" fragment? of cherty material, banded at 45° to CA. -dirty appearance, transparent to translucent with 1-2mm. blue subhedral crystals aligned parallel banding -blue quartz? possibly?	45512	-	48	53				.005	

LANGRIDGES – TORONTO – 366-1168

COPY 1

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
58.7	63.8	Mafic volcanics - Dark green grey massive volcanics -trace to 1% sulphides adjacent fractures, core badly fractured along internal, 2-3" bands of rusty limonite staining adjacent both upper and lower contact.	4553	TR	53	58	5'	T			
			4554	TR	58	63	5'	.01			
			4555	TR	63	68	5'	.005			
63.8	109.2	Pink feldspar porphyry - 1-2mm anhedral white feldspars set in a fine grained pink matrix cut with occassional irregular hairline to 1/8" quartz stringers and pyrite filled stringers.	4556		68	73	5'	.05			
			4557		73	78	5'	.135		.06/20'	
109.2	113.2	Mafic volcanics - dark green grey massive mafics cut with numerous hairline carbonate stringers at 25° to CA. - Trace sulphides along stringers.	4558		78	83	5'	.01			
			4559		83	88	5'	.04			
113.2	115.7	Pinkish feldspar porphyry as 63.8-119.2- Matrix has a translucent to transparent quality in at 60° out at 35°									

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FORM 2

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
115.7	203	Mafic volcanics - dark green to black. Fine grained massive moderately magnetic volcanics, cut with occassional quartz and quartz carbonate stringers at various angles to CA. , occassional epidote band.									
		138.2-139.4 - Variolitic textured volcanics 1mm to 1cm elongated varioles, elongated at 30° to CA. Varioles have pale green haloes about dark green chlorite? cores									
		155.5- 157 - Numerous hairline to 1/8" carbonate stringers at 30° to CA., 2-3% sulphides adjacent stringers.	4560		155.5	157	1.5'	.02			
			4715		157	161	4'	T			
			4716		161	164	3'	.02			
		164-165 - As above	4561		164	165	1'	.18			
			4562		165	170	5'	.04			
		165-170 - Occassional carbonate stringer as above									
			4563		203	208	5'	.005			
203	223	Pinkish feldspar porphyry - cut with numerous hairline quartz stringers with pronounced orange alteration haloes.- Trace sulphides throughout.	4564		208	213	5'	T			
			4565		213	218	5'	.005			
			4566		218	223	5'	T			
			4567		223	223	5'	.005			
		210-223 - Core badly broken.									

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
223	228	Kimberlite - formally referred to as "mafic tuff"/ "Intrusive" - typical poly mictic angular fragments set in a kimberlite matrix - identical to the unit in the # 5and 6 zones.									
228	238	Quartz vein - Milky white quartz vein with numerous 1mm. to 1" angular volcanic, fragments - fragments are heavily pyritized - 2-3% sulphides throughout. Traces of gun metal blue, 1-2 hardness, metallic mineral, "moly" . Adjacent pyritized fragments. Lower contact marked by a typical brownish pyritized alteration halo. Similar vein to V.G. veins from hole #22. - Lower contact at 40° to CA.	4568		228	233	5'	.225		.15/10'	
			4569		233	238	5'	.075			
			4717		238	243	5'	T			
			4718		243	248	5'	.01			
238	429.1	Mafic volcanics- as 115.7-203									
		At 279.2 - a 3" quartz vein similar to 228-238	4570		278.7	279.7	1'	.01			
		At 363.2 - Several white quartz stringers at 70° to CA with pyritized alteration haloes 3-4% sulphides over 8"	4719		279.7	284	4.3'	.005			
			4720		284	289	5'	T			
			4721		289	294	5'	.005			
			4722		294	299	5'	T			
			4723		299	304	5'	T			
			4724		304	309	5'	T			
			4571		362.3	363.3	1'	.45			

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FORM 2

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
429.1	433.1	Quartz vein - in at 20° out at 20° Milky white quartz vein cut with numerous pyrite and moly filled fractures, occassional wall rock fragment present. 1% sulphides through vein.	4572		427.1	429.1	2'	T			
			4573		429.1	433.1	4'	T			
			4574		433.1	435.1	2'	.015			
433.1	579	Mafic volcanics as 115.7-203									
		519-534 - Moderately altered volcanics - swirled bands of epidote about contorted reddish garnet veinlets - 1-2% sulphides throughout.	4575		519	524	5'	T			
			4576		524	529	5'	NIL			
			4577		529	534	5'	NIL			
		558.6-565.6- Moderately altered volcanics as above.	4578		5586	5636	5'	.015			
			4579		563.6	565.6	2'	T			
			4580		577	579	2'	T			
579	581.5	Quartz vein at 10° to CA. Similar to vein at 429.1-433.1 - 1% sulphides present. - 3-4% sulphides concentrated along margins in brownish pyritized alteration haloes.	4581		579	581.5	2'	T			
			4582		581.5	583.5	2'	T			

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	
581.5	632	Mafic volcanics as 115.7-203	4715		157	161	4	T				
		607-615 - Moderately altered volcanics - as 519-534	4716		161	164	3	.02				
		EOH at 631	4717		238	243	5	T				
		Core stored on site.	4718		243	248	5	.01				
			4719		279.3	284	4.3	.005				
			4720		284	289	5	T				
			4721		289	294	5	.005				
			4722		294	299	5	T				
			4723		299	304	5	T				
			4724		304	309	5	T				

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES

HOLE NO. SS-86-G-24 LENGTH 617'

LOCATION 12+50W 5+20S (New Grid)

LATITUDE 420N DEPARTURE 2 00E (Mine Grid)

ELEVATION _____ AZIMUTH _____ DIP -54°

STARTED Dec 5/86 FINISHED Dec 7/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
237	-52°				

HOLE NO. _____ SHEET NO. 1

REMARKS _____

LOGGED BY R. CINITS

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	4	Casing									
4	73.4	Mafic volcanics ; several small bands of epidote - garnet alteration at various orientations to CA. trace of fine pyrite At 61 irregular quartz veins ½-3/4" wide at 17° red brown stain throughout; trace of very fine pyrite At 69.3 wt quartz vein ½" wide at 30° cross cuts epidote alteration band; 2% fine specks moly?and pyrite									
73.4	75	Granite dyke- very irregular shape									
783	82	Granite dyke - parallel to CA. (½ core granite, ½ volcanics) At 97- white quartz veinlet ¼" wide at 40° - trace									

FORM 1

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	
		of pyrite										
		At 97.4 - As above.										
		118-120 - Intense epidote - garnet alteration ; very lightly carbonatized ; trace of fine pyrite throughout.										
		At 132.5 - white quartz veinlet $\frac{1}{4}$" wide at 50° to CA. -barren.										
137.8	140.2	Granite dyke - unaltered - in at 40° out at 35°										
		148.5-149.2 - Intense epidote -garnet alteration										
		At 151 -white quartz vein $\frac{1}{2}$" wide at 45° to CA. -1% fine specks moly and pyrite.										
		156.5-157.4 - Intense garnet-epidote alteration- 2% fine specks pyrite.										
		At 162 -white quartz vein 5/8" wide at 40° to CA.- barren.										

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
		177-180.5 - Intense garnet- epidote alteration- 1% fine specks pyrite throughout									
180.5	229.4	Granite dyke - contact at 33° to CA. trace of fine pyrite throughout; lightly fractured and altered ; cream feldspar - altered haloes around fractures.	4583		192	197				TR	
			4584		197	202				.005	
		192-210 - Altered granite ; no mafics ; several white quartz fractures and veinlets up to ¼" wide most at 50° to CA.; 1% fine specks pyrite throughout.	4585		202	207				.005	
			4586		207	212				TR	
229.4	250	Mafic volcanics ; many irregular white quartz carbonate stringers at many orientations . Trace fine pyrite throughout.									
250	250.8	Altered granite dyke ; contact at 40°; light grey altered volcanic halo 3" wide with 5% fine euhedral pyrites.									
250.8	252.3	Mafic volcanics as before.									
		At 252.3 white quartz vein 2" wide at 25° 3% fine to medium pyrite along fractures in vein and along margins ; 1% irregular specks moly throughout vein	4587		247	252	5			.005	
			4588		252	253	1			.01	

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
252.5	279.6	Granite dyke - contact at 30° 252.5-258 - Altered granite ; 1% fine to coarse pyrite cubes ; several white quartz veinlets at various orientations. 258-279.6 - Lightly altered granite - a few irregular white quartz veinlets - trace sulphides.	4589		253	258	5	TR			
			4590		258	263	5	TR			
279.6	285.9	Mafic volcanics as before									
285.9	287.7	Granite dyke; contact 25°									
287.7	349.4	Mafic volcanics ; many irregular quartz - carbonate veinlets most at 30-50° ; rock is pervasively carbonatized At 290.8 - white quartz vein 2½" wide at 40° 3-5% fine disseminated specks and blebs of moly and pyrites along micro fractures 312.5-313.5 - Altered volcanics; many quartz carbonate veinlets with brown pyritized alteration haloes. At 339.5 - Smoky quartz veinlet ¼" wide at 25° 2% fine specks moly and pyrite; minor carbonate along fractures	4591	2	290.3	291.3	1'			.005	
			4592	3	312.5	313.5	1'			.02	
		345-349.4 - Many quartz - carbonate fractures and									

LANGRIDGES – TORONTO – 366-1168

FORM 2

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
		veinlets at 35° to CA. ; 1% pyrite throughout.									
349.4	383.5	Mafic volcanics - diabase textured ; many epidote fractures and veinlets. At 369.9 white quartz veinlet 3/8" wide at 37° Trace moly and pyrite									
383.5	410	Mafic volcanics as before ; (contact with diabase textured volcanics at 12° to CA.) Many quartz - carbonate veinlets at low angles to CA. 10°- 25°									
410	418	Altered volcanics ; many quartz - carbonate fractures and veinlets at many orientations giving a mottled appearance ; 3-5% very fine specks - pyrite throughout	4593	1	408	413	5'			TR	
			4594	3	413	418	5'			TR	
			4595	tr	418	420	2'			.005	
418	420	Kimberlite? (fault) ; dark green-grey crumbly rock with many subrounded to angular fragments of various compositions; occurs at 20° to CA. ; heavily carbonatized	4596	-	420	425	5'			TR	
420	510	Heavily fractured core									

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	
420	427	Altered porphyry ? red with cream colored feldspar phenocrysts ; very heavily fractured and filled with carbonatized black (chloritic?) stringers; many white quartz veinlets from 1/10" to several inches wide; most at 60-90° to CA. ; minor pyrite, mo 1% throughout fractures and in quartz veins	4597		425	430	5'			.005		
			4598		430	435	5'			TR		
			4599		435	440	5'			TR		
			4600		440	445	5'			NIL		
			4601		445	450	5'			NIL		
			4602		450	452	2'			TR		
427	427.5	Kimberlite as above										
427.5	452	Porphyry ; as above										
			4603		452	455	3'			TR	2290 p.m. (40)	
452	455	Kimberlite ; several stringers and dykes ranging from 1/10" to 6" wide cutting throughout the porphyry	4604		455	460	5'			TR		
			4605		460	465	5'			.005		
			4606		465	470	5'			TR		
455	564	Porphyry as before	4607		470	474	4'			NIL		
		At 474 quartz vein 1' wide at 90° to CA.	4608		474	475	1'			.005		
		Trace of sulphides	4609		475	479	4'			TR		
		At 479.5 quartz vein ; 1' wide at 45° to CA. ; heavily fractured with apple green mineral along fractures (fuchsite?)	4610		479	480	1'			TR		
		At 486 -490 - white quartz vein at 35° to CA.; lightly fractured with minor fuchiste? along fractures ; 1% fine moly and pyrite along borders of porphyry fragment in vein	4611		480	485	5'			NIL		
			4612		485	490	5'			NIL		
			4613		490	495	5'			TR		
			4614		495	500	5'			.005		

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		542-564 - Increased quartz veining 30-50% with upto 3% fine disseminated specks of pyrite and moly along fractures and in veins.
		556.5-564 - Porphyry altered to a cream colour ; many irregular quartz veinlets throughout 3% fine specks pyrite and moly throughout
564	572.5	Altered mafic volcanics ; intensely carbonatized with 5-15% fine subhedral pyrite cubes ; many quartz carbonate fractures at many angles to CA.
		At 564 - white vuggy quartz vein 5" wide at 65° to CA. Trace of pyrite and moly
		At 564.8 - as above 4" wide
		At 566.1- white quartz vein 2½" wide at 80° to CA.; 3% fine to medium pyrite cubes
		At 569.3 - white quartz vein 2" wide at 20° to CA.; many white carbonate rich fractures throughout vein ; 2% fine specks pyrite and moly; wall rock is intensly carbonatized and pyritized.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
4615		500	505	5'			TR	
4616		505	510	5'			TR	
4617		510	515	5'			.005	
4618		515	520	5'			TR	
4619		520	525	5'			TR	
4620		525	530	5'			TR	
4621		530	535	5'			TR	
4622		535	540	5'			TR	
4623		540	545	5'			TR	
4624		545	550	5'			NIL	
4625		550	555	5'			NIL	
4626		555	560	5'			TR	
4627		560	564	4'			TR	
4628		564	569	5'			TR	
4629		569	573	4'			TR	
4630		573	577	4'			.005	
4631		577	581.5	4.5			TR	
4632		581.5	586.5	5'			TR	

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	
572.5	581.5	Quartz vein ; contact at 20° to CA. ; many well rounded quartz fragments in a beige carbonate matrix; some areas of matrix are light green (possible fuchsite?) 2% fine specks pyrite throughout ; matrix is very vuggy in places; several heavily pyritized fragments of mafic volcanics.										
581.5	586.5	Mafic volcanics - unaltered except for pervasive carbonatization ; a few quartz - carbonate stringers at 75° to CA.; minor garnet - epidote alteration										
586.5	617	Mafic volcanics as above but less extensive carbonatization.										
		EOH 617										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC

HOLE NO. SS-86-G-25 LENGTH 134

LOCATION

LATITUDE 4+00W DEPARTURE 0+80N

ELEVATION AZIMUTH DIP Vertical

STARTED Dec 7/86 FINISHED Dec 8/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1

REMARKS

LOGGED BY R. CINITS

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	3	Overburden (Casing to 13)	4727		12.4	17	3.4			TR	
			4728		17	22	5			TR	
3	77	Sheared mafic volcanics ; sheared at 30° to CA.; lightly variolitic ; many irregular stringers and blebs epidote; strongly magnetic throughout	4729		22	27	5			TR	
			4730		27	32	5			TR	
			4731		32	37	5			TR	
		At 29.6- quartz veinlet 3/8" wide at 30° ; 1% fine pyrites.	4732		37	42	5			.02	
			4733		42	47	5			TR	
		35-53 - moderately fractured core	4734		47	52	5			TR	
			4735		52	57	5			TR	
77	103.5	MAIN ALTERATION ZONE - sheared mafic volcanics with 2-10% fine disseminated pyrites- many very irregular white quartz carbonate fractures and veinlets - red purple tint in places.	4736		57	62	5			.005	
			4737		62	67	5			TR	
			4738		67	72	5			.10	
			4633	1	72	77	5			.05	
		At 79.4- Irregular light pink quartz vein 5/8" wide at 35° ; 5% pyrites along micro- fractures.	4634	3	77	82	5			.125	
		At 36.8 - Cream colored quartz - carbonate vein 1" wide at 30° ; 5% fine disseminated pyrites- 5% black fine grained granular mineral (sphalerite)	4635	5	82	87	5			.225	
			4636	10	87	88.3	1.3			.14	
		88.3-90.7 - Light cream to green , heavily altered	4637	5	88.3	90.7	1.5			.02	

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		zone; many blood red potassic altered blebs throughout - zone at 30° to CA. (possible vein?) 5% anhedral specks pyrite ; minor very fine steel grey soft mineral (moly?)										
90.7	94.2	Kimberlite (fault?) -many various sized angular fragments of many compositions in a black fine grained mafic ground mass.	4638	1	90.7	95.2	4.5'			.105		
94.2	95.2	Lamprophyre ; contact to Kimberlite at 40° contact to volcanics at 25° dark green grey fine grained matrix with black well rounded crystals throughout.										.17 / 38.2 From 67'-1[illegible]
			4639	5	95.2	100.2	5'			.54		
95.2	103.5	Main alteration as before.	4640	5	100.2	105.2	5'			.105		
			4641	1	105.2	110.2	5'			.03		
103.5	121	Sheared mafic volcanics ; many blood red potassic altered ? blebs; core has chaotic texture ; 1% fine pyrites throughout.	4642	1	110.2	115.2	5'			TR		
			4643	1	115.2	120.2	5'			.06		
			4739		120.2	125	4.8'			TR		
			4740		125	130	5'			NIL		
		106-114 - moderately fractured core	4741		130	134	4'			NIL		
121	134	Variolitic mafic volcanics 125-134 - Blocky core										
134		[illegible]										

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVRESIDE RESOURCES INC.
HOLE NO. SS-86-G-26 LENGTH 354
LOCATION
LATITUDE 3 25W DEPARTURE 3 90N
ELEVATION AZIMUTH Grid South DIP -45°
STARTED Dec 9/86 FINISHED Dec 11/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
175'	-42°				
617'	-52°				

HOLE NO. _____ SHEET NO. 1
REMARKS
LOGGED BY R. CINITS

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	2	Overburden									
2	13	Casing									
13	30.6	MAFIC VOLCANICS: Variolitic flows, lightly sheared at 35° to CA.; several quartz carbonate fractures and veinlets at 25-35° to CA. At 29.1-30.1 -Zone of several white quartz veins ¼"-1" wide at 35° ; brown pyritized halos ; 2% coarse anhedral pyrites in veins.	46444	5	29.1	30.6	1.5'			.03	
30.6	32.3	Granite dyke at 85° ; unaltered									
32.3	54	Volcanics as before At 38.3 white quartz vein 3/8" wide at 23° ; brown pyritized halo. 38- several quartz veinlets with dark green hard massive to prismatic mineral (up to 70%); 1-3% pyrite.	46445	1	38	39	1'			.005	

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
54	85.5	Fine grained mafic volcanics									
53	54	Many very irregular granite stringers									
		55-58 - White quartz - chlorite vein ¼" - 3/4" wide subparallel to CA. ; 2% very coarse subhedral pyrites in vuggy quartz ; minor soft green fibrous mineral (serpentine?)	4646	2	55	58	3'			TR	
		62.2-66 - As above ; several granite stringers cut by veins.	4647	2	62.2	66	3.8'			TR	
		At 68.8- White quartz vein ½" wide at 37° 2% fine specks pyrite throughout; minor pyritized halo : vein rimmed by 1/10" ok calcite.									
85.5	89	Altered volcanics - many quartz veins and fractures at 37° with brown pyritized haloes ; veins 1/16" -½" wide	4648	5	85.5	89	3.5'			.01	
92	93	Granite - unaltered									
93	146	Several granite stringers ¼"-3" wide									
102	104	Lightly altered volcanics ;many quartz carbonate stringers with brown pyritized haloes.	4649	1	102	104	2'			.035	

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
112	120.2	Several white quartz veins ¼- 1" wide subparallel to CA.; bordered by dark green , hard, prismatic mineral and 1% anhedral pyrite blebs.	4650	1	112	116	4'			TR	
			4651	1	116	120.2	4.2'			TR	
122.8	1246	Granite									
130.5	131.5	Granite									
1356	136.5	Granite At 136.4 white quartz vein ¼" wide at 50° with minor brown pyritized halo.									
206	232.2	"Spotty alteration" small patches of quartz - carbonate veinlets with brown pyritized haloes; most veinlets at 40° to CA.; areas of unaltered volcanics mixed in with altered patches.	4652	1	223	228	5'			.01	
			4653	< 1	228	232.2	4.2'			TR	
232.2	241.3	Altered volcanics ; many white quartz veinlets ¼" to ½" wide at 25°-40° to CA. with brown pyritized haloes; 1-3% fine disseminated pyrite .	4654	3	232.2	236.3	4.1'			TR	
			4655	1	236.3	238.6	2.3'			TR	
236.3	238.6	Quartz vein at 80° to CA.; very sugary -granular quartz a few fragments of brown pyritized wall rock; trace of pyrite in quartz.	4656	15	238.6	241.3	2.7'			.03	

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
238.6	241.3	Intensely pyritized and sillicified core; 15% pyrites.									
241.3	315.3	Unaltered mafic volcanics as before; several areas of epidote alteration; several fractures at 35°.									
259.4	260.9	Several quartz veinlets with minor brown pyritized haloes	4657	1	259.4	260.9	1.5'			.02	
		269-296 - Many very irregular granite stringers and dykes at many orientations. Many angular wall rock fragments throughout granite.									
		At 275 - 3 quartz- carbonate veinlets 1/10" wide at 42° to CA.; 1% anhedral blebs pyrite									
		At 312.6 - Epidote - pyrite seam 1/3" wide at 25°.									
315.3	320.3	Granite ; unaltered ; contact at 35°.									
320.3	356	Volcanics as before.									
		At 341 - several irregular granite stringers.									
		At 345.4 - Granite stringer 2" wide									
		351-356 - Blocky core ; several carbonate rich fractures at 50° to CA.									
356	[illegible]										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE - MURPHY- GARRISON
HOLE NO. SS-86-G-27 LENGTH 615
LOCATION Zone 6
LATITUDE 3+50W DEPARTURE 2+52S
ELEVATION AZIMUTH Grid N DIP -70°
STARTED Dec 13/86 FINISHED Dec 15/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
300	-64°				
615	-62°				

HOLE NO. _____ SHEET NO. 1
REMARKS _____
LOGGED BY R. CINITS

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	13	Casing									
13	50	Mafic volcanics : fine grained ; strongly magnetic; several quartz , carbonate and epidote fractures and veinlets at several orientations. 13-23 - very blocky core. At 23.5 - Quartz - pk calcite vein ½" wide at 10° to CA. ; vuggy ; bordered by chlorite ; 3% fine disseminated pyrite throughout and as a halo around vein. 26.8-27.5 - Several white quartz - carbonate veinlets at 75° with 5% fine pyrite disseminated throughout. At 41.4 - Granite stringer 1½" wide at 65°.	4653	1	23.5	27.5	4'		TR		
50	71	Mafic volcanics ; coarser grained ; diabase texture; minor epidote alteration bands.									
71	90	Fine grained mafic volcanics : moderately silicified; several bands of light beige green alteration; 1% very fine disseminated pyrite .									

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
90	166	Mafic volcanics ; fine "diabase" texture as before At 128.5 - white quartz vein 5/8" wide at 50° to CA.; barren. At 144.1 - As above									
166	191	Altered volcanics ; many quartz and carbonate fractures and veinlets at 60-90° to CA. ; light green-brown alteration around veins ; 1% fine disseminated pyrites throughout with local concentrations up to 5%. 167.1-168 - Lightly altered granite dyke ; trace pyrite up contact bordered by white quartz vein 2½" wide at 80° to CA.; 3% anhedral pyrite At 176.3 - white quartz vein 5" wide at 60° to CA. 1% anhedral pyrite blebs along contact ; several brown altered wall rock fragments. At 178 - Heavily altered granite dyke; bright red with altered feldspar phenocrysts; wall rock has intense green-brown alteration. 178.8-179.5- AS above	4659 4660 4661 4662 4663	1 1 1 1 1	166 171 176 181 186	171 176 181 186 191	5' 5' 5' 5' 5'		TR .005 .01 .005 .005		
191	213	Mafic volcanics as before ; local garnet - epidote alteration 211-213- Intense epidote alteration									

LANGRIDGES – TORONTO – 366-1168

FORM 2

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
213	264.4	Mafic volcanics; dark grey-green with many white subhedral feldspar phenocrysts; possible crystal tuff? At 215.1 -white quartz vein ½" wide at 40°; light brown pyritized alteration halo. 231.2-234.5- many quartz - carbonate veinlets at 60° to CA. 1% fine disseminated pyrite throughout.	4664	< 1	231.2	234.5	3.3'			.005	
264.4	268.4	Variolitic mafic volcanics; many irregular quartz - carbonate fractures and veinlets ; moderate garnet - epidote alteration ; 1% fine disseminated pyrite ; minor brown pyritized alteration.	4665	1	264.4	268.4	4'			.005	
			4666	1	263.4	272.4	9'			Tr.	
268.4	270.4	Granite ; unaltered ; contact at 90° to CA.									
270.4	272.4	Volcanics as before .									
272.4	310	Unaltered variolitic mafic volcanics; minor garnet - epidote alteration; varioles light grey-green in fine grained dark green groundmass.									
310	403	Fine grained mafic volcanics ; minor bands of garnet - epidote alteration.									

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
		339.7-340 - 3% fine disseminated pyrite .									
		At 352.3 -white quartz vein 1" wide at 20° ; vuggy with 1% fine disseminated pyrite. ; intense epidote alteration surrounding vein.									
		360-367 - Several quartz - carbonate fractures and veinlets at 45°; some with minor pyritized haloes.									
		373-379 - Moderate to intense garnet- epidote alteration.									
		381.2-383 - Moderately altered volcanics, many quartz -carbonate fractures at various orientations; heavily carbonatized; 1% fine disseminated pyrite throughout; 1% spec. hematite.	4667	1	381.2	383	1.8'			TR	
		At 381.3 - Granite stringer 1" wide									
		At 383.1 - As above.									
		388-393.4 - Several vuggy white quartz - carbonate veins ¼" -3/4" wide at low angles to CA. intense garnet - epidote alteration around veins; 1-3% fine pyritic haloes; minor specks of hematite.	4668	1	388.4	393.4	5'			TR	
		At 397 - Granite stringer 2" wide.									

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
403	408.8	Mafic intrusive (Lamprophyre?) ; red-purple color with subrounded dark-green - black fragments throughout; contact at 10° to CA.; 2% fine disseminated pyrite along contact; intrusive is pervasively carbonatized.	4669	TR	403	408.8	5.8'			TR	
408.8	455	Lightly sheared volcanics (variolitic in places) sheared at 45° to CA.; several white quartz -carbonate fractures at 50°; moderate epidote alteration. 420.3-423.3 - Several quartz carbonate veinlets ½" wide; vuggy with 1% fine specks pyrites; epidote alteration throughout.									
455	496	MAIN ALTERATION ZONE- heavily sheared at 40° ; red purple alteration throughout; many quartz and carbonate fractures at many orientations; fine disseminated pyrite from 1% to 5% ; many fractures with light brown pyritized haloes.	4670	1	455	460	5'			TR	
			4671	2	460	462.5	2.5'			TR	
			4672	1	462.5	463.5	1'			TR	
			4673	1	463.5	468.5	5'			TR	
			4674	1	468.5	473	4.5'			TR	
462.5	463.5	Kimberlite; dark green grey with black well rounded fragments throughout; pervasively carbonatized; contact at 20° to CA. 465-470 - very blocky core.									

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
470.5	471.5	Mafic intrusive ; red to purple with light green to black fragments throughout; intensely carbonatized & very fine pyrite, disseminated throughout.	4675	1	473	478	5'			.02	
		471.5-473 - Extremely altered and pyritized volcanics.	4676	5	478	483	5'			.04	
			4677	1	483	488	5'			.01	
473	480.6	Mafic intrusive as above ; contact at 25° to CA.; cut by many quartz carbonate fractures at many orientations.	4678	3	488	491	3'			.02	
			4679	1	491	496	5'			TR	
			4680	1	496	501	5'			TR	
		478-480.6 - Intrusive altered to pale brown - beige color with 5% fine disseminated pyrite .	4681	1	501	504	3'			TR	
			4682	1	504	507	3'			.005	
			4683	1	507	510.5	3.5'			.005	
480.6	481.3	KIMBERLITE - as before.									
481.3	489.5	Mafic intrusive as above.									
489.5	489.8	KIMBERLITE _ as before but many more angular wall rock fragments of various compositions.									
489.8	490.8	Intensely altered volcanics; 5% pyrite.									
490.8	496	Typical Main Alteration Zone.									
496	510.5	Lightly altered volcanics; several quartz carbonate fractures with minor brown pyritized haloes.									

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
		504-509.2 - white quartz vein parallel to CA.; vein has micrafractures with magnetite and fine specks pyrite (1%).									
		509.2-510.5 - Altered volcanics ; as at 496-510.5.									
510.5	535	Mafic volcanics; fine grained; several white quartz carbonate fractures at 50° ; minor epidote alteration.									
		525.3-527.7 - Several quartz carbonate veinlets and brecciated carbonate zones 1" wide 1% fine specks pyrite ; minor hematite.	4684	1	525.3	527.7	2.5'			TR	
		530-530.5 - As above.									
535	536.4	Granite dyke; contact at 30°.									
		At 539.2 - Heavily altered granite stringer 3/8" wide at 40°; blood red with white altered feldspar phenocrysts; 5% fine disseminated pyrite in wall rock and 1% anhedral blebs in dyke.	4685	2	539.2	541.3	2.1'			.03	
541.3	552.7	Fine grained mafic volcanics; moderate epidote alteration.									
552.7	553.3	Granite dyke.									
553.3	570	Volcanics as before.									

LANGRIDGES – TORONTO – 366-1168

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 %	ASSAYS OZ/TON	ASSAYS OZ/TON
		561-573 - Several granite stringers and dykes. At 571.8 - granite 3" wide with small sillicified and pyritized halo.	4686	1	571.8	572.8	1'			TR	
			4687	< 1	581.5	585.5	4'			TR	
580	590	Several quartz carbonate fractures at various orientations; 1% fine disseminated pyrite throughout.									
590	615	Volcanics as before.									
615	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. DDH-SS- 86-28 LENGTH

LOCATION

LATITUDE 4+00S DEPARTURE 6+00W

ELEVATION AZIMUTH DIP -70°

STARTED Dec 16/86 FINISHED Dec 19/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
375	69				
609	66				

HOLE NO. 86-28 SHEET NO. 1

REMARKS

LOGGED BY R. CLARK.

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	13	Casing									
13	37.4	Dark greenish grey mafic volcanics, medium to fine grained, massive, strongly magnetic, occassional bands and stringer of epidote.									
37.4	59	Fine grained mafic volcanics- moderately sillicified numerous epidote bands and pale buff colored stringers at various orientations. To CA. . occassional speck of sulphide. At 55' a 4" granite stringer at 40° to CA.									
59	100	Dark greenish grey mafic volcanics as 13-37.4. At 62' a 1" quartz vein at 40° to CA.- epidote on fractures within vein - Nil sulphides.									
100	147	Diabasic textured volcanics - medium grained with occassional bands and blebs of epidote.									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-86-G-28 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
		At 120 - a 1/8" irregular white quartz stringer at 65° to CA.- Epidote on margins, 2% sulphides in stringer and outwards for 1" in a sillicified and pyritized alteration halo.									
147	154.5	Fine grained volcanics as 37.4-59.									
154.5	184.5	Dark green grey mafic volcanics, medium grained, with 4-5% 1-2mm. subhedral feldspar (white) phenocrysts. Occassional band and bleb of epidote. -"Crystal Tuff" - occassional 3-10mm angular mafic fragment towards lower contact of above unit. At 178.3 a ½" irregular clear quartz vein at 20° to CA. 20% red highly colored "Garnet" stringers in vein. Abundant epidote on margins- Trace sulphides.									
184.5	227.1	Very fine grained mafic volcanics - dark green grey strongly magnetic with numerous hairline epidote stringers at various angles to CA. - Occassionaly variolitic textured as follows									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-86-G-28 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	
		191.7-193.3 - Up to 3/4" contorted and stretched at 40° to CA. 193.7 -195 - As above. At 221 - a 1/8" clear quartz vein at 15° to CA.- Trace to 2% sulphides.	4688	2%	220.5	221.5	1'			.005		
227.1	270	Moderately sheared and altered volcanics - pervasive epidote altered with occassional 1/4" to 1/2" boudinaged clear quartz veinlets- sheared at 42° to CA. Core has an overall banded apperance- Trace sulphides in and adjacent quartz stringers. 245-247.3- Intense epidote alteration At 252.6 - Heavily altered granite stringer - blood red with 5-8mm pale buff feldspar phenocrysts. 262.2-263 - Moderately altered granite stringer - cut with several hairline to 1/4" quartz stringers 1-2% sulphides along margins in pale green to buff colored alteration halo. At 263.6- a 2" granite.	4689	1%	262	263.2	1.2"			.02		
270	363.7	Fine grained mafic volcanics with occassional epidote band as 37.4-5?										

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
		At 324.5 - a ¼" white quartz vein at 30° to CA. - Trace sulphide on margins.									
		331.3-332 -Variolitic textured volcanics. 333.3-339 - Variolitic textured volcanics. 339-339.5 - Unaltered granite stringer at 35° to CA. 362.7-363.7- Variolitic textured volcanics.	4690	NIL	361.7	363.7	2			.005	
			4691	TR	363.7	368.7	5			.005	
363.7	373.1	Granite dyke- cut with numerous hairline to ¼" white quartz veins- granite altered where cut by veins, bleached out mafics where altered enhance felspars, lending a porphyritic texture to altered bands Trace sulphide throughout.	4692	TR	368.7	373.1	4.4			.01	
			4693	4	373.1	374.7	1.6			.17	
			4694	TR	374.7	378.4	3.7			.04	
373.1	374.7	Alteres volcanics - Brownish buff colored alteration numerous white quartz veins at various orientations. 3-5% sulphides - medium to fine euhedral pyrite cubes.	4695	4	378.4	381.4	3			.005	
			4696	1	381.4	386.4	5			.005	
374.7	383.4	Granite dyke as 363.7-373									
383.4	386.4	Altered volcanics as 373-374.5									

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
386.4	394	Fine grained volcanics as 37.4-59.									
394	395	Altered volcanics- pale brown to buff colored alteration about several ¼" white quartz veins at 80° to CA. 3-5% coarse euhedral pyrite throughout.	4697	4	394	395	1			.03	
395	455	Fine grained mafics as 37.4-59. 398.8-405 - Variolitic textured volcanics. At 401.9 - Granite stringer at 75° to CA. At 402.5 - As above. 436.7-439.4 - Granite dykelet at 50° to CA. 440.3-430.8 - As above. At 451.8 - a ½" granite stringer at 20° to CA.									
455	505	Moderately altered and sheared volcanics- pervasive epidote alteration. As 227.1 to 270 - Sheared at 40° to CA.									

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 TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		At 464.7 - a ½" vuggy quartz vein at 15° to CA. 2-3% fine sulphides in vein - reddish "Potassic"? Alteration on margins- much epidote on margins and in vugs.	4698	2%	464	465	1			.04	
		465-505 - Intense epidote alteration of intermittently Variolitic volcanics.									
			4699		505	506.8	1.8'			.005	
505	540	Main alteration zone.	4700		506.8	507.9	1.1'			.02	
		505-506.8 - Kimberlite- Intensely carbonatized -dark green to black- with numerous well rounded white frags. Contacts badly broken and blocky.	4701		507.9	509.7	1.8'			.01	
			4702		509.7	514.7	5'			.005	
			4703		514.7	519.7	5'			.05	
		506.8-507.9 - Altered volcanics - sheared at 38° to CA.-Many chlorite filled fractures - Nil sulphides.	4704		519.7	524.7	5'			TR	
			4705		524.7	529.7	5'			TR	
			4706		529.7	534.7	5'			NIL	
		507.9-509.7 - Kimberlite as 505-506.8	4707		534.7	539.7	5'			TR	
		509.7 - Altered and sheared volcanics - green to black in color, pervasive epidote alteration- sheared at 35° to CA. -cut with numerous hairline carbonate stringers at various orientetions.									

