

LOG NO: <i>Feb 07/91</i>	RD.
ACTION:	
FILE NO:	

Diamond Drilling Report  
on the  
Gaspard Lake Property

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NTS 920/7,10  
51°30'N, 122°45'W

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Fame 1, Fortune 1, Gas 1-9, 11, 14-20 Claims

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Clinton Mining Division

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Owner: B.K. Bowen, A.C. Gordon  
Operator: Goldsmith Minerals Limited  
Commodity : Au  
Author: D.B. Petersen, P.Eng.  
Date: November 1990

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VANCOUVER, B.C.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,910

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## 1. Introduction

This report describes the diamond drilling programme that was conducted on the subject property in September and October of 1990. It describes the history of the property and the geophysical surveys that were done that lead to the decision to drill. The results of the drilling are discussed and recommendations for future work are made.

The report is intended for internal company use and as an assessment report.

## 2. Location and Access

The property is located in the Clinton Mining Division approximately 85 kilometres southwest of Williams Lake and 25 kilometres northwest of the Blackdome Mine. It is centred at geographic coordinates  $51^{\circ} 30' N$ ,  $122^{\circ} 45' W$ . NTS is 920/7 and 10. See Fig.1, "Location Map".

Access is by highway 20 from Williams Lake to Riske Creek and then southerly by good gravel road to the Fletcher Challenge logging camp 25 km northeast of the property. From there, main and side logging roads lead to various parts of the property. See Fig. 3, "Compilation Map". An alternative route is available from Clinton via the Gang Ranch.

## 3. Topography and Vegetation

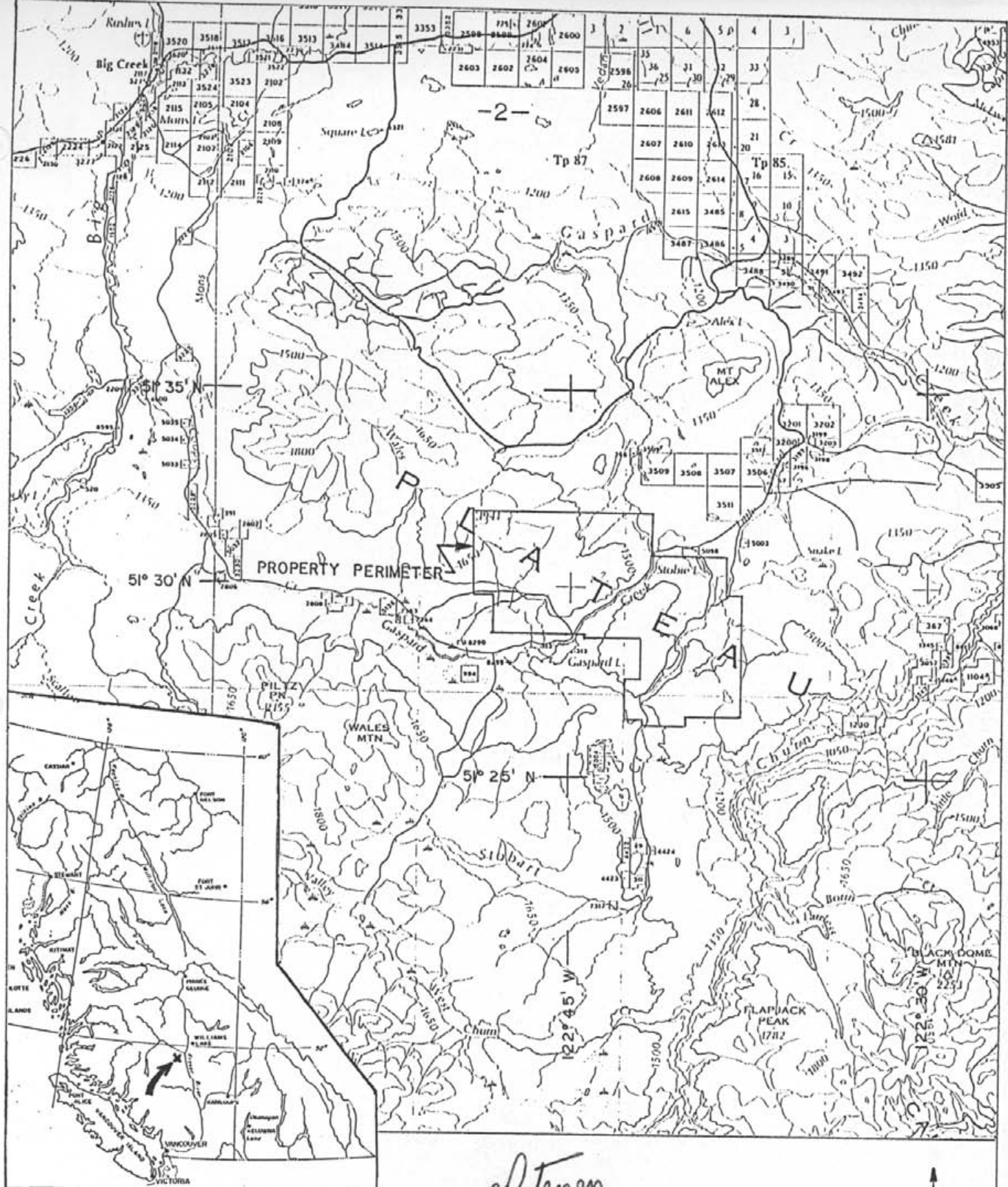
The claims cover gently rolling up-land between elevations of 300 and 1800m asl.