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
		At 506.3 - a 2" band of blood red altered mafic intrusive - 1-2% sulphides.									
		At 513- As above.									
		At 514- As above.									
		539-540 - Altered granite - reddish alteration- Nil sulphides.									
540	609	Fine grained mafic volcanics as 37.4-59.									
		544-547 - 2 ¼" parallel quartz veins at very low angle to CA.- Reddish alteration along margins with epidote haloes. 1-2% sulphides in veins.	4708	1%	544	547	3'			TR	
		550-551.4 - One vein as above.	4709	>1%	550	551.4	1.4'			TR	
		At 555.2 - a 2" vuggy white quartz vein - much epidote on margins - Trace sulphides- Vein at 35° to CA.	4710		554.3	555.3	1'			TR	

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
		At 556.8 - a 1" reddish pyritiferous band at 70° to CA. 9% sulphides.	4711		555.8	557.4	1.6'			TR	
		At 557.2 - As above.									
		At 559- a hairline quartz stringer at very low angle to CA. with a ½" blood red alteration halo. 1-2% sulphides in vein.	4712		558.5	559.5	1'			TR	
		567-570- As above.	4713		567	570	3'			TR	
		571.5-580- Occassional bleb and band of granite.									
		586-587.8- Intense epidote alteration about a pale buff sillicified band - 1-2% sulphides.	4714		586	587.8	1.8'			TR	
		600- EOH- Occassional band and bleb of unaltered granite.									
		EOH at 600' Core stored on site.									

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison
HOLE NO. SS-89-6-29 LENGTH 665'
LOCATION 3+00 S
LATITUDE 3+00 S DEPARTURE 0+50 W
ELEVATION AZIMUTH DIP -70°
STARTED Jun 5/89 FINISHED Jun 8/89

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
300	68				
665	63				

HOLE NO. 6-29 SHEET NO. 1
REMARKS

LOGGED BY P. Clark

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	9	OVERBURDEN									
9	47.7	Moderatly Sheared & Altered Volcanics – Dark Green to Grey, moderatly magnetic. Sheared @ 40° to CA. Moderate Epidote & Silicification; cut with occassional Quartz & or Carbonate stringer @ various angles to CA.									
		9-12 - Numerous quartz carbonate stringers @ Various angles to CA. - Trace Sulphides.									
		43.6-46 - Intensly ~~Silicified~~ Silicified & Pyritized Volcanics 3-4% Sulphides throughout.	A742	3%	43.6	46	2.4'	tr			
47.7	85	Mafic Volcanics - Dark Green, moderatly magnetic, medium to fine grained massive volcanics									
85	101	"Diabasic" Textured Volcanics									

LANGMUIR – TORONTO – 366-1168
FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. G-29 SHEET NO. 2

REMARKS _____

LOGGED BY _____

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
101	134	MASSIVE MAFIC VOLCANICS. @ 111 - a 4" BAND OF INTENSE SILICIFICATION - 2-3% SULPHIDES THROUGH INTERVAL.	A743		110.5	111.5	1'	Nil			
134	156	MODERATELY SHEARED & ALTERED VOLCANICS as ~~4-44~~ 9 - 47.7									
156	194.8	BLACK, FINE GRAINED, MASSIVE, MODERATELY MAGNETIC VOLCANICS CUT WITH OCCASSIONAL HAIRLINE PYRITE STRINGERS @ VARIOUS ANGLES TO CA. AND OCCASSIONAL EPIDOTE STRINGER. @ 175' a 1" GRANITE STRINGER @ 80° TO CA. @ @ 176.3 - as ABOVE.									
194.8	198.3	"CRYSTAL TUFF" - DARK GREEN TO GREY MATRIX WITH 1-2 MM. EUHEDRAL WHITE FELDSPAR CRYSTALS.									

LANGRIDGE – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison

HOLE NO. 88-6-29 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
198.3	243	FINE GRAINED MAFICS AS 156-194.6									
243	274	"DIABASIC" TEXTURED VOLCANICS.									
		259-264- NUMEROUS QUARTZ VEINS @ VARIOUS ANGLES TO CA.	A744	3%	259	264	5'	.03			
		VEINS HAVE BROWNISH PURITIZED ALTERATION HALOES - 3-4% FINE DISSEMINATED SULPHIDES THROUGHOUT.									
274	276.8	GRANITE DYKE @ 75° TO CA.									
			A745	TR	274	276.8	1.8'	T			
276.8	278.2	ALTERED & PURITIZED VOLCANICS - (ALTERATION HALO ABOUT ABOVE DYKE)	A746	2%	276.8	278.2	1.4'	.03			
278.2	285.8	GRANITE DYKE AS 274-276.8	A747	TR.	278.1	283.2	5'	.005			
			A748	TR.	283.2	285.8	2.4'	.005			
285.8	338.	"DIABASIC" TEXTURED VOLCANICS AS 243-274									
338	344	FINE GRAINED MAFICS AS 156-194.6 - CUT WITH OCCASSIONAL QUARTZ STRINGER WITH NARROW ≈ 1/8" BUFF COLORED ALTERATION HALOES - NIL SULPHIDES.									
344	350	SILICIFIED VOLCANICS - CUT WITH OCCASSIONAL EPIDOTE BAND TRACE TO NIL SULPHIDES									

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison

HOLE NO. 87-6-29 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	
350	368	Dark Green to Black. Mafics as 156-194.8 - cut with occassional qtz. stringer - nil sulphides.										
368	393	"Diabasic" Textured Volcanics										
393	423	~~Silicified~~ Silicified Volcanics as 344-350 @ 423 - a 1/2" white Quartz Vein @ 20° to CA. Vein has a 1" Brownish pyritized alteration halo 2-3% sulphides throughout halo.										
423	451.1	"Diabasic" Textured Volcanics @ 446.7 - a 2" Breccia Zone - 1mm to 4cm. Angular reddish pyritized wallrock fragments in a grey white carbonate matrix - @ 35° to CA. 30% fragments ≈ 2% sulphides throughout.	4749		446.2	447.2	1'	nil				
451.1	452.5	Granite Dyke - in @ 65° out @ 20°										
452.5	455.5	"Diabasic" Textured Volcanics										

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Murray Garrison

HOLE NO. 87-6-29 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
455	463	~~Siliceous~~ Silicified & Epidotized Volcanics - occassional irregular reddish Garnet? veinlet with Epidote Halo 458.5 - 459.7 - Several 1/8" to 1/2" white Quartz veins with Brownish Pyritized Alteration Halos @ 45° to C.A. - 2-3% Sulphides Throughout.	4750	2%	458.5	459.7	1.2'	nil			
463	490	Main Alteration Zone. - Strongly Fractured & Healed with Carbonate Pale Brown to Buff Altered Volcanics Trace to 1% very finely Disseminated sulphides occassional Bleb of Blood Red Hematite.	4751 18101		463	466.3	3.3'	nil			
		466.3 - 466.8 - Fault - Polymictic Angular Fragments set in a Dominantly Carbonate Matrix - Very Friable 40% of fragments are Kimberlite. Trace Sulphides	4752 18102		466.3	466.8	0.5'	nil			
			4753 18103		466.8	471.8	5'	nil			
			4754 18104		471.8	476.8	5'	nil			
		466.8 - 480.6 - Altered Volcanics as above Trace to 1% Sulphides.	4755 18105		476.8	480.6	3.8'	nil			
			4756 18106		480.6	483.3	2.7'	T			
		480.6 ~~483~~ 483.3 Kimberlite Dyke - in @ 25° out @ 30°	4757 18107		483.3	488.3	5'	nil			
		483.3 - 490 Altered Volcanics as above - Trace Sulphide	4758 18108		488.3	490	2.7'	nil			

DIAMOND DRILL RECORD

NAME OF PROPERTY Murray Garrison

HOLE NO. 87-6-29 SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
A90	515	Medium Grained Mafic Volcanics
515	521	Altered Volcanics - strongly fractured & healed with carbonate - Brown to buff alteration trace to 1% sulphides - very similar to main alteration zone.
521	521.2	Medium Grained Mafic Volcanics
521.2	531.1	Unaltered Granite in @ 85° out @ 85°
531.1	547	~~Medium Grained Mafics~~ "Crystal Tuff"? Fine Grained mafic matrix with occassional 1-2mm Euhedral white @ feldspar crystals. @ 531.5 - a a 3/4" pale greyish colored Granite Stringer @ 20° to CA. @ 534.7 - a 3" Granite stringer @ 45° to CA. 543-547 - strongly Epidotized & cut with several

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
~~4759~~ 18109		A90	A95	5'	Nil			
~~4760~~ 18110		A95	500	5'	Nil			
~~4761~~ 18111		500	505	5'	Nil			
~~4762~~ 18112		505	510	5'	Nil			
~~4763~~ 18113		510	515	5'	Nil			
~~4764~~ 18114		515	518	3'	T			
~~4765~~ 18115		518	521	3'	Nil			
~~4766~~ 18116		521	526	5'	Nil			
~~4767~~ 18117		526	~~531~~ 531.1	5.1'	T			

LANGRIDGES – TORONTO – 366-1188

FORM 7

DIAMOND DRILL RECORD

NAME OF PROPERTY MURRAY GARRISON

HOLE NO. 87-6-29 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	ASSAYS
547	573.5	DARK GREEN TO BLACK. FINE GRAINED MASSIVE MAFIC VOLCANICS. ~~GREEN~~ WITH OCCASSIONAL EPIDOTE BANDS. 550.2 - 550.8 - VARIOLITIC TEXTURED VOLCANICS - PALE GREEN VARIOLES STRETCHED PARALLEL @ 35° TO CA. @ 561 - a 1/2" GRANITE dyklet @ 90° TO CA. @ 561.5 a 3-5" dyklet as ABOVE @ 45° TO CA @ 564.1 a 1.5" dyklet as ABOVE. @ 45° TO CA. @ 564 a 6" dyklet as ABOVE @ 30° to CA @ 572.9 a 1/2" dyklet as ABOVE @ 35° to CA. @ 573.3 a 3" dyklet as ABOVE @ 30° to CA.										
573.5	592	"CRYSTAL TUFF" GREY FINE GRAINED MATRIX WITH 1-2mm EUHEDRAL WHITE FELDSPAR CRYSTALS CUT WITH NUMEROUS HAIRLINE CARBONATE STRINGERS @ VARIOUS ANGLES TO CA.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison

HOLE NO. 87-6-29 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
		@ 582.6 - a 4" Granite Dyklet @ 50° to CA.									
		@ 583.1 - As Above.									
592	~~605.6~~ 605.6	Granite Dyke - Cut with Several Quartz Stringers @ Various Angles to CA. - Altered where cut with stringers - Bleached out mafics with trace to 1% Sulphides	18118		589	592	3'	T			
			18119		592	597	5'	T			
			118120		597	602	5'	T			
605.6	614	Moderately Altered Volcanics - Numerous Carbonate Stringers @ Various Angles to CA., occassional Band & Scotchy Swirl of Epidote - Trace Sulphides.	118121		602	605.6	3.6'	T			
			118122		605.6	608.6	3'	T			
			118123		608.6	~~602~~ 614	5.6'	N.I			
614	616.1	Granite Dyke @ ≈ 80° to CA. 614-615 - a 1/2" White Quartz Vein @ ≈ 7° to CA. 1-2% coarse euhedral Pyrite along margins.	18124		614	616.1	2.1'	T			
616.1	621.8	Moderately Altered Volcanics as 605.6 - 614	18125		616.1	621.8	5.7'	T			
621.8	626	Purplish Hued Mafic Intrusive - Trace to 1% Disseminated Sulphides Throughout. - 625.4-626 - Altered Black Rock in	18126		621.8	626	4.2'	.05			

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Murray Garrison

HOLE NO. 87-6-29 SHEET NO. 9

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
626	626.3	Altered Volcanics as 605.6-614
626.3	627	Granite Dyklet - Partially Altered, trace Sulphide
627	627.3	Altered Volcanics as 605.6-614
627.3	630.9	Granite Dyke - Partially Altered, trace Sulphide
630.9	645	Altered Volcanics as 605.6-614
		@ 632.5 - a 1" Dyke of "Purplish Hued Mafic Intrusive" @ 35° to CA. - Badly fractured margins healed with purplish carbonate - 1-2% disseminated sulphides with carbonate.
		@ 637.2 - as above.
		@ 640 - as above.
		640.2 - 641.5 - A wooly grey white quartz vein @ 35° to CA. 1-2% sulphides through vein.
		642.2-643 - Granite Dyke - Partially Altered, trace Sulphide

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
1827		626	630.9	4.9'	.005			
1828		630.9	635	4.1'	T			
1829		635	640	5'	T			
1830		640	641.5	1.5'	.01			
1831		641.5	645	3.5'	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison.

HOLE NO. 87-6-29 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	
645	665	Fine Grained Massive Mafic Volcanics.										
		@ 654.2 - Granite Dykelet @ 35° to CA.										
		EOH @ 665.										
		Core Stored On Site.										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-87-G-30 LENGTH 635 Feet
LOCATION
LATITUDE 3+60S DEPARTURE 4+00E
ELEVATION AZIMUTH GRID NORTH DIP -70°
STARTED Jan 8/87 FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
325	67°				
635	60°				

HOLE NO. G-30 SHEET NO. 1
REMARKS R. Clark
LOGGED BY

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	13	Casing.										
13	53.2	Mafic volcanics - Grey to dark green, moderately magnetic "Diabasic textured" volcanics. 21.5-23.4 - 2, 6" parallal at 75° to CA. Milky white quartz veins, 50% 2mm to 3cm wall rock. Inclusions - Nil sulphides.										
53.2	176	Dark green to black fine grained massive mafic volcanics occassional band and bleb of sulphide, locally folliated at 55° to CA. At 122.7 - a 3/4" white quartz vein at 45° to CA. 1% sulphide on margins. At 153.6 - a 3/4" white quartz vein at 65° to CA. Numerous pyritized wallrock inclusions, 1/2" bleached pyritized alteration halo [illegible] vein.										

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY ~~MURPHY~~ GARRISON

HOLE NO. ~~SS 37 3 30~~ 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
		At 168.4 - a 3/4" white quartz vein at 55° to CA. Vein has a pronounced ½" brownish pyritized alteration halo - 3% sulphide in vein and halo.	18132		168.4	169.5	1.1'	.02			
		At 169.1 - a 6" white quartz vein as above with 60% pyritized wall rock fragments in vein. 3% sulphides in vein.	18133		169.5	173.5	4'	.02			
		At 169.9 - a ½" vein as above. At 171.6- a 2" vein as above. At 172.1 - a ½" vein as above. At 173.1 - a ½" vein as above. At 176.3 - a 1" vein as above.	18134		173.5	177.5	4'	.01			
176	345	Medium to fine grained diabasic volcanics. 203.5-204.6 - Numerous grey white quartz veins at 75° to CA. with brownish pyritized alteration halos- 1-2% sulphides throughout. (Alteration halo about below dyke.)	18135		203.5	204.6	1.1'	.06			
			18136		204.6	205.4	0.8'	.04			

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-30 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
		204.6-205.4- Altered pink feldspar porphyry dyke.- Bleached mafics - cut with numerous hairline irregular quartz veins.- Trace sulphide throughout.									
245	318	Medium grained mafic volcanics - occassional band. At 241.7 - a ¼" grey white quartz vein at 30° to CA. Trace sulphides on margins. At 265.2 - a ¼" grey white quartz vein at 45° to CA. Nil sulphides. At 276.4-277.1 - Granite dyke at 40° to CA. Nil sulphides.									
		305-305.9 - Quartz vein at 70° to CA.- trace sulphides on margins.	18137		305	305.9	.4'	T			
		313.7-316.9 - Feldspar porphyry- cut with several quartz stringers at various angles to CA. -altered where cut with stringer- Trace sulphide- dyke at 35° to CA..	18138		313.7	316.9	3.2'	.02			

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-37-G-30 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
318	395	"Diabasic textured" volcanics. At 344- a 3" feldspar porphyry at 40° to CA. At 345.8 - a 1" feldspar porphyry dykelet as above At 347.3 -350-feldspar porphyry dyke at 35° to CA. 350.7-351.1 - Feldspar porphyry as above. 388.7-389.4 - Quartz vein at 45° to CA. Clear white translucent to transparent quartz- epidote on margins 1-2% sulphides in vein.	18139		388.7	389.4	0.7	T			
395		Medium to finegrained mafic volcanics. 404.7-405.5 - Numerous white hairline quartz stringers at various angles to CA. with pronounced brownish pyritized alteration haloes. 1-2% pyrite through interval.	18140		404.7	405.5	0.8'	.005			
		405.5-406.5 - 2, 4" white quartz veins at 35° to CA. Both with pyritized alteration haloes. 1-2% sulphides in veins.	18141		405.5	406.3	1.3'	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GALLISON

HOLE NO. SU-37-G- 30 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
		420-421.5 - Feldspar porphyry dyke at 25° to CA.									
		421.8-423.4 - Several irregular blebs of granite.									
		431.4- Feldspar porphyry dyke at 45° to CA.	18142		435.7	437	1.3'	T			
		432-436 - Feldspar porphyry dyke.	18143		437	438.3	1.3'	T			
			18144		438.3	439.1	0.8'	T			
			18145		439.1	439.7	0.6'	NIL			
436		Sheared and epidotized basalt - locally sillicified	18146		439.7	440.8	1.1	.005			
		sheared at 40° to CA.- 1-4% streaks of sulphide	18147		440.8	441.1	0.3	.005			
		parallel schistostaly.									
		At 438 - Feldspar porphyry dykelet.	18148		441.1	446.1	5'	T			
		at 439.5 - as above.	18149		446.1	451.1	5'	T			
		at 441 - as above.	18150		451.1	454	2.9	T			
		At 453.6 - Feldspar porphyry as above.	18151		454	456.2	2.2	T			
			18152		456.2	459.3	3.1	T			
			18153		459.3	461.9	1.6	T			
			18154		461.9	462.9	1	T			
			18155		462.9	467.9	5'	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. 35-37-C-30 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
		454-456.1 - Intensly sheared - approaching mylonite schistostaly at 45° to CA. Pale grey to green alternating bands , cherty in appearance 1-2% streaky pyrite.	18155		467.9	472.9	5'	.01			
			18157		472.9	477.9	5'	.005			
			18158		477.9	482.9	5'	T			
		456.2-469.3- Porphyrite basalt - moderately sheared at 45° to CA., 2% 1mm euhedral feldspar phenocrysts randomly oriented, trace sulphide finely disseminated parallel schistostaly.	18159		482.9	487.9	5'	T			
			18160		487.9	492.9	5'	T			
		469.3-471.9- Moderately sheared, epidotized basalt. Occassional irregular red garnet veinlet, Trace sulphide.	18161		492.9	497	4.1'	.005			
		471.9-472.9 - 1.5" white quartz vein at 20° to CA. ...el garnet and epidote on margins- ...race sulphide on vein.									
		472.9-477.1 - Moderately sheared basalt - dark grey to black, fine grained, moderately magnetic trace sulphide throughout., occassional hairline quartz stringer at 35° to CA. with brownish buff alteration halo									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-30 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
		477.9-487 - Moderately sheared basalt as 472.9-477.9									
		487-497 - Occassional epidote band enclosing islands of basalt, occassional metacryst developed and alligned parallel schistosity at 40° to CA.	18162		497	497.3	0.3'	.05			
		497-497.3 - Numerous carbonate stringers at various angles to CA. with brownish buff colored alteration haloes. 3-5% coarse euhedral pyrite associated with alteration. Haloes overlap to cause a solid buff alteration for last ½" before below dyke.	18163		497.3	498.2	0.9'	.01			
			18164		498.2	498.7	0.5'	.06			
		497.3-498.2 - Altered feldspar porphyry - pale pink bleached out appearance, 2-3mm euhedral feldspar phenocrysts with no preferred orientation 3-5% coarse euhedral pyrite along hairline carbonate stringers.									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY CARLTSON

HOLE NO. [illegible]-87-G-30 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
		498.2-498.7 - As 497-497.3 - Numerous carbonate stringers with buff colored alteration haloes frequently increases towards porphyrys.	18165		498.7	499.4	0.7	.04			
		498.7-499.4 - Altered feldspar porphyry as 497.3-498.2.	18166		499.4	499.7	0.3'	.615			
			18167		499.7	504.7	5'	.005			
		499.4-499.7 - Intense brownish buff colored sheared (Mylonite?)- sheared at 45° to CA. 10-15% Coarse euhedral pyrite alligned parallel schistostaly.	18168		504.7	509.7	5'	.03			
			18169		509.7	515	5.3'	T			
			18170		515	517	2'	T			
			18171		517	523	5'	NIL			
		499.7 - Sillicified moderately sheared volcanics- occassional epidote band, occassional streak of pyrite parallel schistostacy.- Sheared at 42° to CA.	18172		523	525	2'	NIL			
		At 515- a 3" feldspar porphyry dyke at 45° to CA.									
		At 516.5- a 7" feldspar porphyry dyke at 40° to CA.									
		At 524.5 - a 7" feldspar porphyry dyke at 50° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-30 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
		525-527.6 - Fine grained moderately sheared volcanics , intensely sillicified, sheared at 40° to CA.- Trace sulphide.	18173		525	527.6	2.6'	T			
		527.6-527.9 - Mafic intrusive kimberlite dark grey to black with 40% well rounded black phenocrysts and 5% angular volcanic fragments, pervasivly carbonatized.	18174		527.6	527.9	0.3'	NIL			
		527.9-529.5 - Fine grained massive sillicified basalt - Nil sulphides.	18175		527.9	529.5	1.6'	NIL			
529.5		MAIN ALTERATION ZONE:									
		529.5-531.2 - Kimberlite - in at 30° out at 30° Numerous polymictic angular fragments set in a dark green porphyritic matrix with 1-2mm well rounded mafic phenocrysts.									

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
		MAIN ALTERATION ZONE CONT	18176		529.5	531.2	1.7'	T			
		529.5-531.2 (cont) - Intensly carbonatized, trace very finely disseminated sulphide									
		531-532.8- Sillicified volcanics as 525-527.6 Core very badly broken.	18177		531.2	532.8	1.6'	NIL			
		At 532.8 - Fault zone - 1" of angular sillicified fragments set in a soft chlorite paste.									
		532.8-532.9 - Altered feldspar porphyry - pale bleached pink, intensly fractured, trace sulphide.	18178		532.8	535.2	2.4'	.01			
		532.9-533.2 - Sillicified volcanics as 525-527.6									
		533.2-534.1 - Fault zone as 532.3									
		534.1-535.2- Intensly sillicified and fractured volcanics? Pale purple to pink altered fragments healed with numerous irregular quartz stringers - 1-2% very finely disseminated sulphides throughout.									

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
		534.1-535.1 - Unit has a distinctly ground up appearance. Occassional hairline carbonate stringer at 40° to CA.					←	Combined with 18178 for No.#18179			
		535.2-535.5 - Kimberlite as 529.5-531.2	18180		535.2	535.5	0.3'	.02			
		535.5-536.7 - Intensly sillicified volcanics as 534.1-535.2	18181		535.5	536.7	0.9'	.03			
		536.7-537 - Kimberlite as 529.5-531.2.	18182		536.7	537	0.3'	.03			
		537-539- Intensly sillicified volcanics as 534.1-535.2.	18183		537	539	2'	.04			
		539-539.6 - Pale pink to orange alteration - altered feldspar porphyry?	18184		539	541	2'	.03			
		539.6-540.8 - Intensly sillicified volcanics as 534.1-535.7.	18185		541	543	2'	.02			
		540.8-541 -Pale pink to orange alteration - as 539-539.6.	18186		543	545	2'	.03			
		541-54[illegible] - Intensly sillicified volcanics as 534.1-539.[illegible].									

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
		542.3-544- Pale pink to orange alteration as 539-539.6	18187		545	547	2'	T			
			18188		547	548	1'	.02			
		544-545 - Intensly sillicified volcanics as 534.1-535.2.	18189		548	550	2'	T			
			18190		550	552	2'	.005			
		545-548- Pale brownish buff, intensly sillicified volcanics- sheared at 45° to CA. -Trace sulphides, occasional thin of graphite on fracture surfaces.	18191		552	554	2'	.17			
			18192		554	556	2'	.14			
			18193		556	558	2'	.005			
		548-552 - Moderately sillicified and sheared volcanics light grey to green, sheared at 50° to CA. Transitional from above unit (545-548).	18194		558	560	2'	.04			
			18195		560	562	2'	.04			
		552-565.3- Altered feldspar porphyry - cut with numerous carbonate stringers at 45° to CA. 3-4% coarse subedral pyrite also [illegible]									

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	ASSAYS OZ/TON
		565.3-566 - Intensly silicified and sheared brownish buff colored volcanics - sheared at 40° to CA. 5-6% coarse euhedral pyrite parallel schistostacy.	18196		562	565.3	3.3'	.04			
			18197		565.3	566	0.7'	.07			
			18198		566	567	1.0'	.03			
		566-567- Altered porphyry as 552-565-3	18199		567	572	5'	.01			
			18200		572	577	5'	.02			
			18201		577	582	5'	T			
			18202		582	587	5'	.015			
		567-EOH- Moderately sheared volcanics- occassional epidote band and boudinaged red garnet stringer, schistosity at 40° to CA. Occassional bleb of feldspar porphyry, unit is overprinted by occassional hairline carbonate srtingers at 65° to CA. Trace sulphide in streaks parallel schistostacy.	18203		587	592	5'	.005			
			18204		592	597	5'	.005			
			18205		597	602	5'	.005			
			18206		599.3	600.3	1'				
		603.3-609.3 - Numerous hairline carbonate stringers at various angles to CA. - Trace sulphide.									
		EOH at 635									
		Core stored on site.									

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVASIM RESOURCES
HOLE NO. SS-87-G-31 LENGTH 655
LOCATION Murphy Garrison 2+50E 3+75 S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH Grid North DIP -70°
STARTED Jan 13/87 FINISHED Jan 16/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
655	-63				

HOLE NO. SS-87-G-31 SHEET NO. 1
REMARKS _____

LOGGED BY R. CINITS.

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	8	Casing									
8	67	Mafic Volcanics: Fine grained; dark green to grey lightly fractured; minor epidote alteration around microfractures- 1% fine disseminated pyrite throughout. At 36.5 - smokey white quartz vein 1½" wide at 60° to CA.; bordered by pink carbonates; barren. 40.5-44.5 - white quartz vein 2" wide subparallel to CA.; intense garnet- epidote alteration; vuggy 5% very fine disseminated pyrite.	40051	2	40.5	44.5	4.0'	T			
		46.4-47.6- Moderate epidote alteration. 48.5-50.7- Several smokey quartz veins; vuggy with intense garnet- epidote alteration 5% fine disseminated pyrite; minor pink carbonate.	40052	5	48.5	...	...	...			
		54.--60.3- Moderate epidote alteration.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-C-31 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
67	151	Mafic Volcanics; Coarser grained; almost amphibolite texture; minor garnet epidote alteration as before; minor fracturing at 40° to CA.									
		85-106 - Minor foliation at 55° to CA. lightly sheared - minor garnet epidote alteration; trace of pyrite; moderately magnetic.									
		111-112.8- As above- minor quartz vein ½" wide parallel to foliation; 3% fine disseminated "streaky" pyrite.	40053	3	111	112.8	1.8'	.005			
		133-140.5 - Many quartz carbonate fractures up to ½" wide at 55° to CA.; trace of fine pyrite throughout; appears to be ⊥ to foliation.									
		141.3-143.5- Intense chlorite - epidote alteration lightly carbonatized; trace of hematite staining; up to 10% anhedral blebs disseminated pyrite; very "mottled texture".	40054	7	141.3	143.5	2.2'	I			
151	223.6	Fine grained basalt.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-31 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
170	194	Moderate foliation at 35° to CA.; minor fracturing both parallel and perpendicular to this; elongation of white feldspars in shearing direction; minor epidote alteration; 1% fine disseminated pyrite throughout. At 191.2- Vuggy white quartz vein 8" wide at 45° to CA; several angular fragments of pink feldspar porphyry throughout; 2% fine disseminated pyrite and anhedral blebs; minor grey mineral (graphite?) along microfractures.	40055	2	191.2	192.2	1.0'	T			
194	203.4	Less intensely foliated.									
203.4	228.6	Moderately foliated as before. 216.1-230 - Many white quartz - carbonate fractures cross cutting foliation at 45°-60° to CA rock is pervasively carbonatized throughout; 1-5% fine disseminated streaky pyrite throughout. At 217.3-217.7 - quartz feldspar porphyry dyke at 90° to CA. 1% anhedral blebs pyrite. At 222.6-223.3- As above	40056	1	216.1	218.6	2.5'	.02			
			40057	2	218.6	222	3.4'	T			
			40058	2	222	223.6	1.6'	T			
			40059	2	223.6	228.6	5'	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 88-37-G-31 SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
228.6	295	Medium grained mafic volcanics; minor amphibolite texture; very slightly foliated at 35° to CA.; minor epidote alteration throughout. 243.3-243.6 - Feldspar porphyry dyke at 40° to CA. At 282.8 - Quartz veinlet ¼" wide at 60°.										
295	303	Increased density of carbonate fracturing at 55° to CA.; 1% fine disseminated pyrite.										
303	307	Very intensely fractured as above (50-100/foot) 1-3% very fine disseminated pyrite. At 306 - White quartz vein 5" wide at 30° to CA.; many angular fragments of heavily pyritized wall rock throughout; several small fragments feldspar porphyry; intensely pyritized halo 3" wide. At 305.8 - Feldspar porphyry dykelet 1" wide at 50°.	40060	1	298	301	3	T				
			40061	1	301	306	5	.005				
			40062	10	306	307	1	T				
			40063	1	307	311	4	.005				
			40064	1	311	315	4	T				
			40065	5	315	318	3	.02				
317	349	Alteration Zone: Many quartz and carbonate fractures and veinlets at 50-80° to CA.; veinlets have light tan-brown intensely pyritized alteration halos; pyrite occurs and fine disseminated specks and blebs throughout (5 to 10%). 320.5-323.5 - Very intensely veined and pyritized	40066	5	318	320.5	2.5	.005				
			40067	10	320.5	321.5	1	.03		.055/2'		
			40068	1	321.5	322	0.5	.02				
			40069	10	322	323.5	1.5	.20				
			40070	1	323.5	328.5	5	.02				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-37-G-31 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
		volcanics; up to 10% fine disseminated pyrite strongly magnetic throughout.	40071	1	328.5	333.5	5	.005			
			40072	1	333.5	338.5	5	.005			
		At 321.5 - White quartz vein 3" wide at 45° to CA. intensely pyritized halo but barren inside.	40073	7	338.5	339.5	1	.01			
			40074	1	339.5	342.7	3.2	.005			
		323.5-338.5 - Less intensely altered and fractured.	40075	5	342.7	345	2.3	.065			
		At 338.8 - White quartz vein ½" wide; 10% anhedral blebs pyrite and 10% magnetite; both oriented in stringer parallel to vein orientation. vein at 35° to CA.	40076	3	345	347	2	.02			
			40077	5	347	349.2	2	.02			
		338.5-349 - Altered volcanics as before.									
		349-357 - Lightly altered volcanics; 20-50 quartz carbonate fractures per foot; 2 sets of fractures - at 70° and 40° to CA.; light brown pyritized haloes with 1-3% fine disseminated pyrite; fractures appear to cross cut minor foliation (50° to CA. in opposite direction).	40078	1	349	354	5	T			
			40079	1	354	359	5	.01			
			40080	1	359	364	5	.005			
			40081	1	364	369	5	T			
			40082	1	369	374	5	T			
			40083	1	374	379	5	T			
		381.1-384 - Intense epidote alteration; sheared at 50° to CA.; elongated "islands" of basalt throughout; minor quartz carbonate fracturing to foliation; 1% fine dissemination in bands parallel to fracturing.	40084	1	379	381	2	T			
			40085	1	381	384	3	T			
			40086	2	384	387	3	T			
			40087	1	387	395.5	8.5	T			
			40088	5	389.5	392.5	3	T			
		384-389.5 - Weakly altered volcanics.	40089	5	392.5	396	3.5	.005			
			40090	1	396	401	5	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-31 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
		389.5-395.8 - Intensely epidotized and sillicified volcanics; minor irregular garnet blebs; 10% irregular blebs chlorite; very "mottled" texture; 5% very fine specks pyrite.	40091	1	401	402.5	1.5	T			
			40092	1	402.5	406.5	4	T			
			40093	1	406.5	411.5	5	T			
			40094	1	411.5	415	4	T			
		395.8-415 - Lightly sheared fine grained volcanics at 45° to CA.; moderately fractured both subparallel and perpendicular to foliation; 2% fine streaky pyrite parallel to shearing; veins have minor brown pyritized haloes.									
		402.5-406.5- Increased shearing intensity.									
		At 403.5- Very intense band of shearing 1.5' wide at 50° to CA.; very elongated and boudinaged rock; 3% fine disseminated pyrite (mylonite?)									
		405.8-406.2- As above.									
		406.5-463 - Very lightly sheared intensity varies from light to nil; volcanics as at 395.8; 3% streaky pyrite; a few bands pyrrholite up to 1/8" wide at 45-50°; minor quartz carbonate fracturing at 50° with brown altered haloes.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-31 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
		vein 3" wide at 70° to CA.; volcanics are intensely pyritized along upper contact.									
519.5	534.5	Fine grained mafic volcanics; several white carbonate fractures at various angles to CA.; relatively unaltered; 1% fine disseminated pyrite specks.									
534.5	556	Lightly altered mafic volcanics; many white quartz carbonate fractures at many angles to CA. with brown altered haloes; 1-2% very fine disseminated pyrite throughout; several feldspar porphyry stringers 1/3" -1" wide; several of which are offset by the later fractures.	40115	1	534.5	539.5	5	.005			
			40116	1	539.5	544.5	5	T			
			40117	1	544.5	549.5	5	T			
			40118	3	549.5	551.2	1.7	T			
			40119	1	551.2	556.2	5	T			
		At 549.6 - Blebs of massive pyrrholite 3/4" by 2" within a band of light green sillicified and epidotized material 1" wide at 50°.									
		At 551 - Irregular seam of massive pyrrholite and magnetite ½" wide at 55° to CA.									
556.2	607.1	Feldspar porphyry - contact at 55°; several white quartz veinlets 1/16"-¼" wide at 55° ; trace of fine pyrite throughout.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-37-G-31 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
607.1	655	Mafic volcanics; amphibolite textured ; several white quartz carbonate fractures at 45-55°; trace of fine pyrite.	40120	15	638.8	639.1	1.3	.05			
		635-650 - Lightly sheared rock ; minor mineral lineation at 50° to CA. (opposite to fracturing).									
		638.8-639.1 - Several white quartz veins 1" wide at 25° to CA. ; intensely pyritized wall rock surrounding veins; very fine disseminated pyrite 15%; strongly carbonatized.									
EOH	655										

LANGRIDGES — TORONTO — 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-31 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
		410-463 - Several feldspar porphyry stringers ½"-4" wide at 40-60°.									
		462-463 - Lightly altered volcanics on contact of feldspar porphyry; 5% fine disseminated specks pyrite.	40095	1	423	428	5	T			
			40096	2	460	463	3	T			
			40097	5	463	465.5	2.5	.04			
		463-465.5 - Several bands of intensely altered and pyritized volcanics within feldspar porphyry dyke.	40098	5	465.5	470.5	5	.005			
			40099	5	470.5	475.5	5	.01			
463	496	Feldspar porphyry dyke; upper contact at 80°.	40100	5	475.5	480.5	5	.015			
		463-483.5- heavily altered porphyry; pink with white subhedral feldspar phenocrysts up to 1mm 5% coarse subhedral pyrite cubes throughout and along quartz carbonate fractures.	40101	5	480.5	486	5.5	.01			
			40121	5	486	491	5	.02			
			40122	5	491	496	5	.01			
		483.5-486- Unaltered feldspar porphyry; 10% fine mafic phenocryst; 1% fine disseminated pyrite.									
496	496.8	Kimberlite- several bands at 40° intruded into the porphyry - dark green with black well rounded mafic fragments; intensely carbonatized; 1% very fine pyrite specks.	40102	1	496	496.8	0.8	T			
			40103	3	496.8	498.5	1.7	.005			
			40104	3	498.5	500.5	2	T			
			40105	3	500.5	502.5	2	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-31 SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
496	517.7	ALTERATION ZONE	40106	3	502.5	504.5	2	T			
			40107	3	504.5	506.8	2.3	NIL			
		Intensely altered mafic volcanics; heavily sillicified and fractured at many orientations; 1-5% very fine disseminated pyrite throughout; very minor quartz veining -rock has foliation at 40° ; fractures and veinlets cross cut the foliation.	40108	3	506.8	508.6	1.8	.005			
			40109	5	508.6	510.2	1.6	.01			
			40110	10	510.2	511.3	1.1	.435		.114	4/4.7
			40111	3	511.3	513.3	2	.02			
			40112	3	513.3	515.3	2	.01			
		497.4-497.8 - Feldspar porphyry dyke at 45°.									
		498.4-498.8 - As above.									
499.6	499.8	Kimberlite as above; contact at 45°.									
506.8	507.5	Kimberlite as above.									
508.1	508.6	Kimberlite - same matrix as above but many angular fragments of various compositions throughout- 10% vuggy white carbonate matrix: fault.									
510	510.2	Kimberlite- as above.									
		510.2-511.3 - 10% fine disseminated pyrite; cream colored; intensely sillicified.	40113	5	515.3	518	2.7	.005			
			40114	1	518	519.5	1.5	T			
517.6	519.5	Feldspar porphyry dyke; altered with 1% fine disseminated pyrite; at 519 irregular smokey quartz									

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-32 LENGTH 715'

LOCATION

LATITUDE 4+75 S DEPARTURE 5+00 W

ELEVATION AZIMUTH GRID NORTH DIP -70°

STARTED Jan 15/87 FINISHED Jan 20/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
300	-68°				
715	-66°				

HOLE NO. 87-G-32 SHEET NO. 1

REMARKS

LOGGED BY R. CLARK.

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	1	Casing									
1	5	Mafic volcanics- Basalt - Fine grained, black, massive, grey, non-magnetic - folliated at 45° to CA., occassional epidote band and contorted red garnet veinlet. Occasional streak of pyrite parallel folliation -Trace sulphides throughout.	18207		12	17	5'			TR	
		12-17 - 2-3% sulphides in blebs and bands parallel folliation.	18208		21	26	5'			TR	
		21-26 - As above.									

DIAMOND DRILL RECORD

NAME OF PROPERTY Murphy Garrison

HOLE NO. SS-87-G-32 SHEET NO. 2

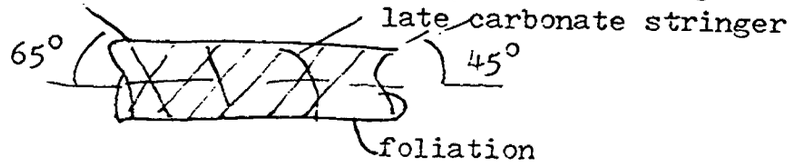
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		55-70 - Core well folliated with 10-15% 1mm or less diameter euhedral white feldspars, alligned parallel folliation folliated at 45° to CA.									
		67-70 - Numerous contorted red garnet veinlets with buff green epidote haloes- 7-8% pyrite associated with haloes.	18209		67	70	3'			TR	
		89-90.3- Several white quartz veins at 47° to CA. with brownish pyritized alteration haloes- 3-4% pyrite disseminated in haloes.	18210		89	90.3	1.3'			.01	
110	150	Medium grained massive basalt - dark grey to black, moderately magnetic- occasional hairline carbonate stringer at 60° to CA.									

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
150	173	Moderately sheared and sillicified volcanics- folliated at 45° to CA.- occassional band of pale green epidote about contorted and boudinaged red garnet veinlets ~parallel folliation localized 2"-3" bands of pale buff brown "Mylonite"? Trace sulphide in streaks parallel folliation numerous hairline carbonate stringers crosscut folliation at 65° to CA.and produces an angle	18211		150	155	5'			TR	
			18212		155	160	5'			TR	
			18213		160	165	5'			T	
			18214		165	170	5'			T	
			18215		193	196	3'			.005	
			18216		220	223	3'			T	
173	263	Medium grained massive basalt 110-150 with occassional bleb and band of epidote. 193-196 - Several red garnet, quartz, epidote veinlets at 55° to CA. - 3-4% sulphides in veinlets.									



of 65° between the folliation and carbonate stringers. Stringers have ¼" to 1/8" pale green alteration haloes that apparently have progressed along the plane of the folliation to produce jagged margins.

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
		220-223 - Same as 193-196									
		223- Several grey white quartz carbonate stringers at 40° to CA. with brown pyritized alteration haloes, several blebs of blood red hematite in alteration haloes- 2-3% pyrite through interval.	18217		223	224	1'	.03			
		235- Numerous quartz carbonate stringers as above.	18218		235	239	4'	.01			
		250- At 240- a 5" zone of intense carbonate veining-zone cut with numerous epidote filled fractures that are highly irregular, 10-15% pyrite, 10-15% magnetite, 3-4% hematite in zone.- Two sets of carbonate stringers with brownish alteration haloes both at 35° to CA. , intersecting at 85° to eachother to produce a diamond shaped pattern.	18219		239	240.8	1.8'	.005			
			18220		240.8	243.3	2.5'	T			
			18221		243.3	247.6	4.3'	T			
			18222		247.6	250	2.4'	.005			
263	277	Porphyritic basalt - 20% 1mm. euhedral white feldspar phenocrysts set in a fine grained grey to black matrix - moderately folliated at 45° to CA.									

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
			18223		277	282	5'	.005			
277	298	Moderately sheared and altered volcanics - numerous contorted red garnet veinlets with epidote haloes - folliated at 45° to CA. with local variations to 20° to CA.	18224		282	287	5'	T			
			18225		287	292	5'	T			
			18226		292	298	6'	T			
		Trace sulphide in streaks parallel folliation.	18227		298	300	2'	.02			
			18228		300	302	2'	.005			
298	305	Highly altered volcanics - Main alteration zone type alteration visually but strongly magnetic- swirled brown buff colored alteration, sillicified, cross cut with chaotic network of carbonate stringers, occassional 1/8" to ¼" quartz veinlet at ≃55° to CA. -Trace with local concentrations of up to 7% pyrite.	18229		302	304	2'	.04			
			18230		304	305	1'	.04			
			18231		305	310	5'	.005			
			18232		310	315	5'	.005			
			18233		315	320	5'	T			
			18234		320	325	5'	T			
			18235		325	330	5'	T			
			18236		330	335	5'	T			
		At 302.6 - 2 parallel at 65° to CA. pink coarse carbonate stringers ¼" wide- smeared on the margins is an apple green fine grained very very soft mineral. -Talc-like in appearance.	18237		335	340	5'	T			
			18238		340	345	5'	T			
			18239		345	350	5'	T			
			18240		350	355	5'	T			
305	375	Moderately sheared and altered volcanics as 277-298.									

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
375	470	Very fine grained massive dark grey to black mafic volcanics - occassional epidote stringer.	18241		355	360	5'	T			
			18242		360	365	5'	T			
			18243		365	370	5'	T			
		394-396 - Feldspar porphyry dyke.	18244		370	375	5'	T			
		402 - Occassional band of epidote and garnet alteration.	18245		402	403	1'	T			
			18246		403	407	4'	T			
			18247		407	409	2'	T			
		409 - Occassional band of pale buff brown sillicified volcanics.- Trace sulphides with local concentrations of up to 2%.	18248		436.6	442.6	6'	T			
			18249		473.5	478.5	5'	T			
		436.6-442.6 - Intense epidote and garnet alteration Trace sulphide.	18250		478.5	483.5	5'	T			
			18251		483.5	488.5	5'	T			
			18252		488.5	491.2	2.7'	T			
470	473.5	Feldspar porphyry.	18253		491.2	495	3.8'	T			
473.5	488.5	Moderately sheared and altered volcanics as 277-298.	18254		495	500	5'	T			
			18255		500	505	5'	T			
488.5	491.2	Very fine grained massive dark grey to black mafic volcanics as 375-470.	18256		505	510	5'	T			
491.2	523	Sheared and altered volcanics- much epidote alteration strongly sillicified. Folliated at 42° to CA.- occassional band of 2mm. brown buff colored spots	18257		510	515	5'	T			

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
		with dark green cores -some appear stretched parallel folliation- possibly varioles.	18258		515	520	5'	T			
			18259		520	523	3'	T			
523	570	Very fine grained massive dark grey to black mafic volcanics as 375-470.	18260		523	528	5'	T			
		At 533- a 2" feldspar porphyry dykelet at 50° to CA.	18261		528	533	5'	NIL			
		At 549 - As above.	18262		533	538	5'	T			
		At 553 - a 3' feldspar porphyry dykelet at 45° to CA. with several irregular epidote filled fractures.	18263		538	543	5'	T			
			18264		543	548	5'	NIL			
			18265		548	553	5'	NIL			
			18266		553	558	5'	T			
570	605	MAIN ALTERATION ZONE - Strongly magnetic.	18267		558	563	5'	NIL			
		570-573 - Strongly sillicified and epidotized volcanics grey green with a very chaotic appearance - weak folliation at 40° to CA.- numerous blebs of white quartz and occassional island of un altered basalt.	18268		563	568	5'	T			
			18269		568	570	2'			.005	
			18270		570	573	3'			.005	
		573-586 - As above except core has a purple grey coloration- hematite accounts for 5% of core volume with local blebs 1.5cm. diameter- coloration change is NOT. Gradational but rather knife sharp at 45° to CA.- 580-586 - numerous hairline to ¼" underformed quartz and quartz carbonate	18271		573	575	2'			.02	
			18272		575	577	2'			.02	
			18273		577	579	2'			.005	
			18274		579	581	2'			.02	
			18275		581	583	2'			.03	
			18276		583	586	3'			.005	

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	
		stringers - 2 sets - first one parallel folliation at 45° to CA.										
		2nd set ≃ perpendicular folliation and first set.	18277		586	590	4'			.04		
		Veins have narrow brownish pyritized alteration	18278		590	592	2'			.205		
		haloes - 5-6% sulphides throughout.	18279		592	594	2'			.23		.135/10
		586-586.5 - Kimberlite (Mafic intrusive) at 45° to CA.- dark green grey with 40% black well rounded phenocrysts strongly carbonatized.	18280		594	596	2'			.16		.123/12
			18281		596	598	2'			.06		
		At 587.8 - a 1.5" dyke as above.	18282		598	600	2'			.05		
		588.6-590.4 - Kimberlite dyke as above at 65° to CA.	18283		600	602	2'			.02		
			18284		602	605	3'			.05		
		590.8- Fault zone - 2" of ground up carbonate,	18285		605	608	3'			.085		
		chlorite paste.	18286		608	611	3'			.005		
		590.8-605 - Numerous ¼" to hairline quartz stringers	18287		611	614	3'			.01		
		with brownish pyritized alteration	18288		614	617	3'			.005		
		haloes same as V.G. veins from	18289		617	620	3'			.09/.10/.08		
		SS-86-22 - veins at 25° to CA.-										
		volcanics appear to be unaltered except	18290		620	623	3'			.03		
		where cut by veins.				586→620:	.069/34'					
						586→596:	.135/10'					

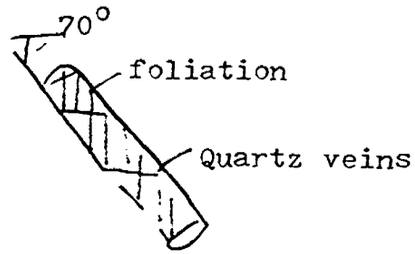
LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 9

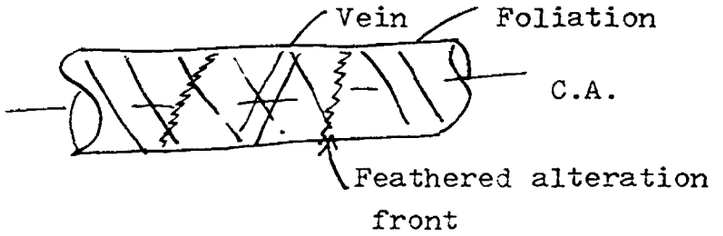
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ TON
		At 593 - 2 parallel 2" quatrz veins at 20° to CA. with brownish pyritized alteration haloes, 5% pyritized angular wall rock inclusions in veins.	18291		623	624	1'	.022			
			18292		624	629	5'	T			
605	623	Sheared and altered volcanics as 491.2-523 - predominaty epidote alteration, localy up to 65% brown buff colored spots- folliated at 50° to CA.- Very mottled appearance- occassional hairline to ¼" quartz stringer with brownish pyritized alteration halo.	18293		629	634	5'	T			
			18294		634	639	5'	NIL			
			18295		639	644	5'	.002			
			18296		644	647.5	3.5'	.002			
			18297		647.5	650	2.5'	.041			
623	EOH	Fine grained strongly magnetic, massive mafic volcanics occassional epidote band and quartz stringer with brownish pyritized alteration haloes, weakly folliated at 45° to CA.- Folliation over printed by quartz veins at 50° to CA.- Quartz veins ≈ perpendicular to folliation veins flat dipping to North? -Yes. 									

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
		647.5-650- Vein frequently increases to 70 ≃ per foot - hairline to ¼" -parallel at 50° to CA. Individual haloes overlap to cause massive alteration brownish buff -pyritized- 20% pyrite through interval- alteration has feathered edges where apparently the alteration has progressed along plain of folliation - folliation at 45° to CA.	18298		650	653.3	3.7'	.004			
			18299		653.7	656	2.3'	.046			
			18300		656	661	5'	.006			
			18301		661	666	5'	.007			
			18302		666	671	5'	.002			
			18303		671	672	1'	.03			
			18304		672	677	5'	.008			



653.7-656 - As above.

664-666 - Feldspar porphyry dyke.

671-672 - 2 parallel quartz veinlets, 1" and ¼" wide at 53° to CA.- brownish pyritized haloes about both- 10% coarse pyrite in veins.

At 670 - a 6" feldspar porphyry dyke.

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
		690-691- Several hairline quartz stringers with brownish pyritized haloes at 45° to CA.	18305		677	682	5'	.006			
			18306		682	686	4'	NIL			
			18307		686	690	4'	.002			
			18308		690	691	1'	.004			
		EOH at 715.	18309		691	696	5'	.002			
			18310		696	701	5'	NIL			
		Core stored on site.									

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.

HOLE NO. SS-87-G-34 LENGTH 726'

LOCATION Murphy Garrison 70+70 W 340 S

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 100° DIP -70°

STARTED Jan. 19/87 FINISHED Jan. 22/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
350	-68				
726	-69				

HOLE NO. SS-87-G-34 SHEET NO. 1

REMARKS _____

LOGGED BY R. CINITS.

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	4	Overburden (granite boulder).									
4	49.6	<u>Mafic volcanics</u> Amphibolite textured; dark green; medium grained; weakly to moderately magnetic; 1% fine disseminated specks pyrite; minor irregular bands of epidote alteration. At 39.8 - Pink feldspar porphyry dyke 3" wide at 45°. At 40.2 - Band of pyrite and mt. 3/4" wide at 45°. At 41.5 - Vuggy white quartz veinlet 3/4" wide at 32° 5% subhedral pyrite cubes.	40123	1	39.8	42.2	2.4'	NIL			
		49.6-101 - Intercalated units of very fine grained laminated volcanics (lightly sheared) and medium grained crystal tuff?; very sharp contacts between the two at 30° to CA.; the fine grained volcanics are banded at 30° and contain 1-2% very fine									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 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
		"streaky" pyrite; some of the bands have minor green epidote alteration; the crystal stuff consists of subhedral feldspars up to 2mm. randomly oriented in a dark green fine grained matrix; units range from 6" to 5' thick.	40124	1	49.6	55	5	.003			
			40125	1	55	60	5	T			
			40126	1	60	65	5	T			
			40127	1	65	70	5	T			
			40128	1	70	75	5	NIL			
		80-81.2 - Several quartz- garnet epidote veinlets ½"-3/4" at 50°; 2% very fine pyrite.	40129	1	75	80	5	.001			
			40130	1	80	85	5	.002			
			40131	1	85	88	3	T			
		88-91 - Intense epidote alteration; banded at 30° to CA.	40132	1	88	91	3	T			
			40133	1	91	96	5	NIL			
		96-101 - 2% very streaky pyrite oriented at 40°.	40134	2	96	101	5	T			
		At 99 - White quartz vein ½" wide at 30°; 2% fine specks pyrite throughout.	40135	2	106.6	109.3	2.7	.001			
101	113	Fine medium grained mafic volcanics; weakly folliated at 30° to CA.; several white carbonate fractures oriented to foliation;									
113	171	Fine medium grained mafic volcanics; very weakly foliated at 40°; moderately magnetic. At 154.1 - White carbonate vein ½ wide at 45°.									
171	220	"Diabasic" textured mafic volcanics. 175.5-177 - Moderately sheared at 55° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 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
		178-183 - Moderate garnet - epidote alteration	40136	3	182.1	183.1	1	NIL			
		At 182.3 - Magnetite - pyrite seam $\frac{1}{4}$"-3/8" wide at 35° to CA.									
		At 182.8 - Quartz-pyrite- mt. vein $\frac{1}{4}$" wide at 50°	40137	5	197.6	200.1	2.5	.020			
		197.5-200.2 - Many quartz carbonate fractures and veinlets at 55° to CA.; light brown pyritized alteration haloes around veinlets; 5% pyrite.	40138	1	220	225	5	NIL			
			40139	1	225	230	5	NIL			
			40140	1	230	235	5	.001			
		At 214.3 - Pink feldspar porphyry dyke 3/4" wide at 90°.	40141	1	235	240	5	T			
			40142	1	240	245	5	.002			
220	245	Very fine grained mafic volcanics; moderately sheared and banded at 45° to CA.; heavily sillicified minor bands of light green - cream epidote alteration 1% very fine streaky pyrite; minor carbonate fracturing at 80° to CA.(opposite to foliation).									
		235-236- Several lense shaped blebs of crystal tuff as described at 49.6-101.	40143	1	256	259	3	.002			
245	294.5	Fine grained mafic volcanics; very lightly sheared at 45° ; several clots of "crystal tuff" ;trace of fine pyrite.									
		At 256 - Pyrite and pyrrholite band $\frac{1}{2}$" wide at 45° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 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
		At 258.8- Irregular white quartz vein 1" wide at 80° intense brown alteration throughout; 5% fine disseminated pyrite.									
		At 288 - Pink feldspar porphyry dyke 2½" wide at 50°									
		At 288.8- As above.									
		288-290.8 - 3% fine streaky pyrite parallel to foliation (35°).									
294.5	304	Fine bedded volcanics? light green grey color; bedded at 40° to CA.; fine to medium grained; "gritty" texture; possible tuff? Beds range from ½"-5" thick; the thinner beds tend to be dark	40144	3	288	290.8	2.8	.002			
											
		green to black and fine grained.									
304	306.3	Feldspar porphyry dyke; contact 40°; 5% fine disseminated pyrite along contacts; the mafic phenocrysts have a slight lineation at 45°.	40145	1	304	306.3	2.3'	NIL			
			40146	1	306.3	310.8	4.5'	NIL			
			40147	5	310.8	311.9	1.1'	.001			
			40148	1	311.9	316	4'	T			
			40149		316	321	5'	.003			
306.3	337	Fine grained mafic volcanics; several white quartz carbonate fractures and veinlets at ∿ 65° to CA. minor light brown altered and pyritized haloes.	40150		321	326	5'	002			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 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
		At 310.8 - Smokey white quartz vein 3" wide at 25° to CA.; 5% very fine disseminated pyrite throughout and as a halo in the wall rock.	40151		326	331	5'	NIL			
			40152		331	336	5'	NIL			
			40153		336	337	1'	NIL			
		313.5-314 - Pink feldspar porphyry dyke at 40° to CA. minor light brown pyritized alteration halo on upper contact.									
		At 336.3 - Vuggy white quartz- carbonate vein 1" wide at 25°; 5% anhedral blebs and fine specks pyrite.									
337	418.8	Medium grained volcanics; very slight foliation at 35° to CA.; a few epidote altered fractures and patches.									
		At 344.3 - 344.7- A few white quartz veinlets at 65° with minor brown pyritized haloes.									
		403.5-405 - Moderate garnet -epidote alteration.	40154	5	424.1	425.1	1'	.004			
418.8	424.4	Feldspar porphyry dyke; contact at 65°.									
		At 424.4 - White quartz vein 3" wide; 5% fine disseminated pyrite throughout and along contacts.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
424.7	485	Mafic volcanics; diabase texture; several garnet -epidote altered veinlets and blebs; < 1% fine pyrite disseminated throughout. At 438.9- Feldspar porphyry dyke 1" wide at 25°. At 443.8 - As above at 70°.
485	487.2	Mafic Intrusive ; heavily carbonatized; contact at 15° to CA.; purple hue with black to green mafic phenocrysts.
487.2	489.6	Volcanics as before.
489.6	531	Feldspar porphyry; contact at 45°; a few angular fragments of volcanics throughout. 511-531- Altered porphyry; most of the mafics are altered out; many irregular white quartz veinlets at various orientations to CA.; 1% very fine to medium anhedral blebs pyrite throughout quartz. At 524.8 - White quartz vein 1.2' wide at 75° to CA. trace of fine pyrite.
531	549	Mafic volcanics; diabasic textured; many white carbonate fractures at 70°. 541.7-543.8 - Feldspar porphyry dyke.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
40155	1	511	516	5'	.003			
40156	1	516	521	5'	.002			
40157	1	521	524.8	3.8	.004			
40158	1	524.8	526	1.2'	NIL			
40159	1	526	531	5'	.001			
40160	1	531	536	5'	NIL			

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-34 SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
549	645	Main Alteration Zone Heavily sillicified mafic volcanics with many quartz carbonate fractures at many orientations to CA. with light tan-brown alteration haloes; 1% very fine specks pyrite. 570-572.5 - Feldspar porphyry dyke; contact at 22° several whøte quartz veins ¼"-½" wide at 20°; 3% anhedral blebs pyrite. 572.5-573.5 - Kimberlite (fault) ; black fine grained matrix with many angular fragments of various compositions throughout; intensely carbonatized oriented at 35° to CA. 580-592.6 - Less intense brown alteration; light green with many carbonate stringers at many orientations. 592.6-594.5 - Feldspar porphyry; blood red potassic alteration; contact at 45° with volcanics. 594.5-595 - Kimberlite; less fragments than at 572.5-573.5; contact at 70° to CA. 595-609.5 - Feldspar porphyry as before; 1% fine specks pyrite throughout. 609.5-612.6 - Altered and brecciated as before.	40161	1	547	552	5	T			
			40162	1	552	557	5				
			40163	1	557	560	3				
			40164	1	560	562	2				
			40165	1	562	564	2				
			40166	1	564	566	2				
			40167	1	566	568	2	T			
			40168	1	568	570	2	.005			
			40169	1	570	572.5	2.5	.005			
			40170	1	572.5	573.5	1	T			
			40171	1	573.5	576	2.5				
			40172	1	576	578	2				
			40173	1	578	580	2				
			40174	1	580	582	2				
			40175	1	582	584	2				
			40176	1	584	586	2				
			40177	1	586	588	2				
			40178	1	588	590	2				
			40179	1	590	592.6	2.6				
			40180	1	592.6	594.5	1.9				
			40181	1	594.5	595	0.5				
			40182	1	595	597	2				
			40183	1	597	599	2				
			40184	1	599	601	2				
			40185	1	601	603	T				
			40186	1	603	605	.005				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		612.6-613 - Kimberlite.
		613-627 - Feldspar porphyry as before.
		628-630 - Feldspar porphyry; contact 65°.
		630-630.5 - Altered volcanics.
		630.5-631.8 - Several stringers of feldspar porphyry in altered volcanics.
		631.8-633 - Feldspar porphyry.
		633-634.6 - Altered volcanics.
		634.6-637 - Feldspar porphyry.
		637-645 - Several stringers of feldspar porphyry in moderately altered volcanics ; several quartz carbonate fractures at 75° to CA. with brown pyritized haloes.
645	679.2	Mafic volcanics; "diabase" texture; lightly fractured.
		652.2-654 - Feldspar porphyry; contact 35°.
		560-567.7 - Several smokey quartz veins 1/8" to 3/4" wide at 50° to CA; light brown pyritized haloes.
		574-579.2 - Intense light green epidote garnet alteration.
579.2	696	Crystal tuff? - dark green to black with many white

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
40187	1	605	607	2	T			
40188	1	607	609.5	2.5	.005			
40189	1	609.5	611.5	2	.02			
40190	1	611.5	613	1.5	.01			
40191	1	613	615	2	T			
40192	1	615	617	2	.005			
40193	1	617	619	2	.01			
40194		619	621	2	.02			
40195		621	623	2	.01			
40196		623	625	2	.005			
40197		625	627	2	.01			
40198		627	629	2	.005			
40199		629	631	2	.01			
40200		631	633	2	.01			
40201		633	635	2	T			
40202		635	637	2	.005			
40203		637	639	2	T			
40204		639	642	3	.02			
40205		642	645	3	.005			
40206	2	560	563.3	3.3	.01			
40207	10	563.3	567.7	4.4	.03			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-34 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
		feldspar phenocrysts up to 2mm. long; a few fragments of black mafic volcanics elongated at 45° to CA. many white carbonate fractures at various angles to CA.									
696	701	Feldspar porphyry; contact 60°.									
701	703	Intensely altered volcanics; purple tint (hematite alteration); strongly sillicified; many very irregular white quartz - carbonate stringers with 5% specular hematite and 1% fine pyrite.	40208	1	701	703	2'	.02			
703	705	Feldspar porphyry.									
705	723.5	Fine grained mafic volcanics; several stringers of feldspar porphyry.									
723.5	726	Variolitic volcanics; elongated at 30° to CA.									
726	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-35 LENGTH 734

LOCATION

LATITUDE 2+50 S DEPARTURE 3+30 W

ELEVATION AZIMUTH @ 100° DIP -70

STARTED Jan. 20/87 FINISHED Jan. 24/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
300	-68°				
734	-65°				

HOLE NO. 87-G-35 SHEET NO. 1

REMARKS

LOGGED BY R. CLARK.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	12	Casing
12	146	Medium to fine grained massive to "diabasic" textured basalt- dark green to grey moderately magnetic- occassional band of epidote and red garnet veinlet. At 75' - core becomes moderately folliated at 55° to CA. At 146 - Very fine grained , sillicified, mafic volcanics?- well banded locally? Alternating light to dark green bands on the 2-3mm. scale (possibly a flat laminated sediment?) Folliation at 50° to CA. occassional hairline quartz and carbonate stringers at various angles to CA. 102-103.5 - Feldspar porphyry dyke - Very narrow brownish buff colored alteration haloes about dyke - Trace sulphide in haloes.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
18311		97	101.5		0.002			
18312		101.5	103.5		.002			
18313		103.5	108.5		.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-35 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
120	131	Intensly sillicified volcanics- well folliated at 42° to CA. Intense epidote alteration - 2-3% pyrite in streaks parallel folliation from 120-126.	18314		120	126	6'	002			
			48398		126	131	5'	.001			
			48399		131	134	3'	.003			
			18315		134	136	2'	.075			
131	143	Medium grained mafic volcanics with occassional carbonate stringer at various angles to CA.	18316		136	138	2'	.012			
		134-143 - Numerous hairline to ¼" quartz stringers with buff pyritized alteration haloes at various angles to CA. 7-8% sulphides through interval.	18317		138	140	2'	.01			
			18318		140	143	3'	.003			
			18319		143	144.3	1.3'	.011			
143	144.3	Feldspar porphyry dyke.									
144.3	195	Medium grained diabasic textured mafic volcanics.									
		At 178.7 - a ¼" white quartz vein at 60° to CA.-1/8" brownish pyritized alteration halo about vein. 1-2% pyrite in halo.	18320		178	179	1'	.006			
195	199	Purplish hued mafic intrusive - 1-2mm. biotite phenocrysts numerous hairline to 1.5" quartz and carbonate stringers at 75° to CA. Interval is carbonatized and reddish brown in color - Trace sulphide throughout.	18321		195	197	2'	.004			
			18322		197	199	2'	.001			
		Lower contact at 20° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-35 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
199	239	Diabasic textured volcanics as 144.3-195 Weakly folliated at 35° to CA. 201-203 - Quartz vein at very low angle to CA. with brownish pyritized alteration halo- 2-3% sulphides through interval.	18323		201	203	2'	T			
239	261	Very fine grained and folliated volcanics - numerous epidote bands- similar to 95-146 - folliated at 45° to CA. 254-257 - Numerous hairline irregular carbonate and quatrz stringers with brownish pyritized alteration haloes. 2-3% sulphides through interval.	18324		254	257	3'	.002			
			18325		271	273	2'	.013			
261	305	Medium grained massive mafic volcanics - moderately magnetic dark green grey in color. 271 - Numerous ¼ to ½" white quartz veins at 50° to CA.- with occassional epidote band.	18326		273	275	2'	.006			
		300-305 - Intense cream colored alteration possibly cross-cut with numerous epidote bands - Trace sulphide- intensly sillicified	18327		300	305	5'	NIL			

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-35 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
305	338	"Crystal Tuff" - 1-2mm. euhedral feldspars randomly oriented in a green grey matrix.									
338	343	Intermediate Lapilli crystal tuff - light green grey texturally similar to 305 to 338 with 2-3% lapilli sized fragments of various compositions stretched parallel folliation - folliation at 40° to CA. Occassional carbonate stringer at 50° to CA.	18328		370	373.5	3.5	.001			
			18329		373.5	375.5	2	.002			
			18330		375.5	380.5	5	T			
368.5	370.5	Mafic Intrusive Dyke - carbonatized with a purplish hue.	18331		380.5	385.5	5	NIL			
370.5	373.5	Lapilli crystal tuff as 343-368.5.	18332		385.5	388	2.5	.003			
373.5	375.5	Feldspar porphyry dykelet - near pegmetitic texture.	18333		391	393	2	.004			
375.5	388	Very fine grained volcanics - much epidote alteration well folliated at 40° to CA. - similar to 95-146. Occassional streak and band of pyrite - 7-8% sulphides throughout.	18334		399	402	3	.003			
388	390.5	Mafic intrusive as 368.5-370.5.									
390.5	503	Fine grained massive mafic volcanics - occassional band and bleb of epidote - occassional									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-35 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
		nest of quartz stringers with buff brown alteration haloes- stringers sampled #s 18323 and 18324									
		407-418 - Variolitic textured volcanics - 1-1.5cm. light green to white stretched varioles- stretched parallel folliation at 40° to CA	18335		428	430	2'	NIL			
			18336		430	435	4'	NIL			
			18337		435	440	5'	.001			
			18338		440	445	5'	.001			
			18339		445	450	5'	T			
		430-450 - As above with occassional quartz stringer with brownish pyritized alteration haloes.	18340		450	455	5'	NIL			
			18341		455	460	5'	T			
			18342		460	465	5'	NIL			
			18343		465	470	5'	NIL			
		450-503 - Intense epidote alteration - with occassional band and bleb of sulphides- irregular quartz stringer at various angles to CA. with brownish pyritized alteration haloes.	18344		470	475	5'	T			
			18345		475	480	5'	.002			
			18346		480	485	5'	NIL			
			18347		485	490	5'	.001			
			18348		490	495	5'	NIL			
		At 496 - a 2" feldspar porphyry dyke.	18349		495	500	5'	T			
		At 499 - As above.	18350		500	504		.005			
			18351		504	504.5	0.5'	.02			
503	579	MAIN ALTERATION ZONE	18352		504.5	506.5	2'	T			
		503-503.5 - Fault gauge - very soft chlorite carbonate paste like material.	18353		506.5	508.5	2'	T			
			18354		508.5	510.5	2'	T			
			18355		510.5	512.5	2'	T			
			18356		512.5	514.5	2'	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-C-35 SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		503.5-509.5 - Kimberlite dyke - dark green with angular fragments of various compositions and 10-15% black well rounded phenocrysts- carbonatized.
		509.5-578 - Intensly silicified volcanics - pale buff brown to purple - cut with numerous carbonate stringers at 20-30° to CA.- very chaotic in appearance. Heavily fractured. Trace sulphide throughout.
578	609	Fine grained massive volcanics with occassional hairline carbonate stringer - occassional band and bleb of epidote.
609	631	Feldspar porphyry with a narrow brownish pyritized alteration halo - 3-4% sulphides in halo on upper contact - Porphyry altered to a reddish brown color 2-3% pyrite throughout.
631	634.8	Heavily carbonatized purplish hued mafic intrusive- 1-2mm. subhedral mafic phenocrysts set in a fine grained purple matrix.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ TON
18357		514.5	516.5	2'	T			
18358		516.5	518.5	2'	T			
18359		518.5	520.5	2'	.005			
18360		520.5	522.5	2'	T			
18361		522.5	524.5	2'	T			
18362		524.5	526.5	2'	.005			
18363		526.5	528.5	2'	.005			
18364		528.5	530.5	2'	T			
18365		530.5	532.5	2'	T			
18366		532.5	534.5	2'	.005			
18367		534.5	536.5	2'	T			
18368		536.5	538.5	2'	.005			
18369		538.5	540.5	2'	.005			
18370		540.5	542.5	2'	.005			
18371		542.5	544.5	2'	.02			
18372		544.5	546.5	2'	T			
18373		546.5	548.5	2'	T			
18374		548.5	550.5	2'	T			
18375		550.5	552.5	2'	.005			
18376		552.5	554.5	2'	T			
18377		554.5	556.5	2'	.005			
18378		556.5	558.5	2'	T			
18379		558.5	560.5	2'	T			
18380		560.5	562.5	2'	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
634.8	635.8	Feldspar porphyry - altered reddish orange- Trace sulphide.	18381		562.5	564.5	2'	T			
			18382		564.5	566.5	2'	.005			
636.8	641.8	Altered porphyry as 609-631.	18383		566.5	568.5	2'	.01			
			18384		568.5	570.5	2'	.001			
641.8	657	Fine grained massive mafic volcanics - occassional irregular carbonate stringer and occassional band and bleb of sulphides.	18385		570.5	572.5	2'	T			
			18386		572.5	574.5	2'	.005			
			18387		574.5	576.5	2'	T			
			18388		576.5	578.5	2'	.002			
			18389		578.5	580.5	2'	NIL			
657	658.3	Altered volcanics - Numerous hairline to 1/8" quartz stringers at 30° to CA. with intense brownish pyritized alteration haloes - 10-15% sulphides.	18390		580.5	582.5	2'	NIL			
			18391		582.5	584.5	2'	NIL			
			18392		584.5	590	5.5'	NIL			
658.3	711	Altered feldspar porphyry -cut with occassional quartz stringer - altered pale orange where cut, occassional graphite filled fracture- local concentrations of up to 5% sulphides- 1-2% average.	18393		590	595	5'	NIL			
			18394		595	600	5'	NIL			
			18395		600	605	5'	T			
			18396		605	608	3'	.002			
			18397		608	609	1'	NIL			
			18398		609	614	5'	002			
			18399		614	619	5'	NIL			
		701-711 - Numerous rounded to angular fragments of altered to unaltered volcanics.	18400		619	624	5'	.004			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
711	724	Purplish mafic intrusive as 368.5-370.5. At 718 - a 2" band of kimberlite as 503.5-509.5 At 724 - a 6" feldspar porphyry dyke.
724.6	725.6	Variolitic textured volcanics - 1-1.5cm. pale grey varioles set in a fine green matrix.
725.6	727	Purplish mafic intrusive as 368-370.5
727	734	Variolitic textured volcanics as 724.6-725.6.
		EOH at 734
		Core stored on site.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
18401		624	627	3'	.002			
18402		627	631	4'	T			
18403		631	634.8	3.8'	.008			
18404		634.8	635.8	1'	.002			
18405		635.8	636.8	1'	.001			
18406		636.8	641.8	5'	.005			
18407		641.8	647	5.2'	NIL			
18408		647	652	5'	NIL			
18409		652	657	5'	.024			
18410		657	658.3	1.3'	044			
18411		658.3	663	4.7'	009			
18412		663	666	3'	017			
18413		666	671	5'	.010			
18414		671	676	5'	.001			
18415		676	681	5'	.002			
18416		681	686	5'	.003			
18417		686	691		.003			
18418		691	696		.009			
18419		696	701		.011			
18420		701	706		NIL			
18421		706	711		NIL			
18422		711	716		.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.
HOLE NO. SS-87-G-36 LENGTH 495 Feet
LOCATION Murphy Garrison
LATITUDE 600 W DEPARTURE 313 S
ELEVATION AZIMUTH 55° DIP -50°
STARTED Jan 22/87 FINISHED Jan 25/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
495	-48°				
250	-48°				

HOLE NO. 87-36 SHEET NO. 1
REMARKS

LOGGED BY R. CINITS.