Vegetation consists almost exclusively of mature jack pine. Approximately one third of the area has been logged, in both selective and clear-cut manner.

## 4. Regional Geology

The property lies in a structurally controlled northwesterly trending belt of rocks known as the Intermontane Belt that extends with interruptions from the Yukon in the northwest to Mexico in the southeast. It varies from approximately 100 to 300km in width and in Canada is flanked by the Omineca Crystalline Belt to the East and the Coast Crystalline Belt to the West.

In British Columbia the rocks that comprise the belt consist essentially of Triassic volcanic rocks of intermediate composition that have been intruded by Triassic and Jurassic plutons and stocks of granitic composition. In Central British Columbia Tertiary activity is evident in the form of acidic to intermediate volcanic rocks that have been overlain by younger plateau type basalt flows.



Scale 1 : 250,000



Fig 1

LOCATION MAP



The Intermontane Belt is of great economic importance and hosts a variety of mineral deposits. These include porphyry type copper and molybdenum (Highland Valley Copper, Brenda, Granisle, Gibraltar), copper and gold (Copper Mountain, Continental Gold, Afton) and molybdenum deposits (Endako, Boss Mountain). Precious metal producers include silver and copper (Equity Silver) and several gold deposits (Bralorne-Pioneer, Silbak-Premier) and the epithermal Cheni, Baker, Dusty Mac and Blackdome mines.

#### 5. Claim Geology

The property is overlain by an extensive cover of overburden. A few outcrops are exposed in rare, steep-walled creeks and in occasional logging cuts, and one area contains sharp-angled float that has probably been derived from a proximal source.

Geological mapping by Harris (1988) showed that the property is overlain mainly by Middle Jurassic andesitic and pyroclastic volcanics which have been intruded by a granodiorite stock in the northern portion of the claims and by smaller bodies elsewhere. These rocks have been cut by Tertiary mafic dykes, felsic tuffs and flow-banded rhyolite dykes. A northeasterly striking fault on the Gas 18 and 16 claims separates Jurassic volcanics to the northwest from a variety of felsic to intermediate Tertiary volcanics to the southeast.

Prospecting by Bowen and Gordon (Bowen, 1989) has shown that epithermal type gold mineralization is present in vuggy quartz veins that exhibit some degree of argillic alteration and have been exposed in logging cuts and in the sides of a steep-walled creek on the Fame 1 claim.

Soil geochemistry (Harris, 1988) has defined a broad arsenic and gold anomaly some 600m by 300m in area on the Gas 9 claim immediately west of Stobie Lake.

An URP stream sediment sample analyzed 23ppm As on the Gas 18 claim.

#### 6. History

Interest in the property was first generated in the area of what is now the Gas 18 claim as a result of the URP sampling high. Equinox Resources staked approximately 40 units in two claims to cover the sample area and conducted a programme of reconnaissance geochemical soil sampling and prospecting. The results failed to justify expectations and the claims were abandoned .

Separately, in 1986, B.K. Bowen discovered a gold bearing alteration zone, and follow-up prospecting in 1987 by Bowen and partner A.C. Gordon led to staking in stages of the Fame 1, Fortune 1 and Gas claims shortly thereafter.

The property was subsequently optioned to Canamax Resources Inc. In 1988, they carried out a programme of additional staking, grid soil sampling, geological mapping, hand and limited backhoe trenching and 702 metres of NQ diamond drilling in 9 holes. They relinquished their option in 1989.

In early 1990 the property was optioned to Goldsmith Minerals Limited who conducted a reconnaissance VLF Resistivity and VLF EM survey on three grids, and follow-up detailed VLF Resistivity and magnetic surveys over the resistivity anomalies (Cartwright and Petersen, 1990).

#### 7. 1990 Diamond Drilling Programme

A six-hole 817.9m diamond drilling programme was conducted from 10th September through 22nd October 1990. The object was to test four resistivity anomalies on the Twilight, Discovery, Kelsch and Gas 18 grids.

The holes may be summarised as follows:

<u>Hole No.</u>	<u>Grid</u>	<u>Coordinates</u>	<u>Direction</u>	<u>Dip</u>	<u>Length</u>
90-1	Twilight	OE 75S	140	-45	124.1
90-2	Twilight	OE 167S	320	-58	139.4
90-3	Discovery	550E 510S	320	-50	124.1
90-4	Kelsch	1500E 255S	140	-50	177.5
90-5	Kelsch	1500E 295S	320	-55	99.7
90-6	Gas 18	400W 145S	130	-50	153.1

The locations of the holes are shown on figures 3, "Compilation Map" and 4, "Diamond Drilling Plan".

Phil's Diamond Drilling conducted the drilling using a Longyear 38 drill and NQ2 wireline equipment.

The writer supervised the programme and logged the core. The core was split longitudinally into 1 metre lengths and one half bagged and sent for assaying, to Acme Analytical Labs in Vancouver. There the core was crushed to 0.5cm, split to 250g and pulverised. A 10g sample was ignited at 600 C, digested with hot regia, aqua extracted by MIBK and analysed by graphite furnace AA. The detection limit was 1ppb Au. The results are recorded in the diamond drill logs (Appendix I) and the assay certificates (Appendix II).

The retained half of the core is stored on the Fame 1 claim at coordinates 900E 100S on the Twilight grid, 30m South of the 2900 logging road.

The costs are apportioned as follows:

Fame 1 claim Holes 1,2,3,4,5	665m @ \$144.72	\$96,233
Gas 18 claim Hole 6	153m @ \$144.72	<u>\$22,142</u>
		\$118,375

#### 8. Results of Diamond Drilling

The diamond drilling shows that two of the four resistivity anomalies that were tested (Twilight and Kelsch) are accountable by their high quartz content, while the Discovery and Gas 18 anomalies are unaccompanied by increased quartz. Presumably, their cause is topographic, ie near outcrop conditions under shallow overburden.

Holes 1 and 2 each intersected several zones of epithermal quartz veining with flanking stockwork. Several of these zones resemble the mineralised float that overlies the Twilight zone but exhibit a lower degree of fracturing and are not as fresh. Hole 2 intersected three epithermal vein systems carrying anomalous gold values, at 31-32m (660ppb), 57-58m (890ppb) and 79-80m (410ppb) See Fig. 6, "Twilight Zone". Hole 1, which covered the same sector as hole 2, failed to return anomalous gold values. Hole 1 is intensely fractured (faulted?) and weathered, more so than hole 2, and it is reasonable to assume that gold has been leached from the system.

Hole 4 intersected the downward extension of the Double Diamond showing, with barely perceptible increase in values. See Fig. 5, "Kelsch Zone".

#### 9. Discussion

The diamond drilling has shown that the Twilight zone, despite the intense weathering and leaching that is evident, contains several intersections that are anomalous in gold. The relationship between holes 1 and 2 suggests that leaching of metal has taken place, but, as in these cases, calculation of the original grades is not possible.

The source of the mineralised float overlying the Twilight zone is not known with absolute certainty. It is more intensely fractured and is much fresher than any of the intersections observed in holes 1 and 2. If this float is, in fact, derived from the Twilight zone, then it must be from a portion that was not intersected in the drilling; or, alternatively, it originates from a separate zone that has not yet been discovered lying up-ice to the southwest.

The Bonaparte property north of Kamloops furnishes an interesting comparison with Gaspard Lake. There, narrow quartz veins are mineralised with gold. According to A. Gourlay (pers. comm.) nugget effect results in large samples (surface panel and percussion hole samples) consistently returning much higher values than corresponding small samples (channel and diamond drilling samples). It is quite possible that nugget effect is partly responsible for the low values in holes 1 and 2 and that percussion drilling (larger samples) may obviate this effect.