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	4	Overburden									
4	60	Mafic volcanics ; dark green; medium to fine grained; < 1% fine specks pyrite ; minor patches of epidote alteration.									
60	75	Fine bedded volcanics (possible ash tuff?) banded at 65° to CA.; dark grey to green with purple hue in places; minor green epidote alteration along some beds.									
75	96	Crystal tuff ; dark green grey with many white feldspar laths up to 2mm. long; minor banding at 65° to CA.; minor bands of epidote alteration throughout.									
96	165	Variolitic volcanics; elongated at 55° to CA.; minor bands of garnet- epidote alteration. 96-100.6 - Intense epidote alteration. 100.5-101 - Extremely "vuggy" volcanics.	40209	< 1	96	101	5	NIL			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-36 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
			40210	1	130	135	5	NIL			
135	165	Sheared variolitic volcanics; at 65° to CA. minor to intense epidote-garnet alteration; 1% fine disseminated pyrite throughout; moderately magnetic.	40211	1	135	140	5	Nil			
			40212	1	140	145	5	NIL			
			40213	1	145	150	5	NIL			
165	197	Fine grained mafic volcanics; minor bands of garnet- epidote alteration.	40214	1	150	155	5	NIL			
			40215	1	155	160	5	NIL			
		At 171 quartz- garnet - epidote vein 3/4" wide at 10° to CA.	40216	1	160	165	5	NIL			
		At 172- Granite dyke 5" wide at 45°.									
197	230	Variolitic mafic volcanics; several patches of moderate to intense garnet- epidote alteration.									
		208.4-209 - Granite dyke at 70°.									
230	248	Fine grained mafic volcanics; minor garnet epidote alteration.									
		At 242.9 - a 2" feldspar porphyry dyke at 80°.									
		At 244.7-245.1 - As above.									
248	260	Very fine grained banded volcanics; silicified and epidotized; banded at 50° to CA.; < 1% very fine specks pyrite									
260	285	Fine grained mafic volcanics as before.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-36 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
		269.3-269.7 - Feldspar porphyry dyke at 80°.									
		271.2-275.9 - As above.									
		281.6-282.3 - As above.									
285	316	Variolitic mafic volcanics; minor bands of garnet epidote alteration; varioles slightly elongated at 60° to CA.									
		285-290 - Moderately sheared at 60° to CA.; minor amount of epidote alteration throughout 1% very fine specks pyrite throughout.									
		At 285.5 - 2 white quartz veins ¼ and ½" wide at 35° to CA.; 5% anhedral blebs pyrite and soft grey mineral (moly?)	40217	5	285	286	1	T			
			40218	1	286	290	4	T			
		305-316 - Lightly sheared at 60° to CA.; a few white carbonate fractures at various angles to the shearing; trace of very fine pyrite.	40219	<1	305	310	5	NIL			
			40220	<1	310	315	5	NIL			
			40221	1	315	317	2	NIL			
			40222	3	317	319	2	NIL			
316	333	Main Alteration Zone	40223	3	319	320.9	1.9	.002			
		Many very irregular white carbonate and quartz	40224	2	320.9	322.4	1.5	.009			
		veinlets and fractures at many orientations cutting	40225	3	322.4	325	2.6	.002			
		through highly altered purple hued mafic volcanics;	40226	3	325	327	2	NIL			
		areas of intense hematite and potassic alteration;	40227	3	327	329	2	T			
		pervasive carbonization throughout; 1-5% very fine	40228	3	329	331	2	NIL			

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-C-36 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
		to medium grains of pyrite.	40229	3	331	333	2	NIL			
			40230	< 1	333	338	5	NIL			
		320.9-322.4 - Kimberlite (fault) ; dark green brown matrix with well rounded black phenocrysts and angular fragments of various compositions; pervasively carbonatized; oriented at 50° to CA. ; 2% fine specks pyrite.	40231	<1	338	343	5	NIL			
			40232	<1	343	348	5	NIL			
			40233	<1	348	353	5	NIL			
			40234	<1	353	357.6	4.6	T			
			40235	1	357.6	362.6	5	.003			
			40236	1	362.6	368	5.4	.004			
			40237	5	368	369.5	1.5	.014			
333	357.6	Lightly altered volcanics; several quartz - carbonate veinlets at about 40° with red altered pyritized haloes.									
357.6	368	Purplish hued intrusive (Lamprophyre); brownish-purple with black anhedral mafic phenocrysts; 1% fine disseminated pyrite throughout. 368-369.5 - Several white quartz veins 1/8"-¼" wide at 65° to CA.; intense brown, pyritized alteration haloes.									
			40238	5	382.3	384.2	1.9	.011			
369.5	384.2	Variolitic mafic volcanics; minor white carbonate fractures at various orientations. 382.3-384.2 - Several white quartz veins as at 368 to 369.5.									

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-36 SHEET NO. 5

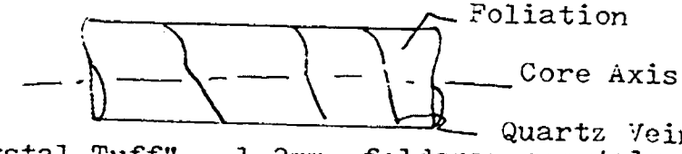
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
384.2	392.3	Feldspar porphyry dyke; contact 65°.									
392.3	495	Fine grained mafic volcanics; several stringers of feldspar porphyry; minor garnet - epidote alteration and white carbonate fractures.	40239	3	405	407	2	NIL			
		405-407 - Intense garnet - epidote alteration; moderate amounts of quartz and carbonate throughout; 3% fine disseminated pyrite.	40240	3	477.3	479.9	2.6	NIL			
		459-459.9 - Feldspar porphyry.									
		477.3-479.9 - Garnet - epidote alteration as at 405-407.									
495	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-87-G-37 LENGTH 1067
LOCATION
LATITUDE 3+40 N DEPARTURE 0+50W
ELEVATION AZIMUTH Grid South DIP -50
STARTED Jan 24/87 FINISHED Jan30/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
300	-43				
600	-43				
1068	-45				

HOLE NO. 87-G-37 SHEET NO. 1
REMARKS
LOGGED BY R. CLARK.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	14	Casing
14	46	Black fine grained massive mafic volcanic, basalt. Moderately magnetic- occasional hairline carbonate stringer at ≃45° to CA.- First 40' very blocky. 28- Quartz veins - hairline to several inches in width with brownish pyritized alteration haloes Frequency of veins is sporadic with "nests" of veins approximately every 5' - veins roughly parallel at 55° to 60° to CA.- 7-8% pyrite locally with vein nests. 35- Occassional epidote band and red garnet veinlet-core foliated at 35° to CA. - Quartz veins overprint foliation as below 
46	150	"Crystal Tuff" - 1-2mm. feldspar crystals in a fine

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
18423		27.5	32	4.5	.004			
18424		32	37	5	.001			
18425		37	40.6	3.6	.006			
18426		40.6	43.2	2.6	T			
18427		43.2	45.9	2.7	.042			
18428		45.9	50	4.1	.001			
18429		50	53	3	NIL			
18430		53	57	4	NIL			
18431		57	58	1	.003			
18432		58	63	5	NIL			
18433		63	67	4	NIL			
18434		67	72	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	ASSAYS OZ. TON
		grained grey matrix.									
		87-89 - 3 parallel white quartz veins - 3" to 1" wide at 40° to CA. surrounded by numerous hairline stringers - all with brownish pyritized alteration haloes- veins contain wall rock fragments with brownish pyritized reaction rims - 4-6% sulphides through interval.	18435		72	76	4'	NIL			
			18436		76	81	5'	NIL			
			18437		81	84	4'	NIL			
			18438		84	87	3'	.005			
			18439		87	89	2'	.53	.61	.45	
			18440		89	92	3'	.006			
			18441		92	97	5'	.002			
		115-117 - Feldspar porphyry - altered to dark orange cut with occasional quartz stringer - 2-3% sulphides in stringers.	18442		97	102	5'	.006			
			18443		102	107	5'	T			
			18444		107	112	5'	NIL			
			18445		112	115	3'	T			
			18446		115	117	2'	.005			
			18447		117	120	3'	T			
			18448		120	122	2'	.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. ~~SS-87-G-37~~ SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		140-141 - 2 parallel white quartz veins with brownish pyritized alteration haloes- ½" to 2" wide at 38° to CA.
		2-3% sulphides in veins and haloes.
		154-156 - A nest of numerous hairline quartz stringers parallel at 40° to CA. with brownish pyritized alteration haloes, surrounding a 7" vein also at 40° to CA.- Vein contains numerous pyritized wallrock fragments. 5-6% sulphides through interval.
		157-159 - Intense epidote alteration about a red garnet veinlet. Very vuggy. 2-3% very finely disseminated sulphides in halo- vein at very low angle to CA.
150	193	Black very fine grained mafic volcanics- moderately magnetic, cut with occasional hairline carbonate stringer at various angles to CA.- occasional band of epidote.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
18449		140	142	2	T			
18450		142	144	2	NIL			
18451		144	149	5	NIL			
18452		149	154	5	.002			
18453		154	156	2	.005			
18454		156	157	1	.004			
18455		157	159	2	.003			
18456		159	164	5	.001			
18457		164	168	4	.002			
18458		168	169.5	1.5	.002			
18459		169.5	170.5	1	.004			
18460		170.5	172	1.5	.002			
18461		172	177	5	NIL			
18462		177	182	5	.001			
18463		182	187	5	.003			
18464		187	192	5	.044			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 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
		168-172 - Several quartz veins with brownish pyritized alteration haloes at 40° to CA. - hairline to ¼" -at 170'-2-parallel 2" quartz veins as above- 2-3% coarse euhedral pyrite in veins.	18465		192	197	5'	.001			
			18466		197	202	5'	T			
			18467		218	223	5'	.005			
			18468		223	228	5'	.003			
		At 184.5 - a 9" feldspar porphyry dyke at 20° to CA.	18469		228	233	5'	T			
		At 189.2 - As above.	18470		237	239	2'	.003			
		196-200 - Feldspar porphyry dyke at 15° to CA.	18471		245	247	2'	0.017			
193	228	Medium grained diabasic textured volcanics - 15-20% elongate white feldspar laths - 1-2mm. in length at various orientations to CA.- moderately magnetic -dark grey to black- occasional carbonate stringer at various orientations to CA.- occasional epidote/ garnet veinlet.									
228	363.3	Feldspar porphyry dyke - medium grained massive pink porphyry, very stock-like in appearance - cut with occasional quartz vein - veins sampled - veins at 45° to CA. - very low frequency ≃ 1- 15'.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 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
		279.5-281.5 - Several 1/8" white quartz veins at 40° to CA.- porphyry altered to a dark red to pink adjacent to veins- Trace sulphide throughout.	18472		279.5	281.5	2'	.004			
			18473		281.5	285	3.5'	.008			
		306- Moderately altered feldspar porphyry - cut with numerous hairline quartz seams at various angles to CA.- Altered to dark reddish orange about veins.- 2-3% sulphides.	18474		290.5	291.5	1'	.004			
			18475		291.5	296.5	5'	.005			
			18476		296.5	301.5	5'	.014			
			18477		301.5	306.5	5'	.003			
		319.5-320.5 - Mafic volcanic xenolith - light green grey. Silicified. Cut with numerous red quartz stringers.	18478		306.5	311	4.5'	.008			
			18479		311	317	6'	T			
			18480		317	322	5'	.002			
363.3	618	Medium grained grey "Crystal Tuff"- 1-2mm. euhedral white feldspars in a fine grained grey matrix cut with occasional irregular quartz and carbonate stringers.	18481		322	327	5'	.002			
			18482		327	332	5'	.005			
		At 373 - a 1' feldspar porphyry dyke at 35° to CA.	18483		332	337	5'	.003			
			18484		337	342	5'	.022			
			18485		342	347	5'	.021			
		377-391 - Numerous hairline carbonate stringers at various angles to CA. - occasional quartz stringers at various angles to CA. with brownish pyritized alteration haloes - Trace to 5% sulphides throughout.									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 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
		378.6-379.6 - Light grey "Intrusive" - heavily carbonatized at 10° to CA. - 2" true width - 30-40% angular brownish red fragments -10-15% very finely disseminated sulphides throughout.	18486		347	352	5'	.004			
			18487		352	357	5'	.007			
			18488		357	362	5'	.006			
			18489		362	364	2'	.008			
			18490		364	367	3'	.007			
		At 387.4 - a 2" quartz breccia zone - 1mm. to 2cm. angular brownish pyritized wallrock fragments set in a white quartz matrix. 5-6% sulphides throughout.	18491		367	372	5'	.003			
			18492		372	377	5'	.005			
			18493		377	378.6	1.6'	.04			
			18494		378.6	379.6	1'	.10			
		At 391-408 - Occasional 1/8"-¼" quartz veins at ≈ 45° to CA. with brownish pyritized alteration haloes.	18495		379.6	384	4.4'	.009			
			18496		384	387	3'	.013			
			18497		387	391	4'	.010			
		393.5-395.5 - Feldspar porphyry dyke.	18498		391	393.5	2.5'	.002			
			18499		393.5	396.5	3'	.001			
			18500		396.5	397.5	1'	.002			
		442-452 - Several hairline to 1/8" quartz stringers with brownish pyritized alteration haloes- at 45° to CA.	18501		397.5	399.5	2'	.002			
			18502		399.5	404.5	5'	.001			
			18503		404.5	407.5	3'	.004			

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-37 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
		473-475 - Numerous hairline to 1/8" quartz stringers at 40° to CA. - frequency is 80 per foot increasing towards 475 all with narrow brownish pyritized alteration haloes. 3-4% pyrite throughout.	18504		442	447	5'	.003			
			18505		447	452	5'	NIL			
			18506		452	453	1'	T			
			18507		468	473	5'	NIL			
		475-476 - a 5" quartz vein at 40° to CA. with reddish brown alteration halo - 2-3% altered wallrock inclusions- Trace sulphides in vein -4-6% sulphides in vein.	18508		473	475	2'	.003			
			18509		475	476	1'	.006			
			18510		476	478	2'	.001			
			18511		478	483	5'	.006			
			18512		483	485	2'	.005			
		476-478 - Numerous quartz stringers as 473-475.									
		489-618 - Occasional lapilli sized fragment - core weakly foliated at 45° to CA.	18513		496	499	3'	.005			
			18514		520	522	2'	.005			
		At 496.5 - Several hairline brownish pyritized -498 stringers ≈ parallel core axis.	18515		532	533.5	1.5'	.005			
		520-522 - As above.									
		546.5 -560.4 - Purple hued mafic intrusive- lamprophyre? Medium grained heavily carbonatized									
		556-560.4 - Occasional hairline to 1/8" quartz stringer at 55° to CA. -intrusive altered to a reddish tinge.									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-37 SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		560.4-618 - Numerous hairline to ¼" quartz stringers ≈ parallel at 45° average CA; angle stringers have narrow red brown alteration haloes. Pyrite in veinlets and alteration haloes- local concentrations of up to 10% sulphides - 2-3% average.	18516		541.5	546.5	5'	T			
			18517		546.5	552	5.5'	T			
			18518		552	554	2'	.005			
			18519		554	556	2'	T			
			18520		556	558	2'	T			
			18521		558	560.4	2.4'	.005			
		At 594.5 - a 4" white quartz vein at 35° to CA. Vein has a narrow reddish brown alteration halo- Trace sulphide in vein.	18522		560.4	562	1.6'	.005			
			18523		562	564	2'	.02			
			18524		564	566	2'	T			
		602-609 - Core very blocky due to hairline chlorite/carbonate seams ≈ parallel to CA.	18525		566	568	2'	T			
			18526		568	570	2'	T			
			18527		570	572	2'	.005			
618	627	Purplish hued mafic intrusive. "Lamprophyre" as 546.5-560.4.	18528		572	574	2'	T			
			18529		574	576	2'	T			
			18530		576	578	2'	T			
627	628.5	Crystal tuff - Several quartz stringers with brown pyritized haloes - 2-3% sulphides at 55° to CA.	18531		578	580	2'	T			
			18532		580	582	2'	T			
			18533		582	584	2'	T			
628.5	642	Feldspar porphyry as 228-363.3	18534		584	586	2'	T			
			18535		586	588	2'	.005			
642	643.7	"Lamprophyre" as 546.5-560.4	18536		588	590	2'	.03			
			18537		590	592	2'	.005			
			18538		592	594	2'	.01			
			18539		594	595	1'	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 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
643.7	852	Feldspar porphyry as 228-363.3	18540		595	597	2'	T			
		At 658.8 - a 1" grey white quartz vein at 25° to CA.	18541		597	599	2'				
		Trace sulphide.	18542		599	601	2'				
		At 660.5 - a 2" as above at 10° to CA.	18543		601	603	2'				
			18544		603	605	2'				
		At 670.4 - a ½" as above at 22°.	18545		605	607	2'				
			18546		607	609	2'				
		At 677.2- a 1" as above at 20°.	18547		609	611	2'				
		At 687 - a 1" vein as above at 20°.	18548		611	613	2'				
			18549		613	615	2'				
		692-702 - Several irregular quartz veins - Trace	18550		615	617	2'				
		sulphide.	18551		617	618	1'				
		707-710 - a ½" quartz vein ≈ parallel CA. Trace	18552		618	623	5'	T			
		sulphide.	18553		623	627	4'	NIL			
			18554		627	628.5	1.5'	NIL			
		710-857 - Occassional ¼-1" quartz vein - Trace	18555		628.5	633	4.5'	.003			
		sulphides in vein- All veins sampled.	18556		633	638	5'	.002			
			18557		638	642	4'	.002			
			18558		642	643.7	1.7'	.002			
			18559		643.7	648	4.3'	T			
			18560		648	653	5'	.001			
			18561		658.4	659.8	1.4'	.002			
			18562		659.8	661.3	1.5'	.002			
			18563		664.5	670	5.5'	.003			

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-37 SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
852	853.3	Altered volcanics - numerous irregular pyrite filled hairline fractures with brownish haloes. 851.7-852.1 - 3 parallel ½-1" white quartz veins at 45° to CA.- 2 in porphyry, one on the volcanic contact.- The two in porphyry have bleached orange haloes with 4-5% disseminated sulphides- The vein on the volcanic contact has a brownish pyritized halo and sulphide content increases to 15-20% pyrite. Veins in volcanics have much more sulphides in haloes than those in porphyry.
853.3	854.3	Feldspar porphyry.
854.3	869.2	Altered volcanics - numerous hairline to ¼" quartz stringers with brownish pyritized alteration haloes. 5-6% pyrite throughout.- veinlets ≈ 35-45° toCA- Locally weakly foliated at 15° to CA. outlined by streaks of epidote.- occasional band and bleb of feldspar porphyry.
869.7	872.3	Purplish hued mafic intrusive/lamprophyre - As 546.5-560.4.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ TON
18563		670	671	1.0	.002			
18564		676.5	677.5	1.0	.003			
18566		686	687.5	1.5	T			
18567		692	694	2	.010			
18568		694	699	5	.001			
18569		699	702	3	.002			
18570		707	709	2	.001			
18571		708	711	3	.002			
18572		723.4	724.4	1	.007			
18573		729.5	734	4.5	.002			
18574		737.8	738.9	1.1	.001			
18575		745	747	2	.002			
18576		747	752	5	.004			
18577		752	757	5	.002			
18578		776	781	5	.001			
18579		781	786	5	.003			
18580		786	791	5	.001			
18581		807.5	809.5	2	.006			
18582		811.5	814.5	3	.003			
18583		821	826	5	.002			
18584		826	829	3	.001			
18585		829	834	5	.001			
18586		834	837	3	.004			
18587		837	842	5	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-37 SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
872.3	880.0	Altered volcanics as 854.3-869.2
880	950	MAIN ALTERATION ZONE- sheared and altered volcanics, silicified and foliated at 40° to CA. - patches of epidote - local hematite bands and blebs - numerous quartz stringers with buff colored alteration haloes 1-2% sulphides throughout with local concentrations of 5-10% - very chaotic zone. At 880.2- 1.5" kimberlite dyke - numerous fragments of various compositions set in a dark green intrusive - heavily carbonatized. 926-938 - Kimberlite dyke as above. 938-942 - Altered and fractured feldspar porphyry- Trace sulphide. 942-950 Kimberlite dyke as 926-938
950	994	Feldspar porphyry - moderately altered from 950-967. occasional quartz vein at 45° to CA.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
18588		842	847	5'	.001			
18589		847	852	5'	.002			
18590		852	853.3	1.3'	.004			
18591		853.3	854.3	1'	T			
18592		854.3	857	2.7'	.005			
18593		857	859	2'	.007			
18594		859	861	2'	.006			
18595		861	863	2'	.004			
18596		863	865	2'	T			
18597		865	867	2'	.005			
18598		867	869.7	2.7'	.001			
18599		869.7	872.3	2.6'	NIL			
18600		872.3	874	1.7'	.008			
18601		874	876	2'	.003			
18602		876	878	2'	.002			
18603		878	880	2'	.004			
18604		880	882	2'	.005			
18605		882	884	2'	T			
18606		884	886	2'	T			
18607		886	888	2'	T			
18608		888	890	2'	T			
18609		890	892	2'	T			
18610		892	894	2'	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 SHEET NO. 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
994	996	Mafic volcanic- grey to green - massive fine grained basalt - several 1/8" quartz stringers with brownish pyritized haloes- at ≈ 45° to CA.
996	1005	Feldspar porphyry 950-994.
1005	1056.4	Mafic volcanics as 994-996 - occasional epidote/ garnet veinlet - occasional hairline to 1/8" quartz veinlet with brownish pyritized alteration halo at 45° to CA. At 1052- a 5" mafic intrusive dyke/ lamprophyre as 546.5-560.4. At 1056 - As above.
1056.4	1067	Feldspar porphyry EOH at 1067 Core stored on site.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ TON
18611		894	896	2'	T			
18612		896	898	2'	T			
18613		898	900	2'	T			
18614		900	902	2'	T			
18615		902	904	2'	T			
18616		904	906	2'	.005			
18617		906	908	2'	T			
18618		908	910	2'	T			
18619		910	912	2'	.005			
18620		912	914	2'	T			
18621		914	916	2'	T			
18622		916	918	2'	T			
18623		918	920	2'	T			
18624		920	922	2'	.005			
18625		922	924	2'	.005			
18626		924	926	2'	T			
18627		926	928	2'	T			
18628		928	930	2'	.005			
18629		930	932	2'	T			
18630		932	934	2'	.005			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 SHEET NO. 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
			18631		934	936	2'	T				
			18632		936	938	2'	T				
			18633		938	940	2'	.005				
			18634		940	942	2'	T				
			18635		942	944	2'	T				
			18636		944	946	2'	.005				
			18637		946	948	2'	.005				
			18638		948	950	2'	005				
			18639		950	955	5'	.003				
			18640		955	960	5'	.006				
			18641		960	965	5'	.002				
			18642		965	970	5'	.001				
			18643		970	975	5'	.001				
			18644		981	986	5'	T				
			18645		989	994	5'	.002				
			18646		994	996	2'	T				
			18647		1005	1010	5'	.003				
			18648		1012	1017	5'	NIL				
			18649		1010	1012	2'	NIL				
			18650		1017	1022	5'	NIL				
			18651		1022	1027	5'	NIL				
			18652		1027	1032	5'	T				
			18653		1032	1037	5'	.003				
			18654		1037	1042	5'	NIL				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-37 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	ASSAYS OZ/TON	
			18655		1042	1047	5'	NIL				
			18656		1047	1052	5'	NIL				
			18657		1052	1057	5'	.003				

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-87-G-38 LENGTH 481 Feet
LOCATION
LATITUDE 13+00 W DEPARTURE 8+72 S
ELEVATION AZIMUTH 40° DIP -55°
STARTED Jan 25/87 FINISHED Jan 27/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
349	-51°				
469	-52°				

HOLE NO. 87-38 SHEET NO. 1
REMARKS

LOGGED BY R. CINITS.

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	1	Overburden.									
1	40	Crystal Tuff? - dark green to black with many white feldspar crystal up to 2 mm. long; several black rock fragments elongated along bedding plane at 55° to CA.									
40	48.4	Altered volcanics; intensely silicified and cut by many white quartz - carbonate fractures at 50°; becomes so intense from 43 to 48 that veinlets are not distinguishable; 5 to 10% fine specks and anhedral blebs pyrite; minor epidote alteration in places.	40241	1	40	43	3	.007			
			40242	5	43	45	2	.018			
			40243	5	45	47	2	.017			
			40244	5	47	48.4	1.4	.054			
			40245	<1	48.4	51.4	3	.01			
48.4	184.5	Fine grained mafic volcanics; dark green to grey; moderately magnetic; a few bands of minor garnet-epidote alteration. 48.4-51.4 - Several quartz carbonate fractures at 60° with < 1% fine pyrite and minor									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-38 SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPH. IDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ TON
		garnet epidote alteration.	40246	2	83.3	85.3	2	.001			
		At 75.4 - Quartz carbonate veinlet ½" wide at 20° barren.									
		83.3-85.3 - Several white quartz carbonate veinlets 1/8"-¼" wide at 20° to CA.; 2% anhedral blebs pyrite.									
		143- Several white carbonate fractures at 50° to CA.; 1% fine disseminated pyrite; moderately magnetic.									
184.5	198.5	Very fine grained banded volcanics; extremely silicified; moderate to intense garnet - epidote alteration; < 1% fine disseminated streaky pyrite along bands at 53° to CA.; cut by several quartz and carbonate fractures both parallel and prependicular to banding.	40247	<1	181.6	187	5.4	.001			
			40248	1	187	192	5	.001			
			40249	2	192	193.5	1.5	T			
			40250	1	193.5	198.5	5	T			
			40251	5	198.5	202.5	4	.034			
		At 192 - Quartz carbonate veinlet ½" at 47° ; 3% fine disseminated pyrite.	40252	1	202.5	207.5	5	.013			
			40253	1	207.5	212.5	5	.001			
		At 193.2- As above 3/4" wide; dotted with 10% anhedral blebs chlorite.	40254	1	212.5	217.5	5	.001			
			40255	1	217.5	222.5	5	NIL			
198.5	225	Variolitic mafic volcanics; light green to grey; moderately to intensely silicified and epidotized;									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-38 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
		moderately sheared at 55° to CA.; varioles 1mm. -2cm.									
		198.5-202.5 - Cut by several white quartz veins, < ¼" - ½" wide at 45° to CA. perpendicular to shearing; moderate light brown alteration throughout; 5% fine disseminated pyrite.									
		225-280 - Less intensely variolitic to fine grained mafic volcanics; a few quartz carbonate fractures and veinlets with minor pyritized haloes.									
		265-280 - Several very irregular white carbonate veinlets at several orientations cross-cutting variolitic banding at 57°; several hematite rich bands ½" to 1" wide parallel to variolitic bands; 1-5% fine disseminated pyrite speck.	40256	2	267	270	3	.005			
			40257	1	270	275	5	.002			
			40258	1	275	280	5	.016			
			40259	1	280	285	5	.009			
			40260	1	285	290	5	.010			
			40261	1	290	295	5	.007			
280	297	Variolitic volcanics; elongated at 60° to CA.; intense silicification and epidotization throughout ; minor garnet throughout; < 1% fine disseminated pyrite specks.	40262	1	295	298	3	.015			
			40263	< 1	298	301.5	3.5	.001			
			40264	2	301.5	306.5	5	.028			
297	301.5	Fine grained mafic volcanics; a few white carbonate fractures.	40265	2	306.5	311.5	5	.049			
			40266	2	311.5	316.5	5	.036			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-38 SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		At 299 - 2" pink feldspar porphyry dyke at 65°.	40267	2	316.5	320.1	3.6	.015			
301.5	320.1	Feldspar porphyry; contact 40° ; pink with white subhedral feldspar phenocrysts and 1% black mafic phenocrysts; moderate amounts of quartz carbonate fractures and veinlets most at low angles to CA. (15-30°) with 2% subhedral blebs and cubes of pyrite and grey hard mineral?									
320.1	358	Fine grained mafic volcanics; several white quartz carbonate fractures at various angles to CA.; several feldspar porphyry stringers.									
358	368.2	Lightly sheared variolitic volcanics; sheared at 60° to CA.; many quartz carbonate fractures and veinlets both parallel to and cross-cutting the shear at various orientations. 1-3% fine specks pyrite.	40268	5	358	360.2	2.2	.022			
			40269	1	360.2	365	4.8	.007			
			40270	1	365	368.2	3.2	.002			
		358.2 - Quartz carbonate vein 6" wide at 60° to CA. (parallel to shearing) 10% anhedral blebs chlorite throughout surrounding wall rock cut by many quartz carbonate veinlets with intense brown pyritized haloes and 5% pyrite.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-38 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
368.2	372.4	Feldspar porphyry dyke ; contact at 45°; lightly fractured with < 1% fine specks pyrite.	40271	1<1	368.2	372.4	4.2	.010			
372.4	399	Lightly altered mafic volcanics; many white quartz-carbonate fractures at 50° to 80° to CA. with minor light brown altered and pyritized haloes; moderately magnetic throughout.	40272	2	372.4	376.4	4	.008			
			40273	2	376.4	380.5	4.1	.008			
		380.5-382.5 - Intensely pyritized (10%) with red - brown alteration throughout; many very irregular fractures with chlorite and carbonate infilling.	40274	10	380.5	382.5	2	.007			
			40275		382.5	385	2.5	T			
			40276		385	387.5	2.5	NIL			
		At 396.1 - Several quartz carbonate veinlets 1/8"-¼" wide at 50°; intense brown pyritized haloes.	40277		387.5	390.5	3	T			
			40278		390.5	393.5	3	T			
			40279		393.5	396	2.5	T			
		At 396.5 - Smokey quartz carbonate vein 2½" wide at 50° to CA.; granular quartz with white carbonate and green chlorite matrix; several angular intensely pyritized wall rock fragments in vein; intense brown, pyritized halo.	40280		396	397	1	005			
			40281		397	399	2	T			
			40282		399	401	2	.105	0.10	0.11	
			40283		401	403	2	.02			
			40284		403	405	2	.005			
			40285		405	406.5	1.5	T			
399	406.5	Quartz carbonate breccia zone (vein?); smokey white quartz with white carbonate dotted with green chlorite as the matrix; several intensely pyritized angular	40286		406.5	408.5	2	T			
			40287		408.5	413.5	5	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. ~~SS-87-C-38~~ SHEET NO. 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ TON	ASSAYS OZ TON
		wall rock fragments throughout; 3% fine subhedral pyrite dotted throughout vein; minor irregular blebs of potassic alteration; upper contact 52° lower contact 48°	40288		413.5	418.5	5	.005			
406.5	408.5	Kimberlite (fault); dark green to brown soft matrix with many black , well rounded blebs (up to 5mm.) throughout. 408.2-408.5 - Black fine grained fault gouge. 406.5-407 - Many angular fragments of various compositions.									
408.5	418	Lightly altered mafic volcanics; many white carbonate fractures at 50-80° to CA.; pervasively carbonatized throughout; < 1% very fine specks pyrite. 409.5-409.8 - Kimberlite. At 413.7 - Kimberlite stringer ½" wide at 60° to CA.	40289	<1	418.5	423.5	5	NIL			
			40290	<1	423.5	428.5	5	NIL			
418	436.7	Variolitic volcanics; very small ellipse shaped epidotized varioles up to 2mm. long, elongated at 35° to CA.; minor garnet epidote alteration throughout; trace sulphides.	40291	<1	428.5	433.5	5	NIL			
			40292	<1	433.5	436.7	3.2	NIL			
436.7	438.8	Quartz- feldspar porphyry; light brown - tan color with anhedral quartz and feldspar phenocrysts; very glassy, translucent appearance; contact at 55°									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-38 SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
438.8	439.6	Mafic volcanics as before.
439.6	442.7	Quartz feldspar porphyry as before.
442.7	445.8	Feldspar porphyry; typical pink with black mafic specks and white subhedral feldspars; contact 75°.
445.8	478.2	Quartz feldspar porphyry intruded by many dykes of feldspar porphyry 1" to 2" wide; trace of fine pyrite throughout.
478.2	481	Fine grained mafic volcanics.
481	EOH	

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-3-39 LENGTH 195 Feet

LOCATION

LATITUDE 26+00N DEPARTURE 9+50S

ELEVATION AZIMUTH Grid S (235°) DIP -45°

STARTED Jan 28/87 FINISHED Jan 29/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-39 SHEET NO. 1

REMARKS

LOGGED BY R. CINITS.