At this stage, the elevations of the Kelsch and Twilight zones in the mineral column are not known. They are both devoid of sulphides and are therefore probably high-level, possibly sufficiently high as to overlie any precious metal horizons that may occur deeper in the column. Bearing in mind the vagaries of mineral deposits and the districts that host them, the likelihood of finding epithermal systems on the property under improved metal bearing conditions appears to be realistic.

#### 10. Conclusions

It is concluded that:-

1. the VLF Resistivity is capable of successfully identifying zones of epithermal quartz veining
2. the geological success in the diamond drilling justifies expanded geophysical reconnaissance over the property.
3. the low values in holes 1 and 2 (small sample diamond drilling) may be caused by nugget effect

#### 11. Recommendations

It is recommended that:

1. an inclined percussion hole be drilled to duplicate hole 2.
2. reconnaissance VLF Resistivity of the property be continued on lines spaced 250m apart.
3. depending on the results of 1 and 2, above, follow-up detailing of anomalies and testing by diamond or percussion drilling be conducted.

*ss Petersen*



12. Costs

The following costs were incurred in the programme:

Project Preparation

D.Petersen, Geologist, 4-7 September 4 Days @ \$345 1,380  
Sub-Total 1,380

Field Costs

Mobilisation and Demobilisation

10 Sept, 20 Oct 2 days @ \$1,125 \$2,250

D.Petersen, 11 Sept-19 Oct 39 days @ \$ 345 \$13,445  
Geologist

T.Bains, Helper

11 Sept-19 Oct 39 days @ \$ 150 \$5,850

Meals and Accommodation

78 man-days @ \$ 55 \$4,290

Truck Rental 39 days @ \$ 66 \$2,574

Gasoline \$ 541

Supplies \$ 258

Assaying \$5,323

Freight \$ 572

Diamond Drilling 818m @ \$94.66 \$77,424  
Sub-Total \$112,537

Reporting

D.Petersen 6 days @ \$345 \$2,070

Drafting 3 days @ \$345 \$1,035

Printing \$ 108

Typing 7 hrs @ \$35 \$ 245  
Sub-Total \$4,458

Total : \$118,375

Inclusive Cost is \$ 144.42 per metre drilled.

*D.Petersen*

13. Claims

The following contiguous claims comprise the property. They are located in the Clinton Mining Division. See Fig. 2, "Claim Map".

<u>Group Name</u>	<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Anniversary</u>
Fame 1	Fame 1	2147	20	18 Feb
Fame 1	Gas 3	2553	20	10 Mar
Fame 1	Gas 5	2555	16	10 Mar
Fame 1	Gas 7	2557	20	10 Mar
Fame 1	Gas 8	2558	12	10 Mar
Gas 9	Gas 9	2559	20	10 Mar
Gas 9	Gas 11	2561	20	10 Mar
Gas 9	Gas 15	2565	20	10 Mar
Gas 9	Gas 16	2566	20	10 Mar
Gas 14	Gas 14	2564	20	10 Mar
Gas 14	Gas 17	2567	20	10 Mar
Gas 14	Gas 18	2654	20	5 Aug
Gas 14	Gas 19	2655	20	5 Aug
Gas 14	Gas 20	2656	20	5 Aug
Gas 1	Fortune 1	2489	20	10 Dec
Gas 1	Gas 1	2551	20	10 Mar
Gas 1	Gas 2	2552	20	10 Mar
Gas 1	Gas 4	2554	16	10 Mar
Gas 1	Gas 6	2556	16	10 Mar
Total 19			360	

14. References

Bowen, B.K., Prospecting and Soil Geochemical Surveys on the Gaspard Lake Property.

Cartwright, P.A., Petersen, D.E., 1990, Report on the Reconnaissance Geophysical Survey on the Gaspard Lake Property; Assessment Report no. 19884.

Cartwright, P.A., Petersen, D.B., 1990, Report on the Detailed Geophysical Survey on the Gaspard Lake Property.

Harris, F.R., 1988, 1988 Property Report; Canamax Resources Inc. Report.

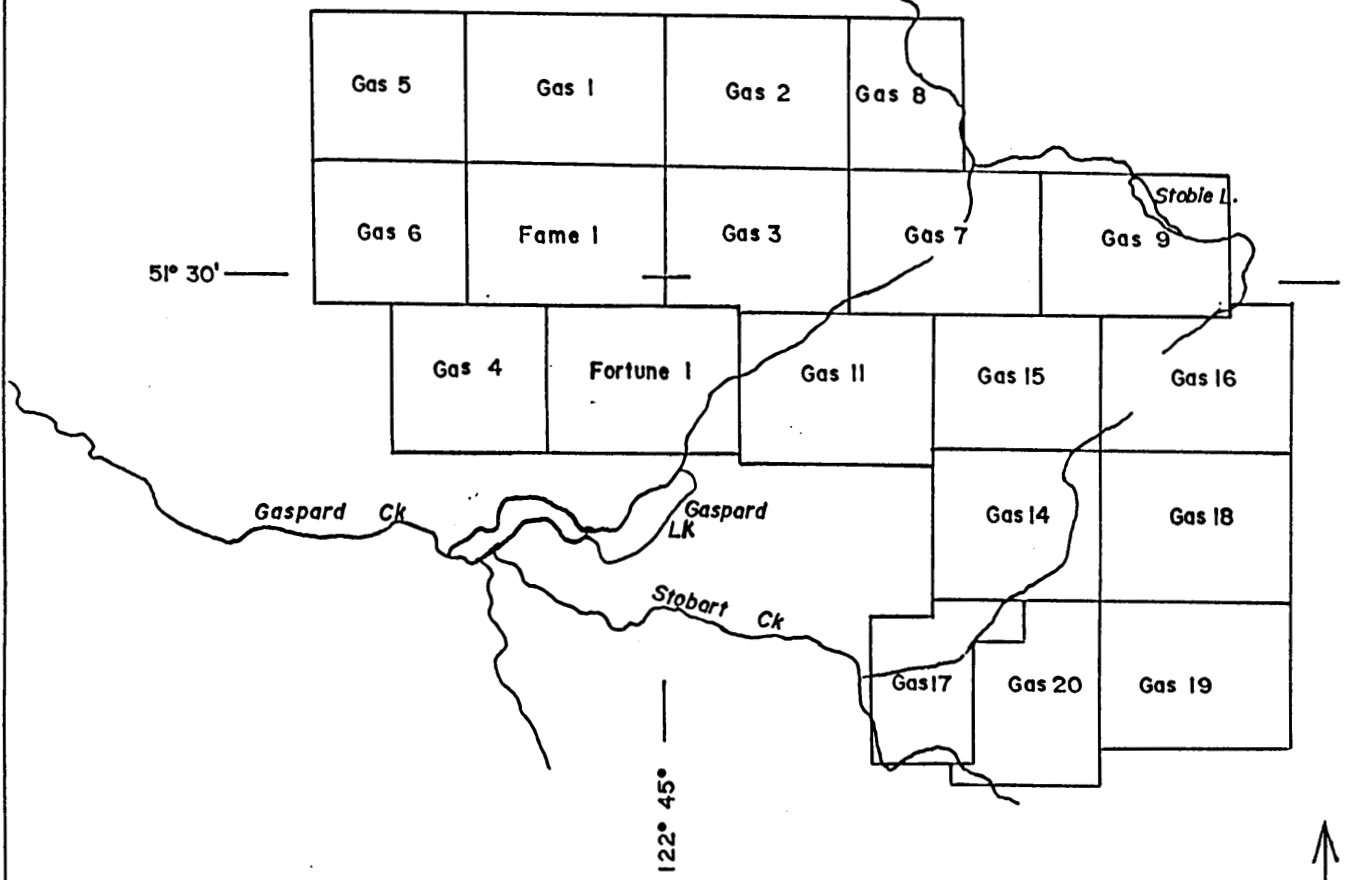


Fig 2

*S. Petersen*

CLAIM MAP

NTS 920/7,10

Appendix I

Diamond Drill Logs.