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	18	Overburden									
18	195	Fine grained mafic volcanics; dark green; minor garnet- epidote altered fractures and patches; lightly magnetic.	40293	5	126.9	128.4	1.5	.001			
		At 127 - white quartz carbonate vein ¼" wide at 10° to CA.; intense red and pyrite alteration halo.	40294	3	142	143	1	T			
		142-169 - Several white quartz carbonate fractures and veinlets < 1/8"-½" wide at 40-60° ; moderate red- brown , pyritized alteration haloes.	40295	1	143	148	5	T			
			40296	1	148	153	5	.003			
			40297	1	153	158	5	T			
			40298	3	158	160.2	2.2	.002			
		At 160 - Quartz carbonate vein 3/4" wide at 40° to CA.; 5% very fine disseminated pyrite throughout; intense red hematized halo; 3% fine specks chlorite throughout.	40299	1	160.2	164.2	4	NIL			
			40300	3	164.2	165.2	1	.001			
		164.2-165.2 - Many veinlets 1/8"-¼" wide as above.	40301	1	165.2	168	2.8	NIL			
		168-169 - As above (at 35° to CA.)	40302	5	168	169	1	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-39 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
		189.7-195 - A few quartz carbonate stringers 1/8" wide at 15°-30° to CA.; bright red hematite altered with pyrite haloes.	40303	1	189.7	191.7	2	NIL			
		191.7-192.7 - Intensely pyritized with red hematite alteration (10% pyrite).	40304	10	191.7	192.7	1	.002			
			40305	1	192.7	195	2.3	NIL			
195	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.
HOLE NO. SS-87-G-40 LENGTH 316
LOCATION
LATITUDE 20+00W DEPARTURE 14+75S
ELEVATION AZIMUTH Grid N(55°) DIP -45°
STARTED Jan 29/87 FINISHED Jan 30/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-40 SHEET NO. 1
REMARKS

LOGGED BY R. CINITS

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	4	Overburden.										
4	31	Fine grained volcanics tuff? dark green; banded at 45° to CA.; bands < ¼" wide to several inches; minor epidote alteration bands and irregular patches of cream alteration.										
4	30	Extremely fractured core.										
31	41	Crystal Tuff?; dark green with many anhedral white feldspars dotted throughout; minor banding at 55° to CA.; several elongated black rock fragments throughout; non-magnetic; trace of fine pyrite throughout (possible lapilli tuff).										
41	64	Very fine grained volcanics as at 4-31 ; heavily to moderately fractured; moderate garnet- epidote alteration; minor calcite fracturing.										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-40 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
64	81	Lapilli crystal tuff as at 31-41.									
81	90	Very fine grained volcanics as before; intensely silicified; lightly carbonate fractured. 1% very fine pyrite disseminated throughout.	40306	2	81	82	1	T			
			40307	1	82	87	5	T			
			40308		87	90	3	NIL			
			48401		90	93	3	.001			
			48402		93	96	3	.007			
			48403		96	99	3	< .001			
		At 81 - Intensely silicified band 1" wide at 50° to CA.; 2% fine disseminated pyrite in irregular bands parallel to contact.									
90	109.5	Variolitic volcanics; light garnet- epidote alteration throughout; varioles elongated at 60° to CA.; 1% fine disseminated pyrite.									
			48400		99	102	3	.003			
			40309	3	102	104.7	2.7	.082			
			40310	1	104.7	109.5	4.8	.003			
		102-109.5 - Intensely carbonatized and silicified; moderate epidote altered.									
		102-104.7 - 1-5% fine disseminated pyrite in ground mass surrounding varioles.									
			48404		150	155	5	< .001			
			48405		155	160	5	.001			
109.5		Fine grained mafic volcanics to very lightly variolitic volcanics; minor epidote and carbonate altered fractures; lightly magnetic.									
			40311	2	160.2	161.5	1.3	.21			
			40312	<1	161.5	166.3	4.8	T			
		160.2-161.5 - Many white quartz carbonate fractures and veinlets up to ¼" wide at 65°; 2% fine specks pyrite.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-40 SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ. TON
		166.3-170.8 - Many very irregular white quartz carbonate fractures and veinlets at many orientations; core is pervasively carbonatized and has a purple hue; areas of light garnet- epidote alteration; 2% fine disseminated pyrite.	40313	2	166.3	168.3	2	.006			
			40314	2	168.3	170.8	2.5	.002			
		170.8-177.8 - Sevaral white carbonate fractures at 40-80° to CA.; areas of pervasive carbonatization; 1% fine disseminated pyrite throughout.	40315	1	170.8	175.8	5	.010			
			40316	1	175.8	177.8	2	T			
216.8	224	Silicified and carbonatized volcanics; 1-3% pyrite	40317	2	216.8	220.2	3.4	.015			
		218.3-219 - Intensely bleached and fractured with chlorite- epidote infilling.	40318	2	220.2	222.8	2.6	.064			
			40319	2	222.8	227.6	4.8	.003			
		220.2-222.8 - Many very irregular quartz carbonate fractures brecciated veinlets at many orientations; 2% fine disseminated pyrite.	40320	1	227.6	229	1.4	NIL			
224	229	Fine grained banded volcanics; banded at 70° to CA. alternating light and dark bands; heavily silicified; 3-5% fine streaky pyrite and discontinuous pyrite bands pervasively carbonatized.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-40 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
229	246	Fine grained mafic volcanics; minor garnet-epidote alteration.									
246	255	Variolitic volcanics; dark green fine grained matrix with black well rounded ellipsoidal various 5mm. to 40mm. long; appear to be flattened at 65° to CA.; matrix soft and varioles very hard; 1% very fine pyrite specks; rock appears to be lightly sheared at 65° to CA.									
255.5	272	Brecciated Zone - Many angular fragments of volcanics with white quartz carbonate matrix; apple green epidote alteration throughout; minor irregular blebs of talc? Trace to nil sulphides.	40321	<1	255.5	257.5	2	NIL			
			40322	<1	257.5	260	2.5	NIL			
			40323	<1	260	263	3	NIL			
			40324	<1	263	266	3	NIL			
			40325	<1	266	269	3	NIL			
272	292	Variolitic volcanics as before.	40326	<1	269	272	3	NIL			
		288.7-290.4 - moderately sheared at 50° to CA.; 3% fine disseminated pyrite.	40327	<1	272	277	5	NIL			
			40328	<1	277	282	5	NIL			
292	302	Fine grained mafic volcanics.	40329	<1	288.7	290.4	1.7	.006			
		298-302 - Several quartz carbonate veinlets 1/8" - ¼" wide at 20° to CA.; 1% subhedral pyrite throughout veinlets.	40330	<1	298	302	4	NIL			
			40331	<1	302	305.1	3.1	.004			

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-40 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
302	316	Variolitic volcanics; moderate garnet - epidote altered. 302-305.1 - 2% fine disseminated pyrite; several quartz carbonate veinlets 1/8"-¼" at 20° to CA.; moderately carbonatized throughout.									
316	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.
HOLE NO. SS-87-G-41 LENGTH 156 Feet
LOCATION Murphy Garrison 6+00 W 1+00 N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 55° (grid N) DIP -45°
STARTED Jan 31/87 FINISHED Feb 1/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
156	-46°				

HOLE NO. 87-41 SHEET NO. 1
REMARKS _____

LOGGED BY R. CINITS.

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	4	Overburden.									
4	18	Mafic volcanics; dark green; fine grained; several carbonate and epidote fractures at 50° ; a few feldspar porphyry stringers; heavily fractured core moderately magnetic.									
4	21	Mafic Intrusive (Lamprophyre); purplish green; with with black biotite phenocrysts; pervasively carbonatized; contact at 50° to CA.									
21	51	Mafic volcanics; as above. 22.5-23.4- Feldspar porphyry. 25.5-26 - Feldspar porphyry. 28-28.5 - Feldspar porphyry. 31.5-32.1 - Feldspar porphyry. 36.4-36.8 - Feldspar porphyry.									
36.8	51	Several quartz carbonate fractures at 50° to CA.	40332	<1	36.8	37.8	1	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-41 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	ASSAYS OZ/TON
		< 1% fine disseminated pyrite; a few fractures at 5-10° to CA..									
		50.1-51.3 - 1% fine disseminated pyrite in several carbonate fractures at contact of feldspar porphyry.	40333	<1	37.8	41	3.2	NIL			
			40334	<1	41	44.8	3.8	NIL			
			40335	<1	44.8	50.1	5.3	NIL			
			40336	1	50.1	51.3	1.2	.003			
			40345	1	51.3	56	4.7				
51	130.8	Feldspar porphyry (granite); pink with subhedral feldspars and black mafic phenocrysts.									
		At 63 - smokey quartz vein $\frac{1}{4}$"-$\frac{1}{2}$" wide subparallel to CA.; 1% anhedral blebs pyrite.	40337	1	63	65.2	2.2	.001			
		At 70.1 - As above.									
		At 90.4 - As above.	40338	1	70.1	71.8	1.7	.002			
		107.3-108.3 - Mafic volcanics (xenolith?)									
		110.5-111.2 - As above.	40339	<1	90.4	91.4	1	NIL			
		116.6-127 - Several smokey quartz veins $\frac{1}{4}$" to $\frac{1}{2}$" wide subparallel to CA.; 1-2% anhedral blebs pyrite.	40340	<1	116.6	120.6	4.0	NIL			
			40341	1	120.6	125	4.4	NIL			
		123-130 - Several angular fragments of mafic volcanics.	40342	1	125	127	2	T			
			40343	1	127	130.8	3.8	NIL			
130.8	156	Variolitic Mafic Volcanics; varioles lightly elongated at 65° to CA.; dark green with light green epidote altered varioles; trace to nil sulphide throughout.	40344	<1	130.8	133.6	2.8	NIL			
156	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.
HOLE NO. SS-87-G-42 LENGTH 146 Feet
LOCATION Murphy Garrison 6 00W 2 00N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 55° (Grid N) DIP -45°
STARTED Feb 1/87 FINISHED Feb 2/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
146	-44°				

HOLE NO. 87-42 SHEET NO. 1
REMARKS _____
LOGGED BY R. CINITS.

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	14	Casing.									
14	46.5	Fine to medium grained mafic volcanics dark green; several irregular white carbonate fractures at various orientations to CA.; moderately magnetic; minor garnet- epidote alteration throughout; trace sulphides; a few feldspar porphyry stringers throughout; At 26.5 - Feldspar porphyry dyke 3" wide at 75°. 26.5-28- Several quartz carbonate fractures at 25° to CA.; 1% fine to medium anhedral pyrite blebs. 32-33.5 - As above.	40346	1	26.5	28	1.5	NIL			
14	26	Extremely fractured core.	40347	1	32	33.5	1.5	.002			
46.5	50.3	Feldspar porphyry; pink with many black mafic phenocrysts; contact at 60°.									
50.3	77	Mafic volcanics as before.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-42 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	ASSAYS OZ. TON
		54.3-54.6 - Feldspar porphyry at 25° to CA.; 2% fine disseminated pyrite along contact.									
		At 55 - White quartz vein ½" wide at 30° to CA.; 10% fine to medium subhedral to euhedral pyrite along contact; minor pink carbonate.	40348	5	54.3	56.9	2.6	NIL			
		At 55.5 - As above; 3/4" wide.	40349	<1	56.9	60.3	3.4	T			
		At 56 - As above 1/8" wide.									
		At 56.9 - As above.									
		At 60.3 - As above; ¼" wide.									
		61.3-61.9 - Feldspar porphyry dyke at 40° upper contact bordered by white quartz vein ½" wide; 1% fine pyrite.	40350	2	60.3	61.4	1.1	.002			
			40351	<1	61.4	66	4.6	NIL			
		At 70-71 - Intensely silicified; 5% fine disseminated pyrite specks; 5% anhedral blebs red hematite; many carbonate fractures at 50° to CA.	40352	<1	66	70	4	NIL			
			40353	3	70	71	1	.041			
			40354	<1	71	75.6	4.6	.001			
			40355	2	75.6	77	1.4	T			
		At 75.6 - Quartz vein ¼"-3/4" wide; sub-parallel to CA.; 5% fine to medium subhedral pyrite along contact and in vein; vein starts in volcanics and runs into feldspar porphyry to 79.7'.	40356	2	77	79.7	2.7	.001			
			48406		79.7	82.7	3.0	<.001			
			48407		82.7	85.7	3.0	<.001			
77	93.6	Feldspar porphyry; a few fragments of mafic volcanics throughout.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-42 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
93.6	127.6	Variolitic Mafic Volcanics; many carbonate fractures at 45-60° to CA.; minor elongation of varioles at 65° to CA.; varioles dark green to black in a light to dark green fine grained chloritic groundmass; trace to 1% fine pyrite throughout; several feldspar porphyry stringers throughout.									
		93.6-94.9- Intensely silicified and carbonatized; many fractures at 60° to CA.; 5% fine disseminated pyrite with brown alteration throughout.	40357	5	93.6	94.9	2.3	.035			
			40358	1	94.9	96.4	1.5	.001			
		94.9-96.4 - Many carbonate fractures at 60°; trace of pyrite.	40359	<1	96.4	101.4	5	NIL			
			40360	<1	101.4	106.4	5	NIL			
			40361	<1	106.4	109.6	3.2	NIL			
			40362	1	109.6	111.6	2	NIL			
		108.1-109.4 - Feldspar porphyry	40363	<1	111.6	116.6	5	NIL			
		109.6-111.6 - Many carbonate fractures at 40°; intensely carbonatized and pyritized halo from 119.4-120.4.									
			40364	<1	116.6	119.4	2.8	NIL			
			40365	2	119.4	120.4	1	.005			
			40366	<1	120.4	124	3.6	.002			
127.4	146	Feldspar porphyry; a few quartz veinlets ¼" wide at 25° to CA; upper contact at 45°.	40367	<1	124	127.4	3.4	.003			
146	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-42 SHEET NO. _____

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	
		RQD										
16	26	25										
26	36	50										
36	46	66										
46	56	83										
56	66	77										
66	76	43										
76	86	69										
86	96	59										
96	106	69										
106	116	74										
116	126	57										
126	136	41										
136	146	76										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-44 LENGTH 177 Feet

LOCATION

LATITUDE 1+60S DEPARTURE 6+00E

ELEVATION AZIMUTH 55° DIP -45°

STARTED Feb 1st/87 FINISHED Feb 2/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
177	42°				

HOLE NO. 87-44 SHEET NO. 1

REMARKS

LOGGED BY R. CLARK.

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	12	Casing									
12	110	Mafic volcanics- moderately sheared - foliated at 45° to CA. - moderately silicified- dark green to grey 6-8% sulphides occurs as streaks parallel foliation and as elongate blebs. Occasional hairline to 1/8" carbonate stringers at various angles to CA. - occasional epidote band. 64-66 - Core very blocky 65-69 - Several hairline to ¼" grey white quartz veins at ≃ 40° to CA. - Veins have greenish brown alteration haloes - 2-6% pyrite in haloes.	48501		12	17	5'	.002			
			48502		17	22	5'	.004			
			48503		22	27	5'	NIL			
			48504		32	37	5'	NIL			
			48505		45	47.5	2.5	.003			
			48506		65	69	4'	.10			
			48507		76	78	2'	.003			
			48508		83	84	1'	NIL			
110	155	Sheared and altered volcanics - light grey - intensely silicified - with numerous quartz and carbonate infill locally foliated at 45° to CA.- Occasional bleb of hematite - trace to 8% sulphides finely disseminated - very chaotic appearance.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-44 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	ASSAYS OZ/TON
		128-130.5 - Intensely silicified core has a translucent quality - 25-30% sulphides finely disseminated throughout interval.	48509		110	112	2	.001			
			48510		112	114	2'	.001			
			48511		114	116	2'	T			
		130.5-131.9 - Kimberlite - dark green with numerous well rounded black and light grey fragments.	48512		116	118	2'	T			
			48513		118	120	2'	NIL			
			48514		120	122	2'	NIL			
			48515		122	124	2'	NIL			
		131.9 - 137.2 Dark green medium to fine grained mafic volcanics - occasional hairline to 1/8" white quartz stringer at various angles to CA. with brownish pyritized haloes.	48516		124	126	2'	.001			
			48517		126	128	2'	T			
			48518		128	130.5	2.5'	012			
			48519		130.5	131.9	1.4'	NIL			
		At 137.2 - a 1.5" white quartz vein with brownish halo - 7-8% pyrite in halo 1-2% in vein- at 32° to CA.	48520		131.9	133.9	2'	T			
			48521		133.9	137	3.1	NIL			
		137.2-138.2 - Several hairline quartz and pyrite stringers with reddish brown pyritized haloes. 6-8% pyrite through interval.	48522		137	138	1	T			
			48523		138	140.6	2.6	NIL			
			48524		140.6	142	1.4	NIL			
		138-140.6 - Dark green volcanics as 131.9-137.2	48525		142	143.1	1.1	NIL			
			48526		143.1	145.1	2'	.028			
		140.6 -143.1 - Purplish hued mafic intrusive/lamprophyre heavily altered to a reddish brown	48527		145.1	147	1.9	NIL			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-44 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
		color- heavily carbonatized - 6-8% fine pyrite disseminated through intrusive.	48528		147	149	2'	NIL			
			48529		149	151	2'	NIL			
		143.1-145.1 - As 137.2-138.2									
		145.1-153 - Purplish hued intrusive/lamprophyre- as 140.6- 143.1.	48530		151	153	2'	.003			
			48531		161	162	1'	NIL			
155	EOH	"Diabasic" textured volcanics - occasional epidote band.	48532		167	169	2'	NIL			
		153-155 - Several hairline to 1/8" quartz stringers at various angles.									
		At 161.5 - Intense epidote alteration with pyrite- 8-10% pyrite in blebs.									
		At 168 - As above.									
		EOH at 177 Feet.									

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.

HOLE NO. SS-87-G-43 LENGTH 156 Feet

LOCATION Murphy Garrison 3+00N 6+00W

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 55° DIP -45°

STARTED Feb 2/87 FINISHED Feb 3/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-43 SHEET NO. 1

REMARKS _____

LOGGED BY T. Tennent

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	3.0	Casing	40368	<1	34.5	39.5	5'	NIL			
3.0	42.8	FINE GRAINED DARK GREEN MAFIC VOLCANICS Moderate to strongly magnetic; minor white quartz and quartz carbonate hairline fractures at 45° and 50° to CA. ; minor garnet epidote veinlets < 1cm. wide, 30° to CA.; minor granite stringers scattered throughout. 3.5-14.9 - Strongly fractured core. 14.9-16 - Granitic dyke with trace pyrite. 29.3 - 5cm. granite dyke. Contact at 30° to CA. 35.8-39.4 - 3.6' pink granite dyke with < 1% disseminated pyrite. 6mm. smokey quartz vein cuts length of dyke parallel to CA. < 1% pyrite blebs in vein. 39.4-42.8 - Strongly fractured core. 41.0 - 5" granite dyke with 30% mafic volcanic xenoliths - angular to subangular.										

LANGRIDGES TORONTO - 366-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-43 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
42.8	92.5	MEDIUM GRAINED, PINK GRANITE (PART OF STOCK)									
		Weakly magnetic; non-foliated.	40369	<1	87.3	92.3	5'	.001			
		-10% mafic minerals- biotite and amphibole; av. 2mm. occasional lath up to 6 mm.	40370	<1	92.3	97.3	5'	.006			
		-20% anhedral quartz ; av. 1mm.	40371	<1	97.3	102.3	5'	NIL			
		-70% subhedral k-spar and plagioclase; av. 2mm. minor mafic volcanic xenoliths ranging from 5mm. to 20 cm. Strongly magnetic. Some of xenoliths are epidotized and chloritized. Minor pyrite.									
		78.5-80.5 - 2' core fractured at 3° to CA.									
		87.3-91.0 - Fine grained, mafic volcanic moderately chloritized and epidotized; 1% disseminated fine grained pyrite. Minor pyritized- chloritized hairline fractures. Minor granite dykelets. Strongly magnetic.									
92.5	99.3	FINE GRAINED MAFIC VOLCANICS									
		Moderate to strongly chloritized and epidotized in places. Minor garnet- epidote veinlets. minor calcite fractures - 70° and 90° to CA. Trace to 1% pyrite blebs. Strongly magnetic.									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. 87-G-43 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
99.3	111.9	MEDIUM GRAINED PINK GRANITE Same as 42.8-92.5. 30% mafic volcanic xenoliths which are epidotized and chloritized. 1% finely disseminated pyrite and blebs in xenoliths. moderately magnetic. 99.3- Upper contact with volcanics is fractured. 3" of 10% medium to coarse grained pyrite at contact margin.									
111.9	117.2	FINE GRAINED, DARK GREEN MAFIC VOLCANICS Strongly magnetic. Weak to moderately foliated at 65° to CA. Minor calcite-filled fractures at 65° to CA. 1% disseminated pyrite in blebs and fine grained crystals. 115.0-116.2 - 12" of fractured core with medium and coarse grained subhedral to euhedral pyrite crystals along fracture planes. Fractures 15° and 30° to CA.									
117.2	125.0	MEDIUM GRAINED PINK GRANITE 15% mafic minerals. Trace sulphides. Minor mafic volcanic xenoliths. 119.0-120.7 - Mafic volcanics. Core fractured in									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-43 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
		several places at 15° to CA. Coarse-grained pyrite crystals along fracture plane.									
125.0	130.0	FINE GRAINED DARK GREEN MAFIC VOLCANICS Minor calcite filled hairline fractures 55° to CA. and 35° to CA. Several 1cm. wide granite dykelets. 1% disseminated pyrite. 125.0 - 1 cm. garnet veinlet with pyrite halo.									
130.0	156.0	MEDIUM GRAINED, PINK GRANITE 10% mafic minerals. Trace sulphides. Rare mafic volcanic xenoliths. Mafic minerals very weakly foliated at 65° to CA. 149.4 - 1cm. wide quartz vein. 15° to CA. Barren. Trace pyrite along contact selvage. 151.7 - 1cm. quartz vein. 17° to CA. Vein barren. Fine-grained pyrite in granite in area contacting vein. 152.4 - Fracture 15° to CA.; 5% 1mm. euhedral pyrite along fracture plane									
156.0	EOH										

LANGRIDGES – TORONTO – 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 87-G-43 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	
		RQD										
3.0	13	6										
13	23	42										
23	33	28										
33	43	10										
43	53	84										
53	63	55										
63	73	45										
73	83	39										
83	93	66										
93	103	56										
103	113	48										
113	123	44										
123	133	40										
133	143	73										
143	153	79										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-87-G-45 LENGTH 96 Feet
LOCATION
LATITUDE 0+45S DEPARTURE 6+00E
ELEVATION AZIMUTH Grid N55° DIP -45°
STARTED Feb 2/87 FINISHED Feb 3/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
96	45°				

HOLE NO. 87-G-45 SHEET NO. 1
REMARKS

LOGGED BY T TENNENT

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	8.0	Casing									
8	8.5	MEDIUM GRAINED , PINK GRANITE 7% mafic minerals - biotite and amphibole weakly magnetic. Non-foliated.	48533		19.7	24.7	5	T			
			48534		24.7	30	5.3	NIL			
8.5	19.7	MIXED "DIABASIC TEXTURED" MAFIC VOLCANICS AND FINE GRAINED, DARK GREEN MAFIC VOLCANICS Alternating bands of "diabasic textured" mafic volcanics and fine grained mafic volcanics. Bands range from 3" to 1 feet in length. Contacts between units moderately sharp at 50° to CA. "Diabasic Textured" Volcanics: Fine to medium grained. Moderately magnetic. 20% randomly oriented .5 to 1mm. feldspar phenocrysts 20% amphibole phenocrysts; 1mm. to 2mm; weakly foliated at 30° to CA. 59% very fine grained dark green mafic matrix 1% fine grained disseminated pyrite										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 87-G-45 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
		Dark green mafic volcanics : Very fine grained matrix with 20% anhedral to subhedral mafic phenocrysts ranging from 1mm to 2mm. moderately foliated at 45° to CA. 3% randonly oriented 1mm. feldspar phenocrysts. 1% fine grained disseminated pyrite. Moderate to strongly magnetic.									
		Minor calcareous hairline fracture (3 per ft.) are found in both units at 55° to CA. Some of the fractures are pyritized along the selvages.									
		8.4-15 - Lost and broken core. 5' lost 2' of core									
19.7	30	PURPLE HUED MAFIC INTRUSIVE (LAMPROPHYRE) Very fine grained purplish matrix with 3% subrounded, 1mm mafic phenocrysts. 1% randomly to weakly foliated (55° to CA.) anhedral, ≃1mm feldspar phenocrysts. 3% fine grained disseminated pyrite. Pervasively carbonatized. Weakly magnetic. Minor calcareous hairline fractures (2 per ft.) at 50° and 10° to CA. Minor quartz veining present.									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. 87-G-45 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
		Minor quartz veining present. (10 veins over entire unit). Veins 2mm to 5mm in width at 50° to CA. Weak brown pyritized haloes extend 2 mm to 5 mm on either side of the veins.	48535		44.8	45.8	1.0	.015			
			48536		47	48.7	1.7	.007			
			48537		50	55	5	.002			
		19.7- Sharp upper contact of unit at 25° to CA.									
		21.8-25.2 - Moderately broken core.	48538		55	60	5	T			
		27.7-30 - Lamprophyre is greyish in apperance. 1% disseminated sulphides.	48539		60	65	5	.001			
		30.0' Sharp lower contact at 50° to CA.	48540		91	96	5	T			
30	96	"DIABASIC TEXTURED" MAFIC VOLCANICS									
		Fine to medium grained. Moderately to strongly magnetic.									
		5-20% anhedral feldspar phenocrysts; .5 to 1mm, non-foliated to weakly foliated at 50° to CA.									
		15% subhedral amphibole phenocrysts; 1mm to 2mm; moderately foliated at 50° to CA.									
		1% disseminated and bleb pyrite									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 87-G-45 SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ TON
		Two sets of calcareous hairline fractures(12 per Ft) intersecting at 50° to CA. and 25° to CA. Some of the fractures are pyritized and/or epidotized Several 3" to 4" moderately epidotized bands present. Minor quartz veining. Veins 5mm to 2 cm in width at 50° to CA.. Weak to moderate brown pyritized haloes. 45.2 - 2cm quartz vein. 50° to CA. 1cm brown pyritized halo around vein. 47.4 - 2" very broken core. 48.3 - 5mm quartz vein 50° to CA. 1cm brown pyritized halo. 50-53 - Zone of pyritized-calcareous hairline fractures(>30 fractures per ft.) intersecting at 60° and 75° to CA. Fine grained to medium grained anhedral to euhedral pyrite lines many of the fractures. Bleb pyrite present. Total 3% sulphide.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 87-G-45 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	
		53.2 - 2" quartz vein at 60° to CA. Vein has trace sulphides except for 1" patch of sutured pyrite. Minor epidote patches. 3/4" epidote pyrite vein selvage.										
		53.2-56 - Zone of 3% to 5% pyrite. Fine to medium grained pyrite is distributed in patches and as well- foliated stringers at 30° to CA. Minor patches of quartz epidote.										
		60.3 - 1cm quartz vein at 60° to CA. Vein barren with weak pyritized halo.										
		91.2 - 9" epidote- quartz vein parallel to CA. 1% disseminated pyrite.										
96	EOH											

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON
HOLE NO. SS-87-G-46 LENGTH 171 Feet
LOCATION
LATITUDE 0+15N DEPARTURE 6+00E
ELEVATION AZIMUTH 55° GRID N DIP -45°
STARTED FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
171	43°				

HOLE NO. G-46 SHEET NO. 1
REMARKS

LOGGED BY R. CLARK

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	14	Casing	48584		16	21	5'	.002			
14	133	Medium grained amphibolite - strongly magnetic - local concentrations of up to 60% magnetite - occasional epidote stringer, occasional hairline to 1/8" quartz stringer at various angles to CA. with brownish pyritized alteration haloes.	48585		21	26	5'	.003			
			48586		26	31	5'	.001			
			48587		31	36	5'	.002			
			48588		36	41	5'	.001			
			48589		41	46	5'	.001			
			48590		46	51	5'	<.001			
		51-66 - Numerous 1/8" to ¼" white quartz stringers with brownish pyritized alteration haloes- locaLy so intense that core has a brecciated appearance - 2-5% sulphides throughout- occasional bleb of hematite.	48591		51	53	2'	.002			
			48592		53	56	3'	.011			
			48593		56	59	3'	.007			
			48594		59	61	2'	.001			
			48595		61	64	3'	.001			
			48596		64	66	2'	<.001			
		75-83 - Core moderately sheared and foliated at 30° to CA.	48597		123	125	2'	<.001			
		At 124.2 - a 1.5" quartz vein at 25° with narrow brownish pyritized alteration halo - 5-6% sulphides in vein.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-46 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
133	EOH	Alternating bands of very fine grained massive tuff? and crystal tuff - knife sharp contacts between the two units - they alternate every 2-3 ft. - Unit has an overall reddish tinge. Trace sulphide throughout- silicified, contacts at 85° to CA.	48598		133	138	5'	.001			
			48599		138	143	5'	<.001			
			48600		143	148	5'	.001			
			48601		148	153	5'	<.001			
			48602		153	158	5'	<.001			
			48603		158	163	5'	<.001			
			48604		163	168	5'	.010			
			48605		168	171	3'	.002			
		165-166.4 - Feldspar porphyry at 45° to CA.									
		EOH at 171 Feet.									
		Core stored on site.									

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.
HOLE NO. SS-87-G-47 LENGTH 196
LOCATION Murphy Garrison L 2+00W 7+25 N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH Grid N DIP -45
STARTED Feb 3/87 FINISHED Feb 4/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
196	-44°				

HOLE NO. 87-47 SHEET NO. 1
REMARKS _____

LOGGED BY R. Cinits.

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	14	Casing	40372	2	14	17.5	3.5	.003			
14	196	Granite (Garrison stock) ; pink to red with many subhedral to euhedral black mafic phenocrysts up to 3mm long; a few volcanic xenoliths up to 2" throughout.	40373	2	17.5	20	2.5	.002			
		14-28 - Moderate to intense red potassic alteration several smokey quartz veins 1/8"-2" wide at 25° to CA; 1-3% fine disseminated pyrite throughout.	40374	1	20	25	5	T			
		17.5-20 - Several very irregular smokey quartz veins with black anhedral blebs throughout	40375	2	25	28.8	3.8	.001			
		At 27.5 quartz vein 1" wide at 30° potassic altered halo; 1-3% fine disseminated pyrite and smokey black mineral.	40376	2	36.7	39.2	2.5	.006			
		At 37.5 - As above	40377	2	39.2	41.7	2.5	.003			
		39.2-41.7 - Several quartz veins as above; intensely potassic altered wall rock									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-47 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	ASSAYS OZ TON
		49.7-55.7 -Several irregular quartz veins as above; at 20° to CA. to subparallel to CA.; 1-3% fine disseminated pyrite; intensely potassic altered wall rock.	40378	2	49.7	52.7	3	.001			
			40379	2	52.7	55.7	3	.005			
		At 91.5 - Quartz vein 1/8" wide at 10°; smokey color; 5% anhedral blebs pyrite.									
		114-142.6 - Moderate potassic alteration; 1% fine disseminated pyrite; several quartz veinlets 1/8"-¼" wide at 10-30° to CA.	40380	2	91.5	92.7	1.2	NIL			
		At 148.5 - Smokey quartz vein 1" wide at 25° to CA.; <1% fine disseminated pyrite; 3% grey metallic mineral.	40381	<1	114	117	3	NIL			
			40382	<1	117	120	3	NIL			
			40383	<1	120	123	3	NIL			
			40384	<1	123	126	3	.002			
		152-156 - Several smokey quartz veins as above at 25-50° to CA; intensely potassic altered wall rock with 1% fine disseminated pyrite.	40385	<1	126	129	3	NIL			
			40386	<1	129	132	3	NIL			
			40387	<1	132	135	3	NIL			
			40388	<1	135	138	3	.001			
			40389	<1	138	141.6	3.6	NIL			
			40390	<1	148.1	149.6	1.5	.003			
			40391	<1	149.6	152	2.4	NIL			
			40392	1	152	154	2	.002			
			40393	1	154	156	2	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-47 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
		At 157.7 - White quartz vein 4" wide at 15° to CA.; 1% fine disseminated and anhedral blebs pyrite; intensely potassic altered wall rock.	40394	<1	156	157.5	1.5	NIL			
			40395	1	157.5	159.5	2	NIL			
		167-184.5 - Several white quartz vein 1/8" to 3/4" wide at 10-20° to CA.; 1-3% fine to medium sized pyrite blebs; minor black metallic mineral in veins; moderate potassic alteration throughout wall rock.	40396	1	167	170	3	NIL			
			40397	1	170	173	3	NIL			
			40398	1	173	176	3	NIL			
			40399	1	176	179	3	NIL			
			40400	1	179	182	3				
			40401	1	182	184.5	2.5				
		182-184.5 - Intense potassic alteration									
		At 194 - White quartz vein 1/4" wide at 20° to CA.; 1% fine pyrite to medium pyrite.									
196	EOH										

LANGRIDGES -- TORONTO -- 366-1168

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-48 LENGTH ~~356 Feet~~

LOCATION

LATITUDE 11+00S DEPARTURE 2+00W

ELEVATION AZIMUTH 55° Grid N DIP -45°

STARTED Feb 6/87 FINISHED Feb 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
356	-41°				

HOLE NO. G-48 SHEET NO. 1

REMARKS To test IP. conductor

LOGGED BY R. CLARK

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	12	Casing
12	136	Moderately sheared fine grained mafic volcanics- non-magnetic - locally well foliated at 40° to CA. occasional 3/4 to ½" mottled light grey band gradational on one margin- knife sharp on second margin- possible pillow selvage? - occasional band and bleb of epidote about red garnet veinlet. 28-48 - Occasional bleb of pyrrhotite stretched parallel foliation - local concentrations of up to 6% pyrrhotite. 48-93 - 1-2% disseminated pyrrhotite and pyrite as above and occasional carbonate stringer at various angles to CA. with trace sulphide. 105.5-106.5 - Brecciated zone - flushed with

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
48541		28	33	5'	<.001			
48542		33	38	5'	.001			
48543		38	43	5'	.002			
48544		43	48	5'	.005			
48545		48	53	5'	.001			
48546		53	58	5'	.001			
48547		58	63	5'	.005			
48548		63	68	5'	.002			
48549		68	73	5'	.002			
48550		73	78	5'	<.001			
48551		78	83	5'	<.001			
48552		83	88	5'	<.001			
48553		88	93	5'	<.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. 87-G-48 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	ASSAYS OZ/TON
		carbonate - 1-2mm volcanic fragments set in white carbonate matrix - trace sulphide.	48554		104	106	2'	<.001			
			48555		106	108	2'	.003			
		108-123 - Disseminated Po and Pyrite - 1-2% as 48-93	48556		108	113	5'	<.001			
			48557		113	118	5'	<.001			
		123-131 - Carbonate breccia zone - similar to 105.5 -106.5 - 6-8% fine to coarse euhedral pyrite- core badly broken - possibly the IP- anomaly	48558		118	123	5'	<.001			
			48559		123	128	5'	<.001			
		At 136 - Numerous vuggy carbonate stringers at various angles to CA. - 7-8% PY and PO on margins of stringers.	48560		128	131	3'	.001			
			48561		131	136	5'	.005			
			48562		136	141	5'	<.001			
			48563		141	146	5'	<.001			
136	186	Massive fine grained mafic volcanics - moderately magnetic dark green to grey - occasional epidote filled fracture and carbonate stringer.	48564		146	151	5'	<.001			
			48565		186	191	5'	.001			
186	236	Moderately sheared fine grained mafic volcanics - foliated at 55° to CA. - bands of epidote parallel foliation separated by islands of unaltered basalt- 3-4% blebs of Po and Py stretched parallel foliation	48566		191	196	5'	<.001			
			48567		196	201	5'	.001			
		198-201 - Crystal tuff - 1-2 mm euhedral feldspar crystals set in a green matrix									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-48 SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
236	EOH	Massive fine grained volcanics as 136-186 238.4-240 - 2 parallel 1/8" quartz stringers at 25° to CA. - both have narrow brownish pyritized alteration haloes very similar to 5and6 zone veins . 278-288 - Several 1/8" smokey white quartz stringers with 2-3% sulphides on margins-veins at 45° to CA. 316-323 - As above. 336-346 - As above. EOH at 356' Core stored on site.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ TON	OZ TON
48568		201	206	5'	.001			
48569		206	211	5'	.002			
48570		211	216	5'	.001			
48571		216	221	5'	<.001			
48572		221	226	5'	<.001			
48573		226	231	5'	.005			
48574		231	236	5'	.003			
48575		236	238.4	2.4'	.001			
48576		238.4	240	1.6	.033			
48577		240	245	5'	.001			
48579		283	288	5'	<.001			
48580		316	319.5	3.5'	.002			
48581		319.5	323	3.5'	.016			
48582		336	341	5'	.004			
48583		341	346	5'	.002			

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC.

HOLE NO. SS-87-G-49 LENGTH

LOCATION Murphy Garrison L 2+00E 9+90N

LATITUDE DEPARTURE

ELEVATION AZIMUTH Grid N(55°) DIP -45°

STARTED Feb 4/87 FINISHED Feb 6/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
106	-44°				

HOLE NO. 87-49 SHEET NO. 1

REMARKS

LOGGED BY R. CINITS.

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	8	Casing									
8	21	Granite (Garrison Stock); light pink with black mafic phenocrysts <1mm-2mm; white subhedral feldspars throughout.	40402	2	21	24	3	.004			
			40403	2	24	27	3	.007			
			40404	2	27	30	3	.013			
			40405	2	30	33	3	.013			
21	71	Altered granite ; intense red potassic alteration with many white subhedral feldspar phenocrysts; 1% mafic minerals; 1-5% fine disseminated blebs of pyrite; several white quartz veinlets at various orientations to CA. (25-50° to CA).	40406	2	33	36	3	.038			
			40407	2	36	39	3	.021			
			40408	2	39	42	3	.01			
			40409	2	42	45	3	.005			
			40410	2	45	48	3	.012			
			40411	2	48	51	3	.010			
			40412	2	51	54	3	.011			
			40413	2	54	57	3	.005			
			40414	2	57	60	3	.006			
			40415	2	60	63	3	.004			
		8-45 - Areas of very blocky and broken core.									
		24-33 - Heavily porphyritic with feldspar phenocrysts.									
		At 67.5 - White quartz vein 1½" wide at 30° to CA.; intense kimberlite - altered halo; 1% anhedral blebs pyrite in vein									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-42 SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS oz/ton	ASSAYS %	ASSAYS oz/ton	ASSAYS oz/ton
		At 75.2 - White quartz vein 1" wide as above.	40416	2	63	66	3	.004			
			40417	2	66	69	3	.001			
			40418	2	69	72	3	.004			
			40419	2	72	75	3	.004			
			40420	2	75	76	1	.017			
		At 80.7 - Smokey quartz vein ½" wide subparallel to CA; unaltered wall rock; 2% anhedral blebs pyrite.	40421	1	81	83.5	2.5	.003			
		At 108 - White quartz vein ½" wide at 20° to CA.; 2% anhedral blebs pyrite; wall rock unaltered.	40422	1	107.5	108.5	1	<.001			
123	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY: SILVERSIDE RESOURCES INC.
HOLE NO. SS-87 G-50 LENGTH 336
LOCATION Murphy Garrison L 6+00W 110S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH _____ DIP Vertical
STARTED Feb 7/87 FINISHED Feb 8/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-50 SHEET NO. 1
REMARKS _____
LOGGED BY R. CINITS

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	9	Casing									
9	77	Mafic volcanics ; dark green, fine grained ; minor areas of garnet - epidote alteration ; moderately magnetic.									
		13.7-15.7 - Intense garnet- epidote alteration; moderately carbonatized and chloritized 1% fine disseminated pyrite.	40423	1	13.7	15.7	2	.001			
		29.6-30.5 - Feldspar porphyry ; contact 30° to CA.									
		58.2-59 - Intense garnet- epidote alteration; 2% fine disseminated pyrite.	40424	1	58	60	2	<.001			
			40425	1	60	62	2	.001			
		62-66 - Many quartz -carbonate veinlets up to 1/8" wide at 50° to CA.; brown pyritized haloes; 3% fine disseminated to anhedral blebs pyrite.	40426	3	62	64	2	.044			
			40427	3	64	66	2	.025			
		66-68 - Moderate epidote alteration; several irregular smokey quartz veinlets with 1%	40428	1	66	68	2	.016			
			40429	1	68	71.5	3.5	.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-50 SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ TON	OZ TON
		anhedral pyrite blebs.	40430	1	71.5	75	3.5	.001			
			40431	1	75	77	2	.005			
		68-75 - Minor garnet epidote alteration.									
		75-77 - Intense tan-brown alteration; several carbonate fractures throughout; 1% fine disseminated pyrite.									
77	85.5	Feldspar porphyry; upper contact 40°.									
85.5	92.7	Mafic volcanics as before.									
92.7	120	Silicified Volcanics: Many quartz -carbonate fractures and veinlets at many orientations to CA.; many have light brown pyritized haloes; 1-3% fine disseminated pyrite throughout.	40432	1	92.7	96	3.3	.019			
			40433	1	96	98	2	.004			
			40434	3	98	99.5	1.5	.031			
		104.5-106 - Quartz -carbonate breccia zone; mottled texture with brown pyritized fragments in a quartz-carbonate-chlorite matrix; oriented at 40° to CA.	40435	3	99.5	101	1.5	.009			
			40436	1	101	104.5	3.5	<.001			
			40437	3	104.5	106	1.5	.010			
			40438	1	106	109	3	.008			
		110 - Lightly sheared at 35° to CA.; 1-3% fine disseminated pyrite oriented along sheared planes.	40439	1	109	112	3	<.001			
			40440	2	112	115	3	.002			
			40441	2	115	118	3	.005			
			40442	2	118	121	3	.003			
120	122.8	Variolitic Mafic Volcanics; lightly sheared at 35-40° to CA.; a few quartz -carbonate fractures at various orientations; 1% fine disseminated pyrite.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-50 SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
122.8	123.3	Feldspar porphyry; contact at 38°.
123.8	141	Fine grained mafic volcanics; moderate garnet epidote alteration; several quartz and carbonate fractures at various orientations; 1% fine disseminated pyrite throughout.
141	151	Fine grained mafic volcanics.
151	156	Feldspar porphyry; contact 30°.
156	161	Fine grained mafic volcanics; 1% fine disseminated pyrite.
161	197	Alteration Zone Sheared variolitic mafic volcanics; sheared at 30° to CA.; intensely silicified and carbonatized; purple-green color; many carbonate rich stringers at various orientations (some parallel to shearing); 1% fine disseminated pyrite most as haloes around small quartz -carbonate veinlets. 183.5-192 - Kimberlite (fault); dark green soft matrix with many angular fragments of various compositions (some very sulphide rich); contact at 30°; parts very crumbly and broken - fault gouge.

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS oz/ton	ASSAYS %	ASSAYS oz/ton	ASSAYS oz/ton
40403	1	121	126	5	.003			
40444	1	126	131	5	.003			
40445	1	131	136	5	<.001			
40446	1	136	141	5	.004			
40447	1	156	161	5	.002			
40448	1	161	163	2	.005			
40449	1	163	165	2	.005			
40450	1	165	167	2	.005			
40451	1	167	169	2	.005			
40452	1	169	171	2	T			
40453	1	171	173	2	T			
40454	1	173	175	2	T			
40455	1	175	177	2	T			
40456	1	177	179	2	T			
40457	1	179	181	2	T			
40458	1	181	183.5	2.5	T			
40459	1	183.5	186	2.5	T			
40460	1	186	188	2	T			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-50 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
		192-194 - 10% fine disseminated pyrite ; intensely sheared at 30° to CA.	40461	1	188	190	2	.02			
			40462	1	190	192	2	T			
			40463	10	192	194	2	.02			
			40464	1	194	196	2	T			
197	246	Lightly Altered Volcanics; several epidote and carbonate fractures at various orientations to CA.; minor to moderate epidote alteration; up to 1% fine disseminated pyrite.	40465	1	196	198	2	T			
			40466	<1	198	203	5	.002			
			40467	<1	203	207.5	4.5	.002			
		At 207.5 - White quartz vein 1" wide at 35° to CA.; intense garnet-epidote halo; 1% anhedral blebs pyrite.	40468	<1	207.5	208.5	1	.003			
			40469	<1	208.5	213	4.5	.001			
			40470	<1	213	218	5	.002			
			40471	<1	218	223	5	<.001			
			40472	<1	223	228	5	<.001			
246	250	Intense garnet-epidote altered; heavily silicified and carbonatized; mottled appearance; 1-3% fine disseminated pyrite; 3% anhedral blebs hematite.	40473	<1	228	233	5	.001			
			40474	<1	233	238	5	.001			
			40475	<1	238	243	5	<.001			
			40476	<1	243	246	3	.002			
252	258	Intense epidote altered variolitic volcanics; sheared at 25° to CA.; 1-3% blebs of disseminated pyrite elongated in direction of shearing minor chlorite speckled throughout.	40477	3	246	248	2	.037			
			40478	3	248	250	2	.007			
			40479	1	250	252	2	.002			
			40480	2	252	255	3	<.001			
258	282	Fine grained mafic volcanics; a few quartz -carbonate fractures and veinlets at several orientations with red brown pyritized haloes.	40481	2	255	258	3	<.001			
		272-273.5 - Many veinlets as above at 65-80° to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-37-G-50 SHEET NO. 5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
282	295	Feldspar porphyry; contact 50°; 286-288 - Bright red potassic alteration; several quartz veinlets at 70° to CA.
295	336.5	Fine grained mafic volcanics; several quartz - carbonate veinlets at 15-20° to CA; veinlets "vuggy" with brown pyritized haloes; 1-5% fine disseminated pyrite; extremely fractured and broken core. 316-317.5 - Feldspar porphyry. 326-336.5 - Increased intensity of veinlets. 334.5-336.5 - Many heavily pyritized brown volcanic fragments set in a quartz - carbonate matrix; 5% pyrite disseminated throughout.
336.5	343	Mafic Intrusive (Lamprophyre) ; purple green with green and black phenocrysts dotted throughout; pervasively carbonatized; trace sulphides; contact 25° to CA.
343	345	Altered mafic volcanics; many quartz carbonate fractures with red potassic alteration throughout; moderate epidote throughout; 3% fine disseminated

SAMPLE NO.	SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS		OZ TON	OZ TON
40482	<1	258	263	5	.001			
40483	<1	263	268	5	<.001			
40484	<1	268	272	4	<.001			
40485	3	272	273.5	1.5	.001			
40486	1	273.5	278	4.5	<.001			
40487	1	278	282	4	<.001			
40488	<1	282	287	5	<.001			
40489	<1	287	292	5	<.001			
40490	<1	292	295	3	<.001			
40491	2	295	300	5	<.001			
40492	5	300	304	4	<.001			
40493	1	304	309	5	<.001			
40494	3	309	312	3	<.001			
40495	2	312	317	5	<.001			
40496	2	317	322	5	<.001			
40497	2	322	325	3	<.001			
40498	2	325	328	3	<.001			
40499	2	328	331	3	<.001			
40500	2	331	334.5	3.5	<.001			
40501	5	334.5	336.5	2	<.001			
40502	<1	336.5	339	2.5	<.001			
40503	<1	339	343	4	<.001			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-50 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
		pyrite along fractures and veinlet margins.	40504	5	343	345	2	<.001			
			40505	<1	345	350	5	<.001			
345	386	Fine grained mafic volcanics; minor epidote throughout; < 1% fine disseminated pyrite.									
		357-358 - Feldspar porphyry.									
		371-373 - 2% fine disseminated pyrite.									
		382-382.7 - Pink quartz - porphyry dyke at 26°.	40506	2	371	373	2	<.001			
386	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY SILVERSIDE RESOURCES INC

HOLE NO. SS-87-G-51 LENGTH 296

LOCATION Murphy Garrison L 3+68W 2+95N

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP Vertical

STARTED ~~Feb 9/87~~ FINISHED ~~Feb 10/87~~

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-51 SHEET NO. 1

REMARKS _____

LOGGED BY R. CINITS.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	6	Overburden.	48351	1	23	24.5	1.5	.002			
6	205	Mafic Volcanics : Fine grained; dark green ; lightly to moderately magnetic; lightly fractured; several very irregular genetic stringers at various orientations; minor carbonate fractures at 65°.	48352	1	31	33	2	.001			
			48353	1	33	35	2	.001			
			48354	1	35	37	2	.005			
		At 23 - Quartz - carbonate fracture subparallel to CA.; 5% euhedral pyrite cubes.	48355	2	37	38.3	1.3	.021			
			48356	1	38.3	41	2.7	.002			
		31-39 - Several carbonate fractures at various orientations; a few quartz -carbonate veinlets at 10°-20° to CA.; brown pyritized halo; 10% fine disseminated pyrite.									
		68.5-72.5 - Several quartz - carbonate fractures at 55° to CA. with minor brown pyritized haloes.	48357	1	68.5	70.5	2	.005			
			48358	1	70.5	72.5	2	<.001			
		72.5-81 - Several carbonate fractures at 60°-70° ; trace to nil sulphides.									

DIAMOND DRILL RECORD

NAME OF PROPERTY

HOLE NO. SS-87-G-51 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
		At 83.1 - Feldspar porphyry at 30° to CA.; minor epidote alteration in the wall rock									
		At 84 - White quartz vein 2" wide at 40° to CA.; brown pyritized halo; many altered wall rock fragments in vein; 3% fine disseminated pyrite.	48359		81.8	83.8	2	<.001			
		84-118 - Several carbonate fractures at various orientations; < 1% pyrite.	48360		83.8	84.8	1	.004			
			48361		84.8	87.5	2.7	<.001			
			48362		87.5	88.5	1	0.022			
		87.5-88.5 - Many quartz- carbonate veinlets up to 1/8" wide at 70° to CA.; intense brown pyritized haloes; 10% pyrite; several stringers of feldspar porphyry throughout.	48363		88.5	90.5	2	.005			
			48364		90.5	96.2	5.7	<.001			
			48365		96.2	97.6	1.4	.002			
		90-90.5 - Quartz porphyry at 90°.									
		96.2-97.6 - Several quartz-feldspar porphyry stringers and dykes; 1% fine disseminated pyrite; cut by a few quartz veinlets at 70° to CA. with minor brown pyritized haloes.									
		At 108.2 - Quartz feldspar porphyry dyke 5" wide at 45°; < 1% fine disseminated pyrite.									
		109-109.6 - A few quartz veinlets 1/8" wide at 70°;									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-51 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
		minor brown pyritized haloes.	48366	1	108.2	109.8	1.6	.006			
		At 126.5 - Quartz -carbonate vein 3/8" wide at 20°; mottled appearance; 2% fine pyrite throughout and in wall rock.	48367	2	126	127	1	.003			
		127-140 - Several quartz- carbonate fractures with minor brown pyritized haloes; veinlets at 35°-55° to CA.; moderate epidote alteration throughout.	48368	1	127	132	5	.002			
			48369	1	132	136	4	.009			
			48370	1	136	140	4	<.001			
		165-205 - Increased amount of granitic stringers; very irregular shapes and orientations; several carbonate fractures at ≈60°; minor to moderate epidote alteration; up to 1% sulphides in places.	48371	1	176.8	177.8	1	.008			
			48372	1	181	184.7	3.7	<.001			
			48373	1	188.8	191.5	2.7	.023			
		At 201 - Band of intense brown pyritized alteration with minute quartz stringers at 55° to CA.	48374	1	201	203	2	.005			
		At 202 - White quartz vein 2" wide at 25° to CA.; 1% fine to medium anhedral blebs pyrite.	48375	<1	203	205	2	.003			
			48376	<1	205	207.7	2.7	.002			
205	275	Granite (Garrison Stock); pink with many black phenocrysts; several smokey- white quartz veins at various orientations to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-51 SHEET NO. 4

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPH. IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ. TON
		At 204.8 - Quartz vein 1" wide at 50° to CA.; < 1% fine pyrite.	48377	1	219	220	1	.033			
		219-220 - Several irregular smokey white quartz veins up to ¼" wide; moderate red potassic - altered haloes; 1% pyrite.	48378	1	224	227	3	.019			
		At 226 - White quartz vein 2" wide at 42°.	48379	1	227	232	5	.020			
		227-275 - Many quartz fractures and veinlets at 35° to CA.; < 1% fine disseminated pyrite; red potassic altered haloes around veinlets.	48380	1	232	234	2	.005			
			48381	5	234	236	2	.040			
			48382	1	236	240.5	4.5	.004			
			48383	10	240.5	242.5	2	.038			
			48384	3	242.5	244.5	2	.011			
		234-236 - Granite inter fingered with mafic volcanics; 5% fine disseminated pyrite throughout.	48385	2	244.5	247	2.5	.002			
			48386	1	247	249	2	.004			
		240.5-244.5 - Heavily altered granite; a few small sections of mafic volcanics (up to 4") 10% fine disseminated pyrite throughout; intense potassic alteration	48387	3	249	250.2	1.2	.013			
			48388	2	250.2	252.1	1.9	.009			
			48389	5	252.1	253.5	1.4	0.171			
			48390	2	253.5	256	2.5	0.016			
			48391	1	256	261	5	0.008			
		249-250.2 - Heavily altered mafic volcanics; light green sericite? and red potassic alteration mottled together; 3% fine disseminated pyrite.	48392	1	261	266	5	0.005			
			48393	1	266	271	5	0.003			

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-51 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
		At 252.1 - Smokey -white quartz vein ½"-1" wide at 20°; 10% fine disseminated pyrite along lower margin; several pyritized volcanic fragments in vein.	48394	1	271	276	5	.004			
			48395	<1	276	278	2	.001			
			48396	<1	278	279	1	.004			
			48397	<1	279	284	5	.005			
275	290.5	Mafic volcanics; many very irregular stringers of granite (unaltered); a few quartz fractures up to 1/8" wide at 85° ; <1% fine disseminated pyrite. At 278.4 - White quartz vein 2" wide at 25° ; <1% pyrite.									
290.5	296	Granite; (Garrison Stock) unaltered.									
296	EOH										

DIAMOND DRILL RECORD

NAME OF PROPERTY MURPHY GARRISON

HOLE NO. SS-87-G-53 LENGTH 226

LOCATION

LATITUDE 5+60 S DEPARTURE 5+00W

ELEVATION AZIMUTH DIP -75°

STARTED Feb 10/87 FINISHED Feb 12/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-53 SHEET NO. 1

REMARKS Aborted Hole

LOGGED BY R. Clark.

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	1	Casing									
1	80	Diabasic Textured Volcanics - 15-20% amphibole weakly foliated at 35° to CA.- weakly magnetic - occasional hairline to ¼" quartz and carbonate stringer at various angles to CA.	48451		76	81					
			48452		81	83					
			48453		83	85					
80	226	Black fine grained mafic volcanics - weakly magnetic (Basalt)	48454		85	87					
			48455		87	89					
		81-95 - Strongly sheared and silicified zone well foliated at 35° to CA. - pale buff brown in color. 2-3% py in streaks parallel folliation.	48456		89	91					
			48457		91	93					
			48458		93	95					
		95-123 - Core badly broken - Numerous quartz stringers at various angles to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. SS-87-G-53 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
		123-151 - Moderately sheared and silicified zone- locally well foliated at 35° to CA. Much epidote in streaks and bands parallel foliation - ≃1-2% pyrite in streaks and bands parallel foliation.	48459		95	100	5'				
			48460		100	105	5'				
			48461		105	110	5'				
			48462		110	115	5'				
			48463		115	120	5'				
			48464		120	125	5'				
			48465		125	130	5'				
			48466		130	135	5'				
		EOH at 226	48467		135	140	5'				
			48468		140	145	5'				
		Core stored on site.	48469		145	151	6'				

CONSOLIDATED SILVER BUTTE MINES LTD.

REPORT ON 1986 EXPLORATION PROGRAMS,

SWAYZE PROPERTIES, ONTARIO.

J. Bankowski, B.Sc.

Febuary, 1987.

TABLE OF C

020C

ABSTRACT

Eight claim-groups registered to Cons. Silver Butte Mines Ltd. are considered to have potential for the discovery of gold mineralization.

A budget of $25-50,000. is proposed to conduct work on these properties during the 1987 field season. Work is to consist of grid establishment, geological mapping, VLF-EM surveys, trenching, channel-sampling and D-7 bulldozer stripping.

An additional two properties have some potential and adjoin patented claims hosting gold occurrences.

As a result of the summer and fall field programs, two new gold occurrences were discovered on Silver Butte's properties bringing the total number of known occurrences on the companies claims to nine.

INTRODUCTION

This report outlines the activities and results of exploration carried out by J.Bankowski and C.Black during 1986 on claims in the Swayze greenstone belt of Ontario on behalf of Consolidated Silver Butte Mines Ltd. of Vancouver, B.C..

An overview of the claim status is included (Tables 1&2) as well as recommendations for future work and estimated costs.

Field work consisted of two, separate field programs.The Summer Program consisted of property examinations based on VLF and magnetometer anomalies obtained in an 1985 airborn survey and on favourable geology and was conducted from June 9 to July 11, 1986. A Geonics EM-16 VLF unit was used to locate the airborn conductors.

The Fall Program was conducted from October 6 to December 15,1986 and consisted of follow-up work to the earlier progam as well as performance of assessment work on attractive claims. Bulldozer stripping, geological mapping, sampling and a geochemical survey were conducted as well as the mapping of claim outlines in Chester Twp. preparatory to bringing several claims to lease.

Further work is recommended on eight (8) properties in the Swayze Syncline. These properties are priorized in order of importance and are shown on the Location Map (Figure 1, P. 3).

LOCATION

The claim-groups are located roughly mid-way between the cities of Timmins and Sudbury near the town of Gogama, Ontario (Fig. 1). Highway 144 bisects the general area in Chester Twp..

Access is generally good via Hwy. 144 and numerous logging roads. The most notable exception is the claim-group in Groves Twp. which is accessible only by plane in summer and ski-doo in winter.

CLAIM STATUS

Currently, a total of 307 claims are in good standing and are registered to Cons. Silver Butte Mines. A total of 106 claims were not considered to offer much potential and these claims were reverted back to the Optioner, Blue Falcon Mines of Mississauga, Ont..

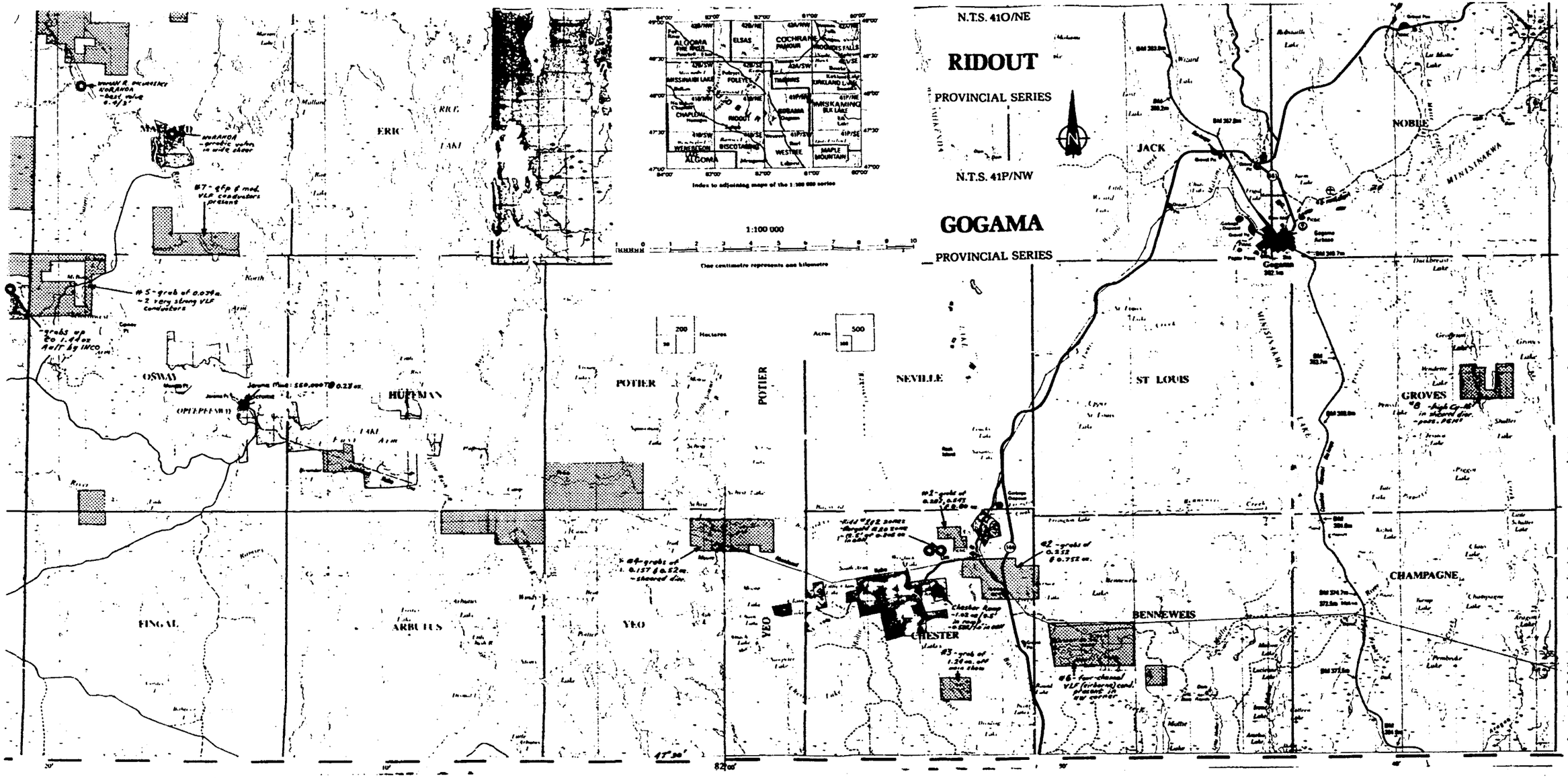


FIGURE 1 - LOCATION MAP
(note - not all Silver Butte
claims are shown)

PLATE 1 - REVERTED CLAIMS (EXPIRED)

DUE DATE	TWP.	CLAIM#	COMMENTS
May 20/86 Ext. to Dec. 31/86	Heenan	723473-475 477-483 485-489	- no interesting geology or anomalies, thick O/B
May 29/86 Ext. to Dec. 31/86	Heenan	764705-707 702 723490-498	- same comments
June 30/86 Ext. to Dec. 31/86	Groves	683963-965 968 683891-894	- unfavourable geology, ie/ no diorite
June 30/86 Ext. to Dec. 31/86	Huffman	683844-859	- unattractive - lack of O/C
June 30/86 Ext. to Dec. 31/86	Osway	683157-160	- I.F., very low Au values - no structure
Dec. 8/86	Mallard	734412-426 460-471 380-394 721072-075	- unfavourable - lack of target areas
Jan. 12/86	Yeo	681631-634	- unattractive - no diorite

Total 106 claims

PLATE 2 - CURRENT CLAIMS (GOOD STANDING)

DUE DATE	TWP.	CLAIM#	COMMENTS
Feb. 29/87	Yeo	742779-782	- need 20 days ea. - no diorite - suggest drop
Mar. 5/87	Chester	757976&977	- geochem survey to be applied
Mar. 5/87	Yeo	722939,940 942&945 725536-540	- need 20 days ea. - no diorite - suggest drop
Mar. 30/87	Huffman	792810-817	- need 20 days ea. - suggest drop
Mar. 31/87 (extension)	Groves	683967 740994	- 683967 needs 60 days, 740994 needs 20 days - VLF-mag survey to be conducted
Apr. 30/87	Mallard	794905,910 911&919	- need 20 days ea. - suggest drop
Aug. 9/87	Mallard	808575-582	- need 20 days ea. - suggest drop
Aug. 9/87	Groves	825544-554	- need 20 days ea. - no diorite - suggest drop
Aug. 9/87	Marion	808572-574	- need 20 days ea. - suggest drop
Aug. 16/87	Chester	819907 809389-392 399-402 420-422 439-442 826592-595	- need 20 days ea. - very favourable geology - suggest VLF, stripping, trenching, channel sampling
Aug. 24/87	Benneweis	819895-901	- strong airborn VLF conductor - suggest follow-up

Con't.

PLATE 2 (CON'T.)

DUE DATE	TWP.	CLAIM#	COMMENTS
Sept. 5/87	Chester	537233	- on extension to lease
Sept. 26/87	Chester	537237 540178	- on extension to lease
Sept. 27/87	Benneweis	622031-047 819891-894	- need 20 days ea. - suggest VLF follow-up
Sept. 27/87	Chester	622048-050	- need 20 days ea. - good potential - suggest further work
Oct. 2/87	Benton	809608-614 616-622 496&497 423-427	- need 20 days ea. - very deep O/B - suggest drop
Nov. 5/87	Chester	831870	- needs 20 days - further work suggested
Nov. 20/87	Fingal	826525-527	- need 20 days ea. - suggest drop
Nov. 20/87	Osway	820347-352	- need 20 days ea. - granitic rocks - suggest drop
Nov.20/87	Yeo	831879	- needs 20 days - should be evaluated
Jan. 12/88	Yeo	681635&636	- need 35.3 days ea. (24.7 days stripping applied for)
Jan. 21/88	Benneweis	834112-115	- need 20 days ea. - diorite with anom. CU-Ni - suggest VLF along with main group

Con't.

PLATE 2 (CON'T)

DUE DATE	TWP.	CLAIM#	COMMENTS
Feb. 29/88	Yeo	742775-778	- need 35.3 days ea. - (24.7 days applied for bulldozer)
Mar. 5/88	Yeo	722941&946	- need 35.3 days ea. as above - evaluation needed for these & above
Mar. 12/88	Osway	837902-904 831888 837424-426	- need 20 days ea. - suggest evaluate with main group
Mar. 12/88	Esther	836920-928	- need 20 days ea. - suggest evaluate
Mar. 18/88	Mallard	837442-457 459-476	- need 20 days ea. - may be of some potential
Mar. 25/88	Osway	836929-935 834130&131 820605	- need 20 days ea. - strong VLF anom. in main block - should be eval.
Mar. 25/88	Mallard	837416-423 431-438	- need 20 days ea. - several mod. VLF conduct. & QFP - suggest evaluation
Apr. 24/88	Potier	622088-097 740901-926	- need 20 days ea. - unattractive, - suggest drop
Apr. 24/88	Osway	740951-958 967-971	- need 20 days ea. - strong airborn VLF - should evaluate
Apr. 24/88	Mallard	740943 946-950	- need 20 days ea. - should evaluate
May 24/88	Arbutus	849620-644	- need 20 days ea. - suggest drop
July 19/88	Osway	866691&692	- need 22.3 days ea. - 77.7 days appl. for bulldozer stripping

SUMMER PROGRAM, 1986

This program commenced in June, 1986 instead of May as had been planned due to extremely dry bush giving a high fire hazard and a ban by the Ministry of Natural Resources on all field work.

Once under way, heavy, persistent rains for the month of June, resulted in some lost time. The crew consisted of two men, J. Bankowski and C. Black, a geologist and prospector respectively.

A program budget of $15,000.00 was provided for what was basically a series of quick field evaluations of the Silver Butte claim-groups. Several properties were not visited due to access problems and budget-time restraints but these properties were previously evaluated by the author from available airborn and geological data and were not considered as attractive exploration bets due to a predominance of unmineralized granitic rocks and/or a lack of airborn geophysical anomalies.

All available data on the 20 separate claim-groups comprised of 413 mining claims was examined prior to the field investigations and target areas selected for examination. Areas with VLF conductors and coincident magnetic lows were considered as prime targets.

A Geonics EM16 was graciously loaned by Murgold Resources and was used to locate the airborn conductors. Known gold mineralization in the general area seems to be associated with magnetically low areas but not with VLF conductors except in Chester Twp.. In general, VLF conductors were found to be related to iron formation with a relatively high graphitic content. A possible exception is a very strong conductor found on the main Osway Twp. group which is much stronger than those found to be associated with the iron formation. Due to overburden, the cause of this conductor was not determined.

A total of 19 rock-chip grab samples were taken from the best mineralization found on the various properties but except for those from Chester Twp., the values were all 0.002 oz. gold/ton or less (Appendix,P.22). Mineralized occurrences in Mallard and Yeo Twp. were found to be sheared iron formation and not gold mineralized shears.

The westernmost claim-groups were examined first with a camp set up in Mallard Twp. The examinations then moved east with a camp near the Jerome Mine in Osway Twp. and another camp in Chester Twp..

All support gear such as a truck, tent, utensils, three-wheeler and canoe were provided by C. Black for a nominal rental charge.

SUMMER PROGRAM (CON'T.)

A description of the properties, from west to east, is as follows:

1 - HEENAN TWP. (Reverted)

This property consisted of 28 mining claims in one group. The only access road to the property was closed for road repairs to replace two bridges which had washed out for the months of June and July and so was not visited.

The author has previously conducted VLF-mag surveys and geological mapping on this group. A strong VLF conductor related to a wide band of graphitic iron formation crosses the property. Old drill-holes on the I.F. gave about 0.8% zinc and 1 oz. silver/ton but negligible precious metals.

A relatively thick mantle of overburden covers the property. What outcrop was found was relatively unmineralized. No indication of the presence of precious metals was present and the claims were reverted back to Blue Falcon Mines, the Optioner.

2 - BENTON TWP.

This property consists of 21 mining claims and this property was not visited due access problems, time constraints and the fact that no interesting geological or geophysical anomalies were defined.

Overburden thickness over most of the property is substantial ranging up to 150 feet.

These claims expire Oct. 2/87 and no further work is recommended at present.

3 - ESTHER TWP.

This group consists of 9 claims and is contigous with the NW Osway group to the east.

Access to these claims was via a 4 mile walk up an old drill-road and a short traverse.

Several moderate VLF conductors were indicated from airborn surveys and were located but their cause was not resolved due to low ground and overburden. Outcrop was fairly abundant in the general area but was relatively unmineralized.

Very strong VLF conductors and an anomalous value of 0.034 oz.

3 - ESTHER TWP. (Con't.)

old/ton were obtained on the Osway claims to the east and a gold occurrence with values up to 1.44 oz. gold/ton exists on patented Inco claims to the south.

These claims have strategic value and have some potential and futher work is recommended especially if the results from future work on the Osway claims is encouraging.

The claims expire on Mar. 12/88.

4 - MARION-MALLARD TWPS.

This group consists of 15 claims and straddles the Marion-Mallard Twp. line.

Due to difficult access and a lack of geological or geophysical anomalies, the property was not visited.

The predominant rock-type is relatively unmineralized granite and no further work is recommended at the present time.

The claims expire on Apr. 30/87 and Aug. 9/87.

X 5 - MALLARD TWP. (partially reverted)

Aside from the claims covered under Marion-Mallard Twps. above, there are also two groups of 34 and 22 claims.

The NW group lies directly north of Noranda patented claims containing a large shear-zone with erratic gold values on the Opeepeesway River and a smaller shear-zone with gold values on the Woman R.. A mineralized zone located near the south boundary of the eastern portion of the group was strpped by hand and sampled but gave low values and is considered to be iron formation.

The east portion of the group was felt to have some potential but the large number of claims made the assessment work necessary very costly (at least 46 clms @ $200 ea. for D-7 stripping = $9,600.00) and these claims were reverted to Blue Falcon.

The west portion of the group expires on Mar. 18/88 and is considered to have some potential and further work could be considered if sufficient funds are available. It should be pointed out however, that the known gold mineralization in the area is quite small and erratic.

The south group consists of 22 claims and was accessed via the Opeepeesway River. A small shear locally mineralized with iron oxide was hand-stripped and sampled but gave low values. This shear appears

5 - MALLARD TWP. (Con't.)

to be related to a small stock of quartz-feldspar porphyry. Several conductors and more porphyry are known on the claims. Further work on this group is recommended.

The claims expire on Mar.25/88 and Apr. 24/88.

6 - OSWAY TWP. (&FINGAL TWP.) (partially reverted)

The properties in Osway Twp. cosist of three groups of 32,4 and 6 claims.

The 4 claim group hosted a large mass of iron formation with very low gold values. The property was not felt to be attractive and has been reverted to Blue Falcon.

The 6 claim group in the southern portion of the township is contiguous with 3 claims in Fingal Twp.. This group is composed predominantly of unmineralized granitic rock . No further work is recommended on this group at the present time. Expiry is on Nov. 20/87.

The large NW group was found to host two, very strong VLF conductors. One of these conductors is about 4 miles long and crosses the center of the group in an east-west direction. It appears to cut several different rock-types and is roughly on strike with a gold occurrence in Esther Twp. to the west. Values up to +85% were obtained on the VLF unit but low ground and overburden leaves the cause of the conductor unresolved. The other conductor is located on the NE portion of the group is also quite strong but is only about $\frac{1}{2}$ mile long. Quartz-feldspar porphyry also was noted on the group and is locally sheared and mineralized with sulphides.

This group is felt to have some good target areas and has good potential for hosting gold mineralization. Further work is recommended especially to resolve the cause of the VLF conductors.

These claims expire on Mar. 12,25 and Apr. 24, 1988.

7 - HUFFMAN TWP. (partially reverted)

The properties in this township consist of two groups of 16 and 8 claims.

The 16 claim group was examined but nothing of encouragment found. A total of 60 days credit each was required by Dec. 6/86 and access would have narrowed the possible assessment work to diamond drilling in the winter of 1986-87. Since drilling was not warranted, the claims were reverted to Blue Falcon.

7 - HUFFMAN TWP. (Con't.)

The 8 claim group was also visited by boat and quickly examined. The author has previously conducted a VLF-mag survey on this group but the presence of an old, abandoned hydro-line produces very heavy "noise" and rendered the VLF useless. The ground is quite low and swampy for the most part and target areas were not outlined.

The claims expire on Mar. 30/87 and it is suggested that these claims be reverted back to Blue Falcon.

8 - ARBUTUS TWP.

This property consists of 25 claims in one group and is contiguous with a group in Potier Twp. to the SW.

The group was examined but nothing of interest was found and no target areas are outlined.

The claims expire on May 24/88 and no further work is recommended at present.

9 - POTIER TWP.

This property consists of 36 claims in one group and is contiguous with the Arbutus claims described above.

This property was examined but as with the Arbutus claims, nothing of interest was found and no potential target areas exist.

The claims expire on Apr. 24/88 and no further work is recommended at present.

10 - YEO TWP. (partially reverted)

This property consisted of 26 claims in one group.

A moderate VLF conductor was located during the examination and was traced to several mineralized outcrops. Samples taken gave very low values and the mineralization is considered to be sheared iron formation.

Further examination was done in the fall program and a large mass of intrusive diorite between Moore and Schist Lakes was found to host shear-zones with erratic gold values. Aside from the diorite, the claims are composed of a monotonous sequence of relatively unmineralized pyroclastic volcanics which locally host iron formation and are not attractive. As a result, those claims which are not composed of diorite should be reverted.

Four claims in the southwest portion of the group were reverted

YEO TWP. (Con't.)

to Blue Falcon and the others expire on Feb. 29, Mar. 5 and Nov. 20, 1987.

Bulldozer stripping was conducted in the late fall and applied for assessment credit on 8 claims. This work is described under Yeo Twp., Fall Program.

11 - CHESTER TWP.

The properties in this township consist of three groups of 3, 20 and 6 claims.

The 3 and 20 claim groups (north and central groups respectively) were examined during the summer program. Known gold occurrences on these groups was sampled and confirmed the high-grade nature of the mineralization. Values of 0.254, 0.752 and 0.800 oz. gold/ton were obtained in grab samples (Appendix, P. 23).

Due to poor accessibility and a lack of time, the 6claim (south) group was not visited during the summer program. An examination was made by the author during the fall program and a grab sample off the main "show" yielded 1.24 oz. gold/ton.

A geochemical survey on a grid with 200 foot line spacings and stations every 100 feet was conducted in the fall on the two eastern claims of the south group and is described under the fall program.

These properties are considered to be the most attractive of the Silver Butte claims in that they occur in an area of high-grade gold occurrences and host numerous showings of gold.

Chesbar Resources has obtained values of 1.02 oz. gold/ton over 9.5 feet in a ramp currently being constructed and 0.305 oz. over 13.5 feet in an underground drill-hole. According to personal communication, Chesbar intends to spend up to $5 million during 1987 in the area.

The claims expire on Mar. 5, Sept. 5, 26 and 27 and Nov. 5, 1987.

12 - BENNEWEIS TWP.

The properties in this township consist of two groups of 4 and 28 claims.

The properties were visited during the summer program but nothing of interest was seen at the time. Subsequently, a government airborn VLF-Mag map was obtained that was not available at the start of the summer program and showed a very strong (four-channel) VLF con-

BENNEWEIS TWP.(Con't.)

ductor in the northwest portion of the 28 claim group. Since the rock is migmatitic in nature, the conductor is not from I.F. or graphite and should be investigated. The Kidd #1 and #2 (Murgold #20) in Chester Twp. occur in a similar setting and give very good VLF response.

The 4 claim group was formerly examined for CU-Ni in diorite and samples should be taken to test for PGMs.

The claims expire on Aug. 24 and Sept. 27, 1987 and Jan. 21/88.

13 - GROVES TWP. (partially reverted)

The properties in this township originally consisted of two groups of 17 and 4 claims.

The 17 claim (north) group covers an intrusive diorite hosting shear zones which reportedly ran as high as 2% Cu and 5% Ni per ton over 5 feet in old drill-holes. Up to 3.4 oz. silver/ton over 4 feet is also reported.

Due to difficult access and lack of time, the property was not visited. The author has previously examined this property. All shears on surface were sampled but returned low base and precious metals. It should be noted that rich Cu, Ni and Ag zones such as those obtained in the drill-holes were not sampled as these sections are absent in the old core on the property which is unfortunate since these sections would also have the best PGM values. Never the less, representative sections of the old core and the surface showings, should be sampled for PGMs.

The diorite is at least 95% covered by 4 claims and a VLF-mag survey for assessment credit to protect these claims is to commence very shortly. All other claims besides the 4 covering the diorite should be reverted to Blue Falcon. Four claims in this group have at present been reverted.

The 4 claim (south) group has also been reverted. This group supposedly covered an extension of the gold mineralization at Pensyl Lake to the west. Previous sampling by the author on these claims gave very low gold values.

FALL PROGRAM, 1986

This program commenced in early October and had a budget of $30,000.00 to basically follow up on any target areas outlined by the earlier program and to conduct necessary assessment work on areas felt to be attractive.

Work consisted of prospecting, sampling, bulldozer (D-7) stripping, a geochemical survey, geological mapping and claim-boundary mapping of several claims preparatory to applying for leases. The claim boundaries of other properties were also examined to assess any deficciencies in the claim staking.

As a result of this work, two, new areas of gold mineralization have been located in Osway and Yeo Twps.. Sufficient assessment credit to cover these claims and other attractive areas was obtained by the performance of 50 hours stripping with a D-7 bulldozer and a geochemical survey on two claims in Chester Twp.

Gold values taken on the Osway claims were dissappointing with the highest value at 0.034 oz gold/ton. The samples were taken during stripping operations in the late fall-early winter however under poor conditions such as snow, freezing temperatures and mud. Further sampling in the summer of 1987 such as channel or chip sampling in trenches at regular intervals should be conducted to fully assess what appears to be a very wide shear.

Values obtained on the Yeo group were quite erratic but encouraging with values of 0.091, 0.157 and 0.52 oz. gold/ton in grab samples. The zone of shearing has been traced over 1,000 feet and locally is up to 50 feet wide. Again, samples were taken under poor conditions and systematic sampling of trenches should be done over the shear during the summer of 1987.

Values from grabs on the north Chester Twp. claims were 0.282 and 0.543 from several occurrences and this property warrants further work. The claim bondaries of these three claims was also mapped.

A hand-cobbed sample of high-grade mineralization at an occurrence on the south Chester claims gave a value of 1.24 oz. gold/ton. A geochemical survey was conducted on two claims in this group to cover assessment requirements but gave low values. Further work to locate new mineralization and to extend known mineralization should be conducted.

FALL PROGRAM (CON'T.)

1 - Osway Twp.(NW group)

Claims 866691 and 692 were examined early into the program. No outcrop was noted during traverses along the claim-lines but an outcrop on the Rush Lake road at the south boundry of 866692 was sampled and returned a value of 0.034 oz. gold/ton. Subsequently, a D-7 bulldozer and operator were brought in and 22 hours of stripping conducted for assessment credit of 77.7 days each on 866691&692. These claims are in good standing to July 19/88.

The stripping revealed what appears to be sheared sediments over a width of at least 35 feet. Values were low but anomalous (Fig.4, Appendix, P. 24).

A traverse was conducted with a VLF unit over an airborn conductor which cuts 866691&692 in a east-west direction and the conductor was located. Values were very strong up to +90% indicating a prime conductor. The conductor at this point was in a valley but appears to continue to the west in an area of some outcrop and this area should be closely examined in the summer of 1987. A few hours of D-7 stripping was also done next to the road to the south where a long (4 miles) VLF conductor crosses but aside from some sediment near the beaver pond, the conductor was found to be covered by substantial overburden. Values were up to + 85% on this conductor.

2 - Yeo Twp.

A large intrusive mass of diorite was located between Moore and Schist Lakes while examining old pits on exposures of iron formation. The diorite is not shown on the current map of the area but was shown on Laird's map (1932). Investigation revealed quartz and sulphide mineralization locally in sheared diorite. The shearing was mapped, flagged and sampled with one value of 0.157 oz. gold/ton obtained from a grab sample (Appendix, P.24).

On completion of the stripping in Osway Twp., the D-7 bulldozer was brought onto the property and conducted 28 hours of stripping. Eight claims, 742775-778, 722941 and 946, 681635 and 636 had 24.7 days assessment credit each for the stripping and are in good standing until Jan. 12/88.

The shear was found to occur over a total length of about 1,000 feet and is up to 50 feet wide (Figure 5). Samples were taken and values ranged up to 0.52 oz. gold/ton (Appendix, P. 23).

Future work should consist of trenching and channel sampling the shear during summer, 1987.

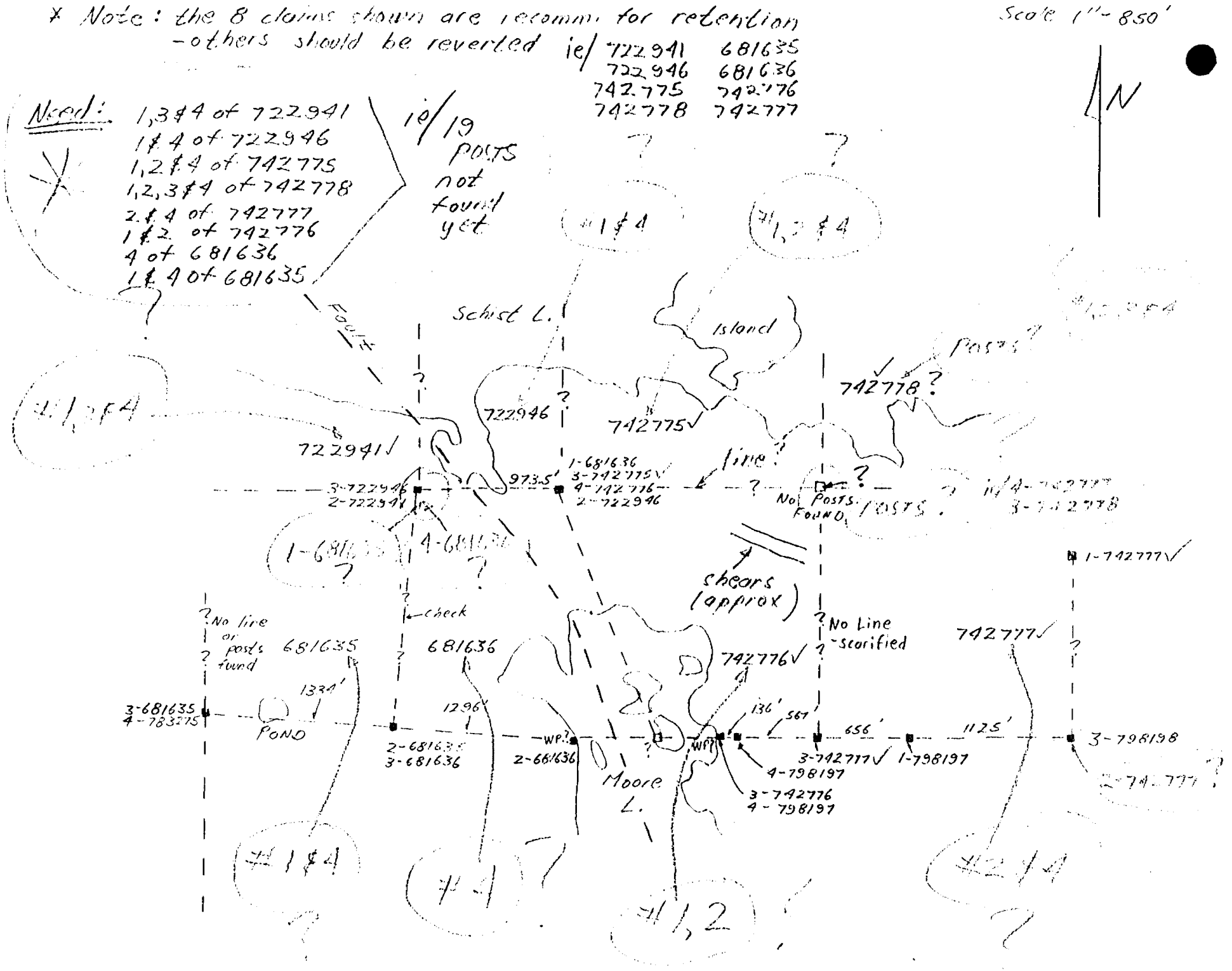


FIGURE 2 - YEO TWP. CLAIM SKETCH

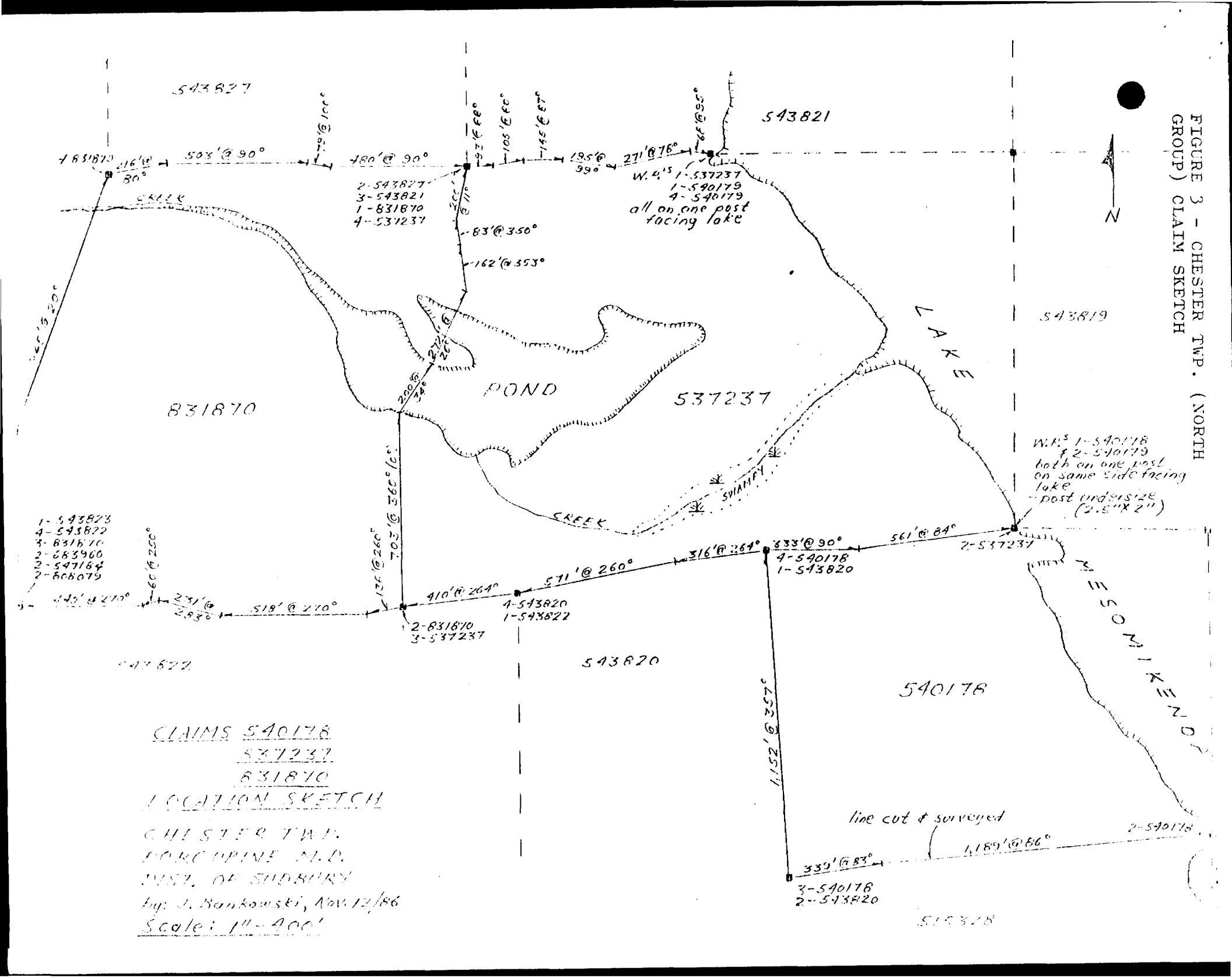


FIGURE 3 - CHESTER TWP. (NORTH GROUP) CLAIM SKETCH

CLAIMS 540178
537237
831870
LOCATION SKETCH

CHESTER TWP.
PORCUPINE M.D.
WEST OF SUDBURY
by: J. Bankowski, Nov. 12/86
Scale: 1" = 400'

Yeo Twp. (Con't.)

The claim boundaries of the 8 claims were mapped and deficciencies noted (P.17). The staking appears to have been very poorly done and 19 of the 32 posts for the 8 claims were not located. Many claim-lines were also not found and several claims are reversed to what is shown on the claim map.

Accurate mapping of the claim-lines using compass and a topofil should be conducted and an accurate map made. Application should then be done to have the Claims Inspector examine the claims during the summer of 1987. He will then advise what physical alterations should be made to the claims.

3 - Chester Twp.

a- North Group

At present, 3 shears have been located on this groups with high values of 0.752, 0.282 and 0.543 oz. gold/ton respectively. The lower two values are from shears in volcanic rock while the high value is from a shear within intrusive rock. The shears in volcanics tend to give erratic values while the intrusive shear gives consistently high values. All the mineralization is close to the volcanic-intrusive contact.

The volcanics present, which cover the the bulk of the group, are extremly sheared in general and appear to have very good potential for the discovery of gold mieralization. The contact zone should be closely examined especially in the intrusive.

Little work aside from a few old drill-holes and trenching on the known occurrences has been conducted on this group. Geological mapping, sampling and a detail VLF survey are recommended as future work as is bulldozer stripping, trenching and channel-sampling on anomalous areas.

The claim-lines and all posts were mapped (Fig. 3). Application can now be made to have the claims examined by the Claims Inspector. Claims 537237 and 540178 have the required 200 days credit and are both currently on an "Extension to Apply for Lease" until Sept. 26/87. After approval by the Claims Inspector, the 2 claims require a legal survey and an Application to Lease to lease the claims for 21 years.

b- South Group

Claim 537233 is also on extension to apply for lease. This claim hosts a shear in granitic (intrusive) rock that gave a value of 1.24 oz. gold/ton in a selected grab sample and the necessary steps as des-

South Group (Con't.)

cribed above should be taken to bring this claim to lease.

Claims 757976 and 977 are due Mar. 5/87 and a geochemical survey to cover the assessment requirements was conducted during the fall program. This work will be submitted shortly (Appen., P. 25-27).

Results of the survey were dissapointing with the highest value at 18 ppb. No clear anomalies were outlined. The two claims should be in good standing to Mar. 5/88 upon application of the survey. No further work on these two claims is recommended at the present time.

Further work is recommended on the other four claims of this group and should be the same as for the north group.

TARGET AREAS

Eight areas are considered to offer the potential for the hosting of gold mineralization. In priority sequence, most to least attractive, these areas are (Figure 1):

#1 - Chester Twp. north group
#2 - Chester Twp. central group
#3 - Chester Twp. south group
#4 - Yeo Twp.
#5 - Osway Twp.NW group
#6 - Benneweis Twp. main group
#7 - Mallard Twp. south group
#8 - Groves Twp.

The Mallard and Esther Twp. groups also have some potential and are also attractive in that they adjoin Noranda and Inco patented claims which host several gold occurrences. These properties should be examined if time and sufficient funds exist.

A minimum budget of $25,000.00 is recommended although twice this amount would be preferable.

Respectfully

J. Bankowski

J. Bankowski, B.Sc.

CERTIFICATE

I, Joseph H. Bankowski, do hereby certify:

1 - that I am an exploration geologist residing at 606 Sweetwater Place, Mississauga, Ontario;

2 - that I am a graduate of the University of Western Ontario, 1980 with a B.Sc. (Geology) and also a graduate of Cambrian College, Sudbury, Ontario, 1972 (Geol. Tech.);

3 - that I have been engaged in the practice of my profession since graduating;

4 - that I have no interest, direct or indirect, nor do I expect to receive any such interest in the properties or securities of Consolidated Silver Butte Mines Ltd.

Joseph H. Bankowski
Geologist (B.Sc.)
J. Bankowski
Dated: Febuary 16, 1987.

APPENDIX

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : BANKOWSKI, J.

811 SWEETWATER CRES.
MISSISSAUGA, ONT.
L5H 4A7

** CERT. # : A8615190-001-A
INVOICE # : I8615190
DATE : 30-JUL-86
P.O. # : NONE

WO.

ATTN: J. BANKOWSKI CC: LOU STARCK

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
401	207	0.08	<0.002	--	--	--	--
402	207	0.11	0.002	--	--	--	--
403	207	0.01	<0.002	--	--	--	--
404	207	0.05	<0.002	--	--	--	--
405	207	0.05	<0.002	--	--	--	--
406	207	0.07	<0.002	--	--	--	--
407	207	<0.01	<0.002	--	--	--	--
408	207	0.01	<0.002	--	--	--	--
409	207	0.02	<0.002	--	--	--	--
410	207	0.03	<0.002	--	--	--	--
411	207	0.05	<0.002	--	--	--	--
412	207	0.04	<0.002	--	--	--	--
413	207	0.03	<0.002	--	--	--	--
414	207	<0.01	0.032	--	--	--	--
415	207	0.03	0.252	--	--	--	--
416	207	0.09	0.054	--	--	--	--
417	207	1.06	0.752	--	--	--	--
418	207	0.15	0.800	--	--	--	--
419	207	0.08	0.018	--	--	--	--

VOI rev. 4/85

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P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 2115 DATE: December 8, 1986

SAMPLE(S) OF: Rock (23) RECEIVED: December 1986

SAMPLE(S) FROM: Mr. J, Bankowski, Missisauga, Ontario

Sample No.	Gold ppb	Oz. Gold	Silver ppm	Oz. Silver
434		1.240**		0.74**
5		0.282**		0.35
6	391		1.2	
7	185		0.4	
8		0.046**	2.4	
9	6		0.6	
440		0.543**		0.72**
1	151		1.2	
2	62		1.4	
3	49		0.6	
4	74		1.6	
5	21		0.6	
6	15		0.8	
7	37		0.6	
8	17		0.6	
9	44		0.8	
450	52		0.6	
1	73		0.6	
2	37		0.6	
3	12		1.2	
4	51		0.8	
5	929**		2.8	
6		0.52**	3.6	

** Checked

IN ACCORDANCE WITH ESTABLISHED NORTH [illegible] UNLESS OTHERWISE STATED THE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER _____

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1777 DATE: October 28, 1986

SAMPLE(S) OF: Core (14) RECEIVED: October 1986

SAMPLE(S) FROM: Mr. J. Bankowski, Mississauga, Ontario

Sample No.	Au ppb	Au oz.	Ag ppm
420		0.034**	
1	81		0.4
2	30		0.2
3	676**		1.2
4	63		3.0**
5	413		1.0
6		0.091**	0.3
7	309		1.4
8		0.157**	2.0
9	311		1.0
430	51		0.2
1	33		1.0
2	27		1.0
3	66		ND

NOTE: ND denotes not detected.
** Checked

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

Page 1 of 3

NO. 2198 DATE: December 18, 1986

SAMPLE(S) OF: Soils (90) RECEIVED: December 1986

SAMPLE(S) FROM: Mr. J. Bankowski, Mississauga, Ontario

Sample Identification	Gold ppb	Silver ppm
2E-1N	4	ND
2E-2N	8	ND
2E-3N	6	ND
2E-2S	10	ND
2E-3S	2	ND
2E-4S	2	ND
2E-5S	4	ND
2E-6S	8	ND
2E-13S	2	ND
2E-6+75S	6	ND
4E-3S	8	ND
4E-4S	2	ND
4E-5S	6	ND
4E-6S	6	ND
4E-7S	8	ND
4E-8S	4	ND
4E-9S	6	ND
4E-13S	6	ND
6E-5N	8	ND
6E-6N	2	ND
6E-7N	6	ND
6E-8N	6	ND
6E-9N	4	ND
6E-11N	4	ND
6E-12N	4	ND
6E-4S	2	ND
6E-5S	2	ND
6E-6S	2	ND
6E-7S	2	ND
6E-8S	2	ND

NOTE: ND denotes not detected.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER. _____

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 2198 DATE: December 18, 1986

SAMPLE(S) OF: Soils (90) RECEIVED: December 1986

SAMPLE(S) FROM: Mr. J. Bankowski, Mississauga, Ontario

Sample Identification	Gold ppb	Silver ppm
6E-9S	4	ND
6E-10S	2	ND
6E-13+125S	4	ND
8E-3N	2	ND
8E-4N	4	ND
8E-5N	2	ND
8E-11N	8	ND
8E-12N	6	ND
8E-4S	6	ND
8E-5S	4	ND
8E-6S	2	ND
8E-7S	10	ND
8E-8S	6	ND
8E-9S	4	ND
8E-10S	2	ND
8E-11S	2	ND
10E-4N	2	ND
10E-5N	4	ND
10E-11N	2	ND
10E-12N	4	ND
10E-3S	4	ND
10E-4S	2	ND
10E-5S	4	ND
10E-6S	4	ND
10E-7S	4	ND
10E-8S	4	ND
10E-9S	2	ND
10E-10S	2	ND
10E-11S	4	ND
11+40E-2N	4	ND

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON HEAD SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND DATA INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER _____

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

Page 3 of 3

NO. 2198 DATE: December 18, 1986

SAMPLE(S) OF: Soils (90) RECEIVED: December 1986

SAMPLE(S) FROM: Mr. J. Bankowski, Mississauga, Ontario

Sample Identification	Gold ppb	Silver ppm
11+40E-3N	4	ND
11+40E-4N	14**	ND
11+40E-5N	2	ND
11+40E-6N	2	ND
11+40E-7N	2	ND
11+40E-8N	4	ND
11+40E-9N	4	ND
11+40E-10N	4	ND
11+40E-11N	2	ND
11+40E-12N	6	ND
11+30E-3S	8	ND
11+30E-4S	4	ND
11+30E-5S	4	ND
11+30E-7S	4	ND
11+30E-8S	4	ND
11+30E-9S	6	ND
11+30E-10S	4	ND
11+30E-11S	6	ND
BL-1E	10	ND
BL-2E	4	ND
BL-3E	6	0.2
BL0+00-0+00E	8	0.4
0E-1N	10	ND
0E-2N	18	ND
0E-2+60N	8	ND
0E-2S	10	ND
0E-3S	2	ND
0E-4S	4	ND
0E-5S	10	ND
0E-13S	6	ND

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG ESTABLISHED NORTH-WEST ASSAY PRACTICE UNLESS OTHERWISE SPECIFICALLY STATED THE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER: _____

LEGEND

- Claim post (located)
- Claim Group line
- Surveyed Grid line
- Diamond Drill Hole
- Geological Contact
- Fault (assumed)

Silverside Resources Inc.

Garrison Township Project

Garrison and Thackery Townships

COMPILATION MAP

1:10,000

0 100 200 300 400 500 metres

Map 2

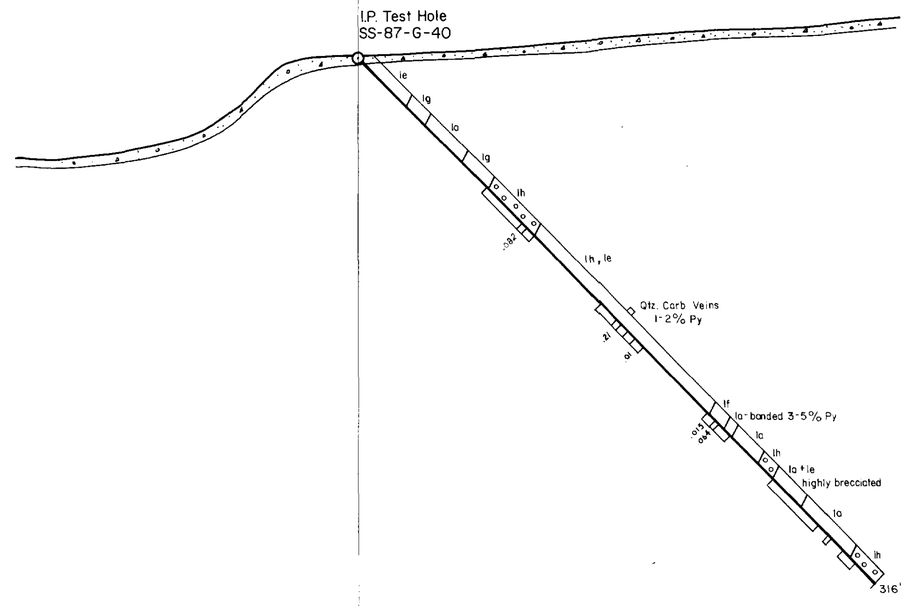
63.4895

This Map placed in file to aid in locating DDH collars. No Map included with OMEP submission (OM86-180) to show DDH locations. This map taken from file THACKERAY TP. (DDR#17.)

16+50S | 16+00S | 15+50S | 15+00S | 14+75S | 14+50S | 14+00S | 13+50S | 13+00S | 12+50S | 12+00S

Observer looking Grid West at 325°

ELEV. 10+100'



50' 100' 150' 200' 250' 300' 350' 400' 450' 500' 550' 600' 650' 700' 750' 800' 850' 900' 950' 1000'

LEGEND

FELSIC INTRUSIVES
- 4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS
- 3b ARGILLITE GRAPHITIC
- 3a GREYWACKE

- 2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS
- 2b LAMPROPHYRE INTRUSIVE DYKE
- 2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS
- 1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
< .01 OZ/T Au

210

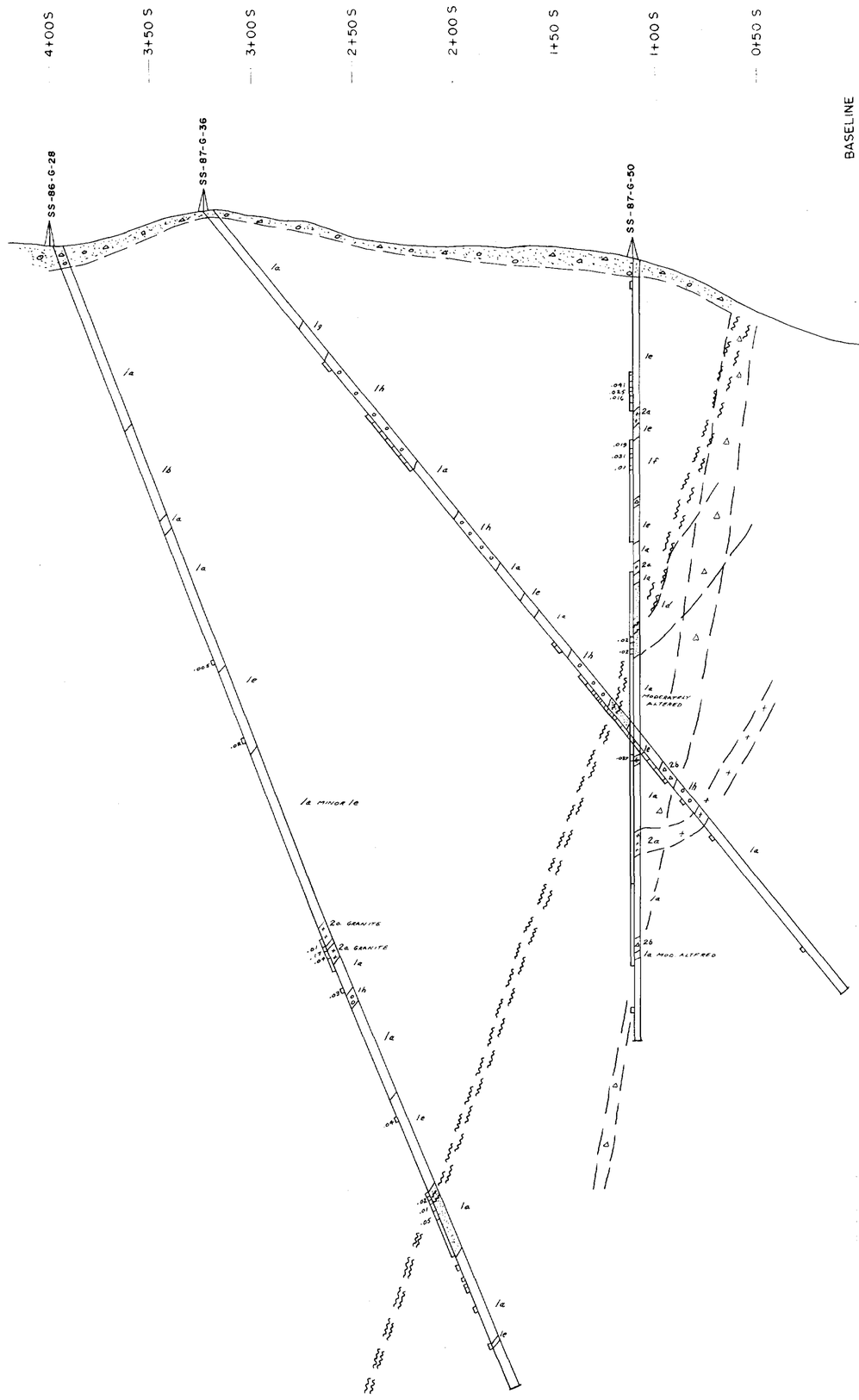
SILVERSIDE RES. INC.

GARRISON PROJECT

D.D.H. SECTION 20+00 WEST

SCALE 1"=40' WDP MAY/87

OH 86-180 63.4895



ELEV 10+100'

50'

100'

150'

200'

250'

300'

350'

400'

450'

500'

550'

600'

650'

700'

750'

800'

850'

900'

950'

1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
.01 OZ T Au

220

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 6+00 WEST

SCALE 1"=40' WDP MAY/87

OM86-180 63.4895

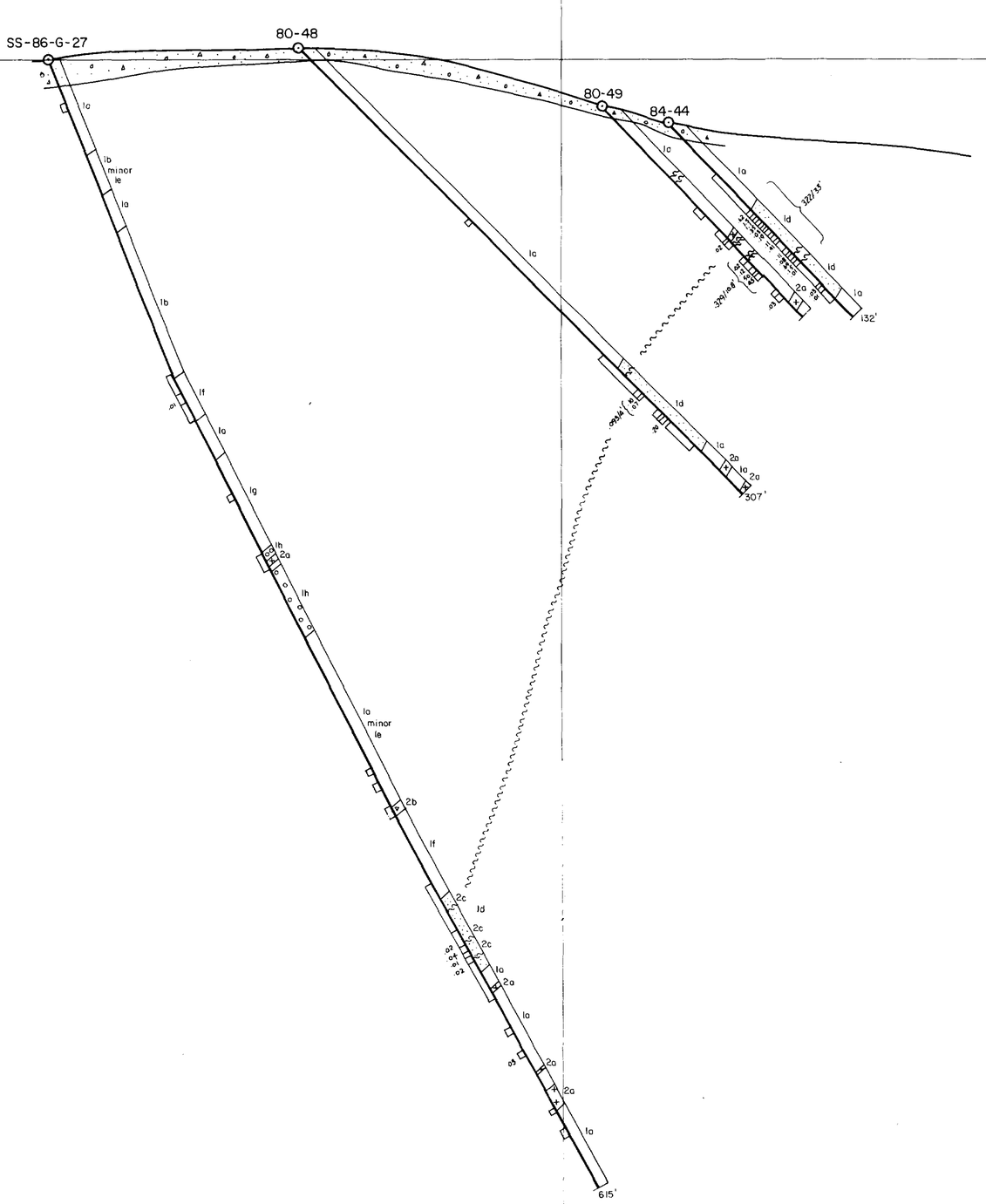
4+00S | 3+50 S | 3+00 S | 2+50 S | 2+00 S | 1+50 S | 1+00 S | 0+50 S | BASELINE | 0+50 N | 1+00 N | 1+50 N | 2+00 N | 2+50 N | 3+00 N | 3+50 N | 4+00N

055°

SS-86-G-27 | 80-48 | 80-49 | 84-44

ELEV 10+100'

50'
100'
150'
200'
250'
300'
350'
400'
450'
500'
550'
600'
650'
700'
750'
800'
850'
900'
950'
1000'



LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

INTRUSIVE ROCKS

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
.01 OZ T Au

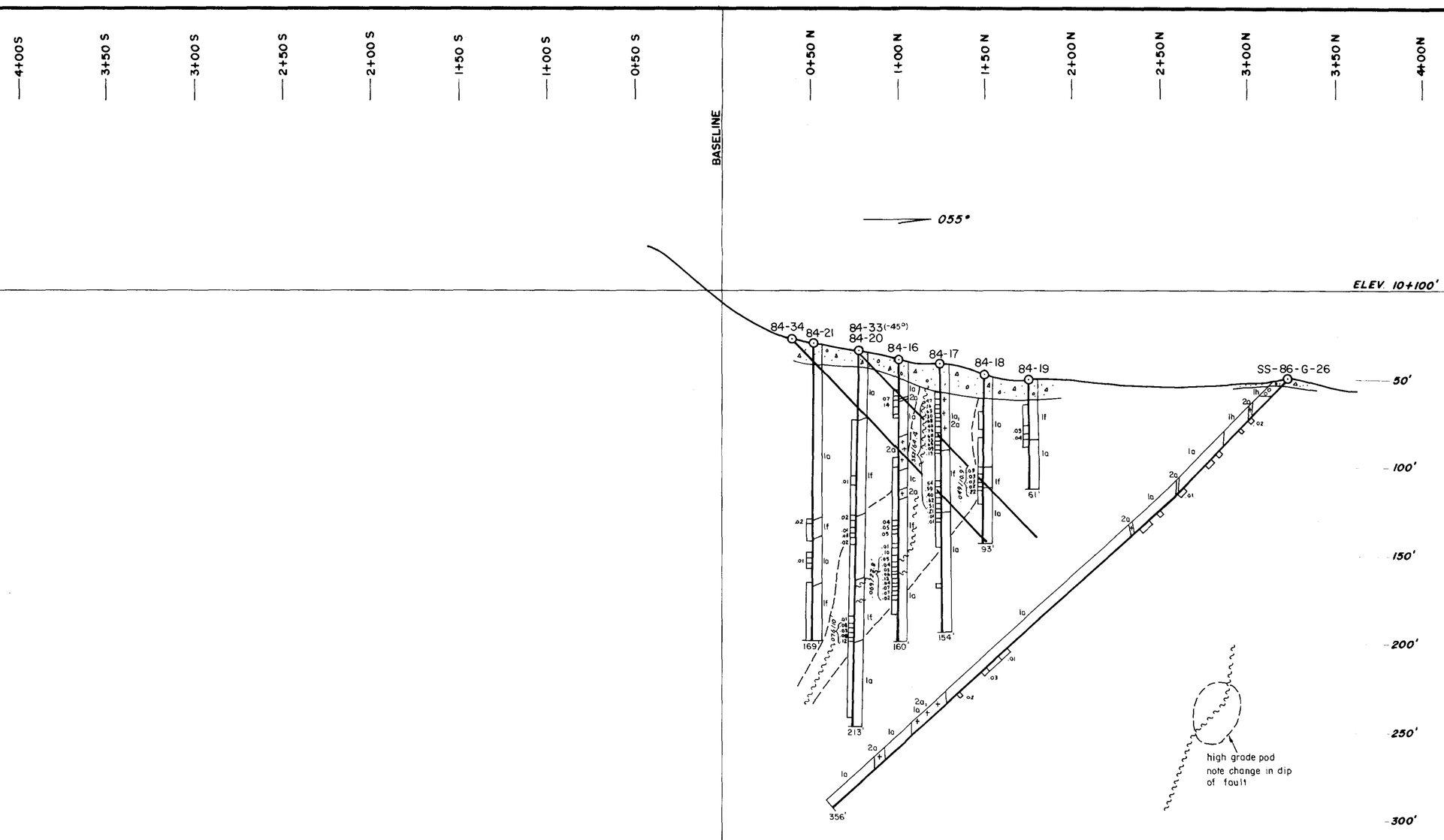
SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 3+50 WEST

SCALE 1"=40' WDP MAY/87

OM86-180 63.4895



DDH # 84-33
39-47.5' = 0.714/8.5'
70-75 = 0.392/5.0'
97.5-105 = 0.21/7.5'
} 39-105' = 0.15/66'

DDH # 84-34
75-135' = 0.16/65'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED < .01 OZ/T Au

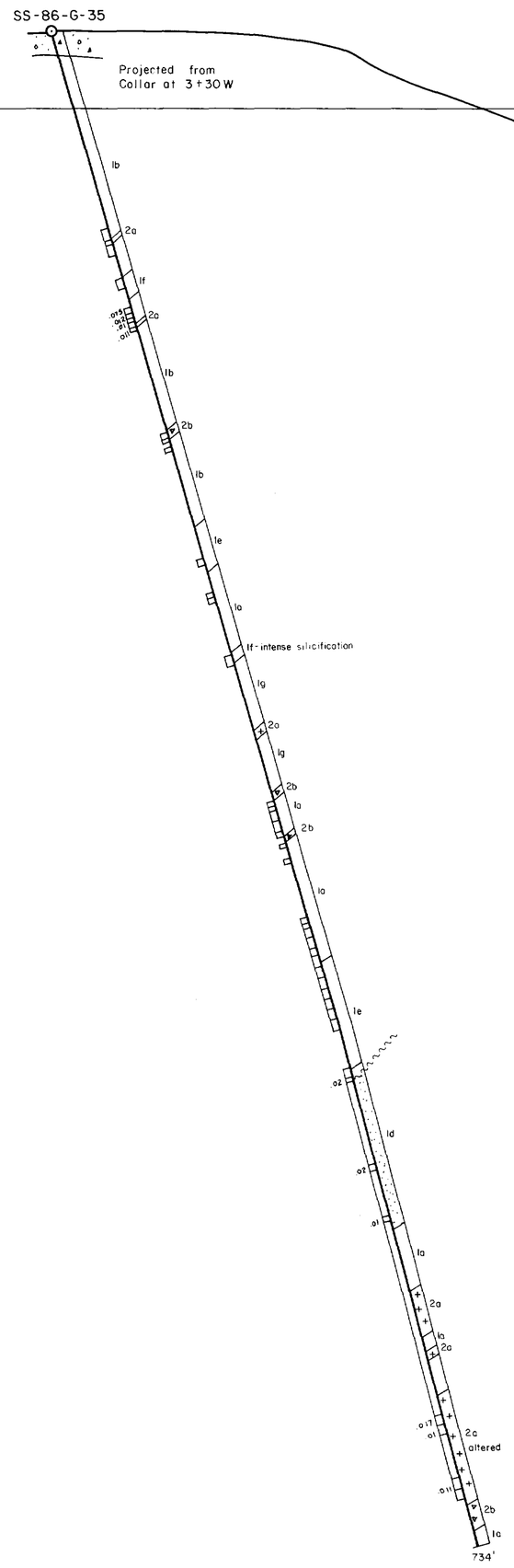
SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 3+25 WEST

SCALE 1"=40' WDP MAY/87

4+00S | 3+50S | 3+00S | 2+50S | 2+00S | 1+50S | 1+00S | 0+50S | BASELINE | 0+50N | 1+00N | 1+50N | 2+00N | 2+50N | 3+00N | 3+50N | 4+00N



ELEV. 10+100'

50' | 100' | 150' | 200' | 250' | 300' | 350' | 400' | 450' | 500' | 550' | 600' | 650' | 700' | 750' | 800' | 850' | 900' | 950' | 1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
< .01 OZ/T Au

32D05NW0010 63.4895 THACKERAY

250

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 2+00 WEST

SCALE 1" = 40' | WDP | MAY/87

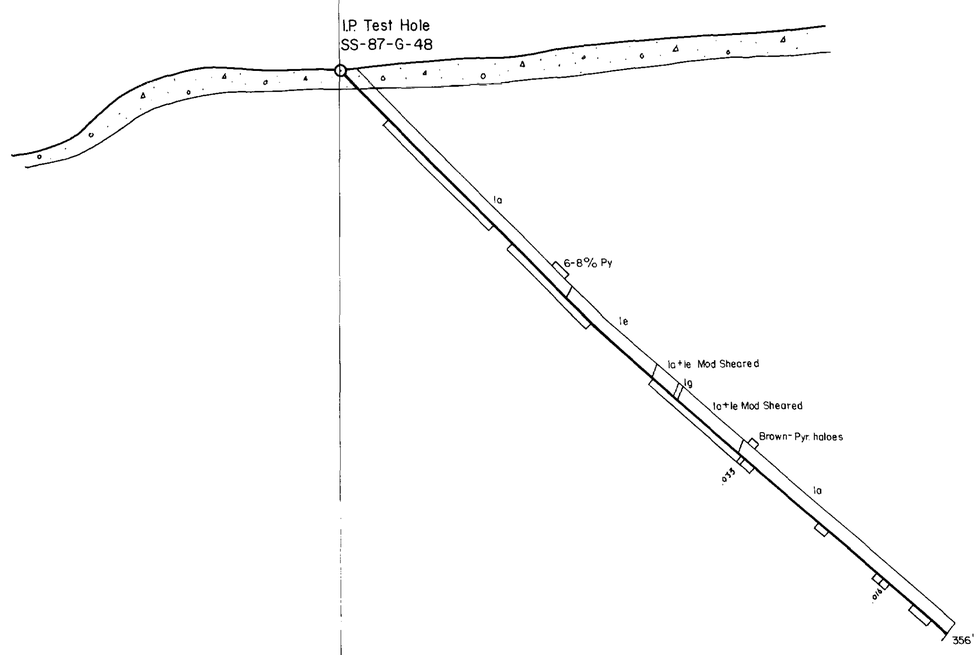
OM86-180 63.4895

12+50S | 12+00S | 11+50S | 11+00S | 10+50S | 10+00S | 9+50S | 9+00S | 8+50S

055°

Observer looking Grid West at 325°

ELEV. 10+100'



50'
100'
150'
200'
250'
300'
350'
400'
450'
500'
550'
600'
650'
700'
750'
800'
850'
900'
950'
1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
.01 OZ/T Au

260

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 2+00 WEST

SCALE 1"=40' WDP MAY/87

OM86-180

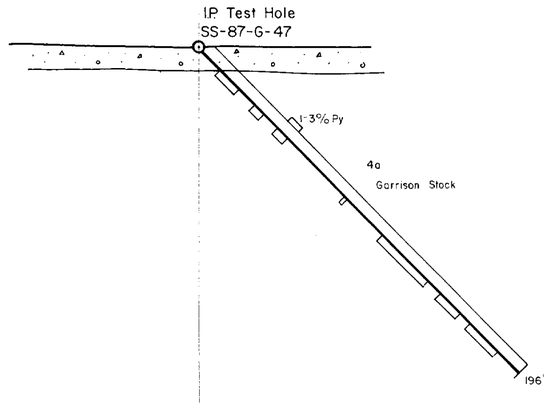
63.4895

4+00 N | 4+50 N | 5+00 N | 5+50 N | 6+00 N | 6+50 N | 7+00 N | 7+25 N | 7+50 N | 8+00 N | 8+50 N | 9+00 N | 9+50 N | 10+00 N

055°

Observer looking Grid West at 325°

ELEV 10+100'



50'
100'
150'
200'
250'
300'
350'
400'
450'
500'
550'
600'
650'
700'
750'
800'
850'
900'
950'
1000'

LEGEND

FELSIC INTRUSIVES
- 4a GRANITE MONZONITE, GARRISON STOCK

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

INTRUSIVE ROCKS
- 2b LAMPROPHYRE INTRUSIVE DYKE
- 2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS
- 1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED < .01 OZ/T Au

270

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION: 2+00 WEST

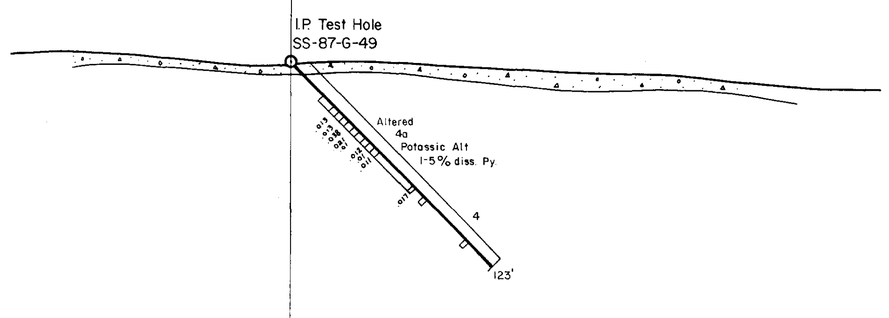
SCALE 1"=40' | WDP | MAY/87

8+00 N | 8+50 N | 9+00 N | 9+50 N | 9+90 N | 10+00 N | 10+50 N | 11+00 N | 11+50 N | 12+00 N

055°

Observer Looking Grid West at 325°

ELEV. 10+100'



50'
100'
150'
200'
250'
300'
350'
400'
450'
500'
550'
600'
650'
700'
750'
800'
850'
900'
950'
1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
.01 OZ/T Au

280

SILVERSIDE RES. INC.

GARRISON PROJECT

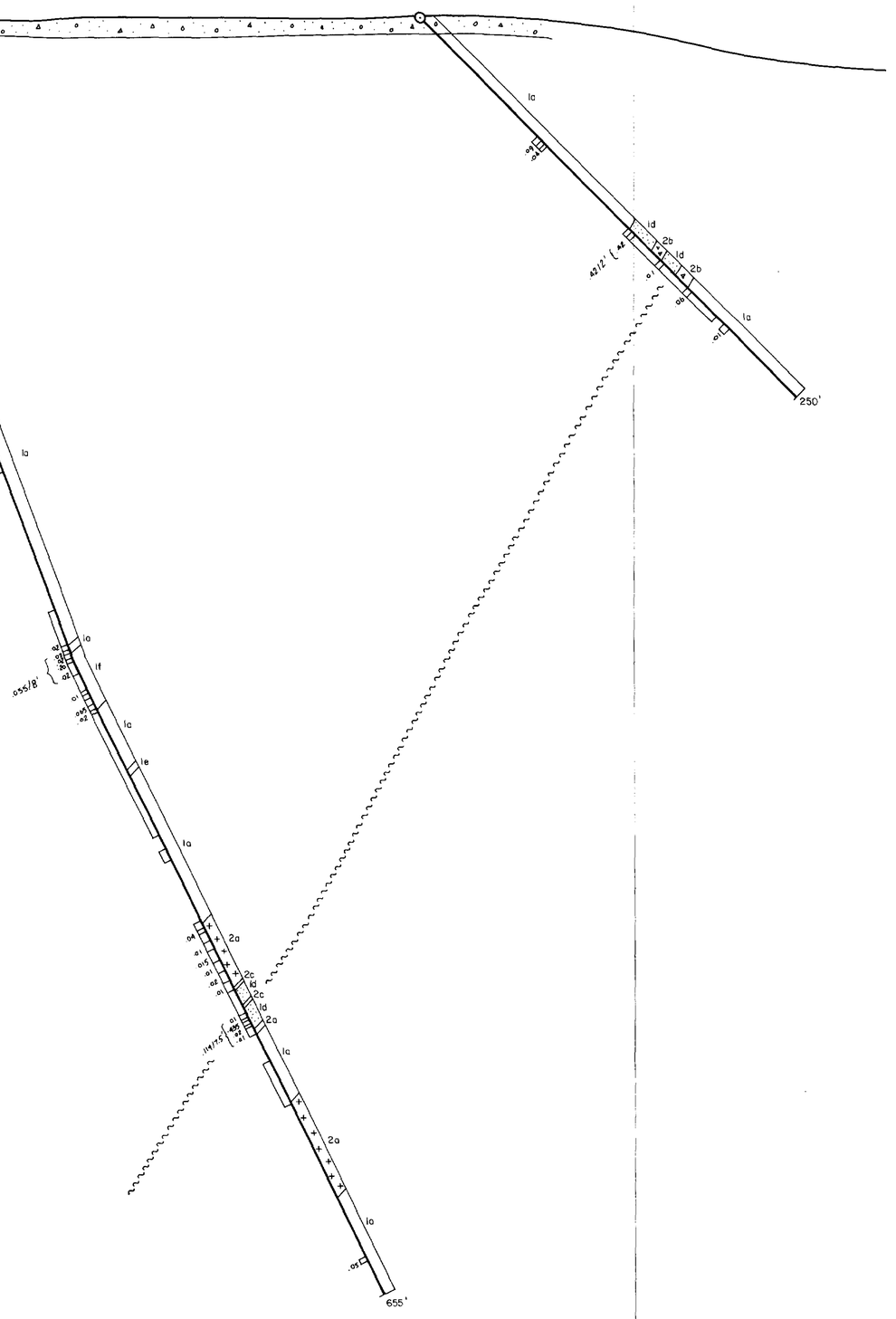
DDH SECTION 2+00 EAST

SCALE 1"=40' WDP MAY/87

4+00S | 3+50S | 3+00S | 2+50S | 2+00S | 1+50S | 1+00S | 0+50S | BASELINE | 0+50N | 1+00N | 1+50N | 2+00N | 2+50N | 3+00N | 3+50N | 4+00N

055°

SS-86-31 | 84-94 | ELEV 10+100'



50' 100' 150' 200' 250' 300' 350' 400' 450' 500' 550' 600' 650' 700' 750' 800' 850' 900' 950' 1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED < .01 OZ/T Au

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 2+50 EAST

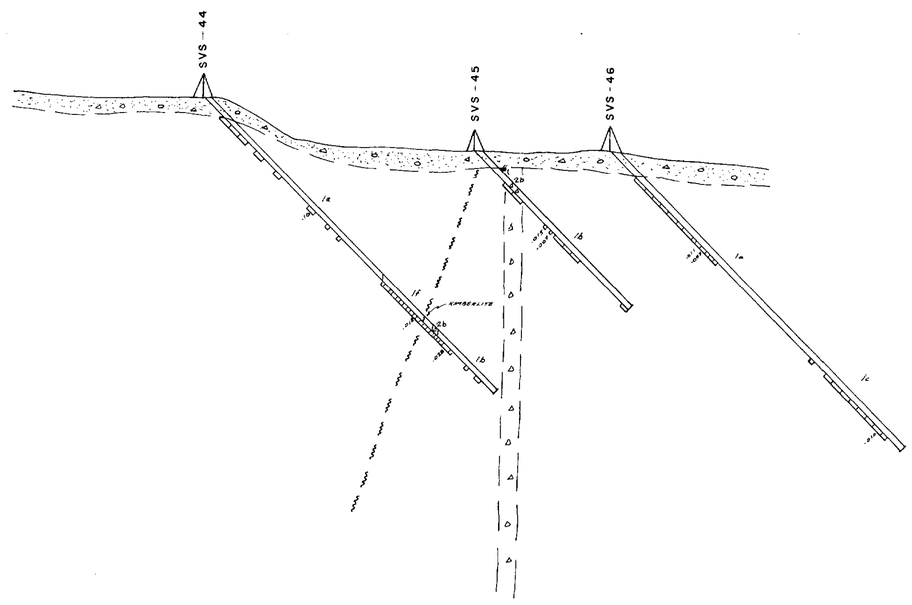
SCALE 1"=40' WDP MAY/87

OM86-180

63.4895

4+00S | 3+50S | 3+00S | 2+50S | 2+00S | 1+50S | 1+00S | 0+50S | BASELINE | 0+50N | 1+00N | 1+50N | 2+00N | 2+50N | 3+00N | 3+50N | 4+00N

055°



ELEV 10+100'

50'

100'

150'

200'

250'

300'

350'

400'

450'

500'

550'

600'

650'

700'

750'

800'

850'

900'

950'

1000'

LEGEND

FELSIC INTRUSIVES

4a GRANITE MONZONITE, GARRISON STOCK

METASEDIMENTS

3b ARGILLITE, GRAPHITIC

3a GREYWACKE

2c BRITTLE FAULT (COINCIDENT WITH KIMBERLITE MARKER)

INTRUSIVE ROCKS

2b LAMPROPHYRE INTRUSIVE DYKE

2a FELDSPAR 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 DIABASIC TEXTURED MAFIC METAVOLCANICS

1a MAFIC LAVA FLOW, MASSIVE UNALTERED

SYMBOLS

SECTION SAMPLED ASSAYED
(.01 OZ = 1 Au)

300

SILVERSIDE RES. INC.

GARRISON PROJECT

DDH SECTION 6+00 EAST ZONE 5

SCALE 1"=40' WDP MAY/87

OM86-180 63.4895

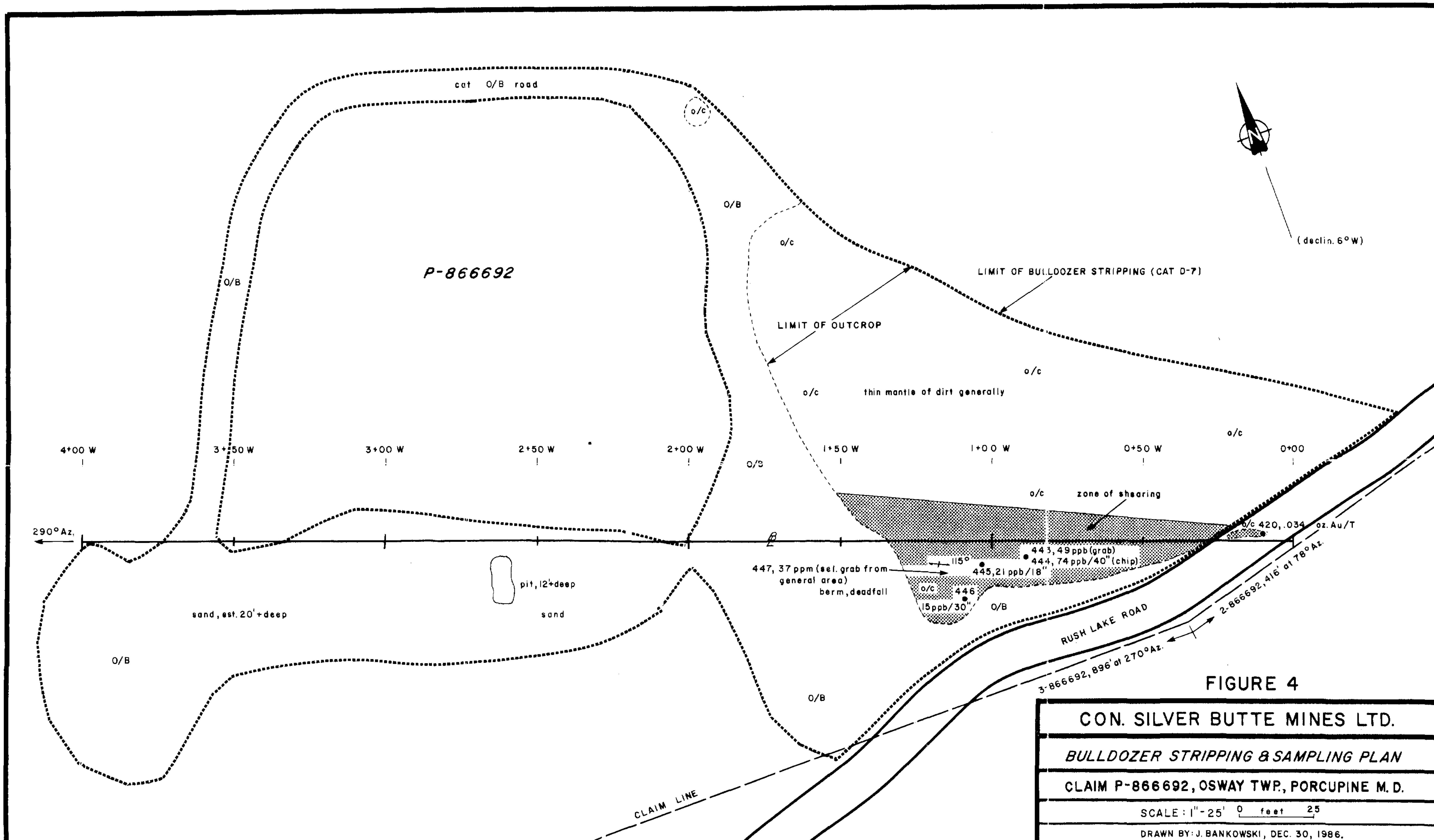


FIGURE 4

CON. SILVER BUTTE MINES LTD.

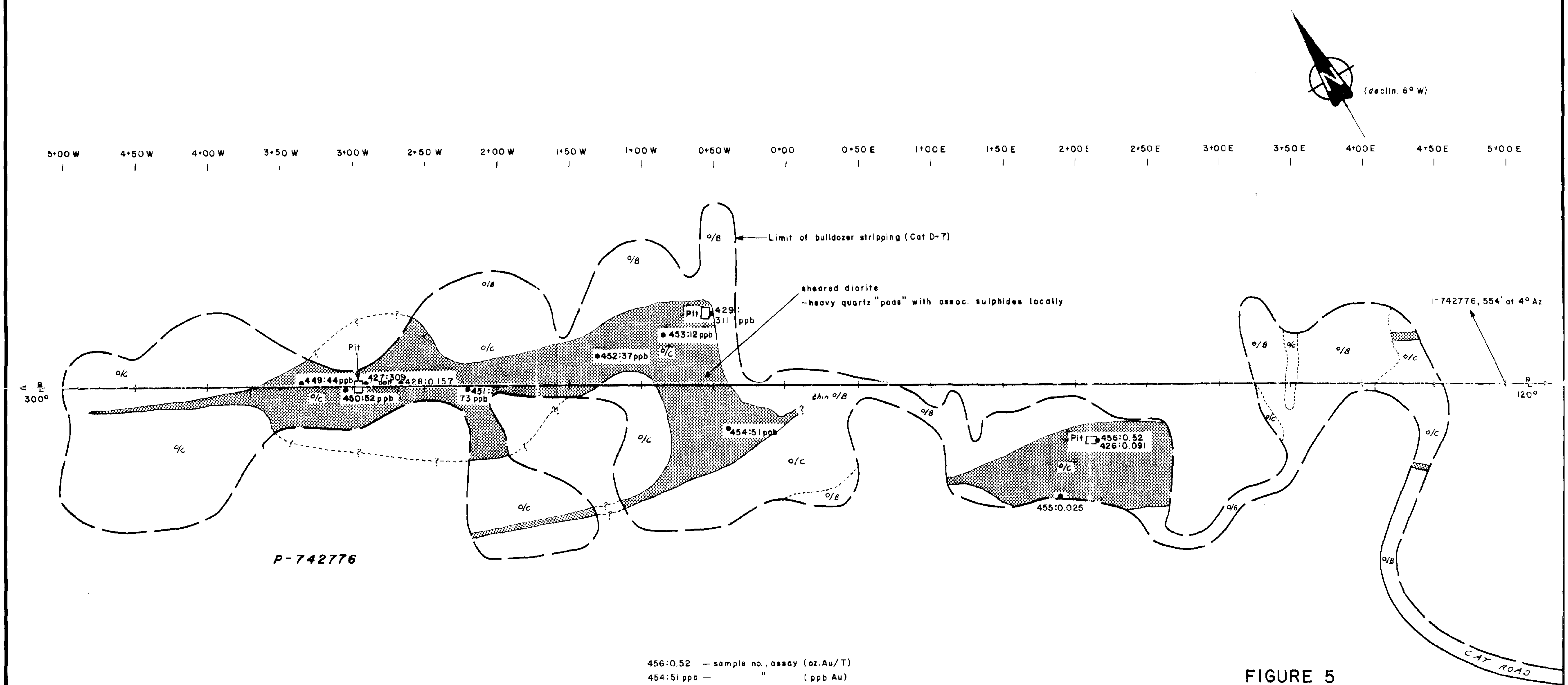
BULLDOZER STRIPPING & SAMPLING PLAN

CLAIM P-866692, OSWAY TWP., PORCUPINE M.D.

SCALE: 1" = 25' 0 feet 25

DRAWN BY: J. BANKOWSKI, DEC. 30, 1986.

OM86 S-T 166 63.4895



(declin. 6° W)
5+00 W
4+50 W
4+00 W
3+50 W
3+00 W
2+50 W
2+00 W
1+50 W
1+00 W
0+50 W
0+00
0+50 E
1+00 E
1+50 E
2+00 E
2+50 E
3+00 E
3+50 E
4+00 E
4+50 E
5+00 E
Limit of bulldozer stripping (Cat D-7)
sheared diorite
–heavy quartz "pods" with assoc. sulphides locally
1-742776, 554' at 4° Az.
Pit
429: 311 ppb
453:12 ppb
452:37 ppb
449:44 ppb
427:309
428:0.157
450:52 ppb
451: 73 ppb
454:51 ppb
456:0.52
426:0.091
455:0.025
300°
120°
thin O/B
O/B
O/C
P-742776
CAT ROAD

456:0.52 — sample no., assay (oz. Au/T)
454:51 ppb — " (ppb Au)

FIGURE 5

CON. SILVER BUTTE MINES LTD.

BULLDOZER STRIPPING & SAMPLING PLAN

CLAIM P-742776, YEO TOWNSHIP, PORCUPINE M.D.
GOGAMA AREA, ONTARIO.

SCALE: 1"-50' 0 FEET 50	Drawn by: J. Bankowski, Jan. 1987.

32D05NW0010 63.4895 THACKERAY

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