PROJECT Gaspard Lake HOLE No 90-1 LOCATION Twilight Zone PAGE 1 OF 3  
 DATE STARTED 17 Sept 1990 DATE COMPLETED 20 Sept 1990 CLAIM NO. FAME 1 COLLAR LAT. 75 S DEP. OE  
 DRILLED BY Phil's Diamond Drilling CORE SIZE NQ w/line ELEV. \_\_\_\_\_ AZIMUTH 140°  
 LOGGED BY D. B. Petersen DIP TESTS 124.1m = 42 1/2° DIP -45° LENGTH 124.1m  
 OBJECT To Test VLF Resistivity Anomaly HOR. PROJ. 86.9m VERT. PROJ. 86.9m

METERAGE		DESCRIPTION	SAMPLING				All ppb
FROM	TO		SAMPLE No	FROM	TO	M	
0	15	<u>Overburden</u>					
15	19.6	<u>0-15 Till, sand</u> <u>Andesite</u> , Green-brown colour, H 4-5, f.g (fine-grained) matrix (80%), ragged clasts (20%) of grey felspar from 1-6mm. Patchy s/w (stock- work) of quartz and quartz-calcite str (stringers) approx 1mm thick, approx 5cm spacing.					
20.8	25.1	<u>19.6-20.8 Sand</u> <u>Andesite Breccia</u> , Green, H5, 30% f.g. matrix, 70% clasts of diorite, grey felspar 1-9cm size.					
25.6	29.5	<u>25.1-25.6 Sand</u> <u>Andesite Breccia</u> , Green, H6, 30% f.g matrix 70% fragments from 2-6mm (pale grey rounded felspar, occasional fragments black hornblende) Occasional milky qtz (quartz) str (stringers), 2mm thick @ 80° to c-axis (core axis). Mod weathering along fractures.					
29.5	50.7	<u>Andesite</u> Green, H7 95% f.g matrix, 5-15% grey-white, rounded pheno's (phenocrysts) of felspar to 2mm.	39001	28	29	1.0	1
		30.1 Fault, filled with sand	002	33	34	1.0	93
		31.0 - 33.5 int (intense) weathered on fracture surfaces	003	37	38	1.0	4
		32.5 - 33.5 Fault, crumbly blocky limonitised gge (gouge)					
		33.5 - 33.9 <u>Epithermal Quartz Veins</u> , 0° to c-axis, drusy uggy veinlets, anastomised and laced, to 2mm	Sludge				
		33.9 - 38.6 Occ (occasional) uuggy qtz str approx 50cm spacing @ 45° to c-axis, 1-2mm thick	39060	29.6	32.6	3.0	26
			061	32.6	35.6	3.0	25

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
50.7	53.7	38.6-39.5 qtz s/work (stockwork), andesite brecciated, light brown colour -	39004	39	39.5	0.5	3
		39.5-40.0 Fault, sand, gge, 45° to c/axis -	005	44	45	1.0	67
		40.0-43.5 wisps calcite, random orientation	006	47	48	1.0	2
		43.0-43.5 brecciated, with weathered qtz filling	007	50	51	1.0	4
		50.7 20cm weathered s/work.					
		53.5 20cm Fault, crumbly weathered gge -					
		<u>Andesite Breccia</u>	008	53	54	1.0	7
		30% f.g. matrix 70% angular and sub-rounded clasts of diorite and felspar -	009	55	56	1.0	2
		<u>Andesite</u>	010	58	59	1.0	1
		Green, H5, 70% f.g matrix, 30% felspar pheno's to 2mm	011	61	62	1.0	1
		56.3-57.2 blocky ground (fault?) Occ str calcite, random orientation	012	64	65	1.0	1
		61	63.4	<u>Andesite</u>	Sludge		
H6, light grey (silicified?) 85% light grey, f.gr matrix, 15% white felspar pheno's to 3mm -	39062			38.7	41.7	3.0	2
Poor recovery (fault zones?) in weathered zones as follows: 29.6-32.6, 32.6-35.6, 38.7-41.1, 47.9-50.6, 53.9-56.1, 57.0-60.1, 63.1-66.2. Sludge collected and sent for assaying -	063			47.9	50.9	3.0	100
<u>Andesite</u>	064			53.9	57.0	3.1	16
H5, green-brown, 70% f.g matrix, 30% clasts white and light brown felspar - Occ qtz and calcite str.	065			57.0	60.0	3.0	61
63.4-72.3 broken and rubbly, int weathering. Fractures @ 2-5cm spacing @ 70° to c/axis, limonitised -	066			63.1	66.2	3.1	5
66-67.2 50% recovery-rubble -	067			84.5	87.5	3.0	3
72.3-79 improved recovery, mod weathered -	068			99.7	102.7	3.0	2
79-84 patchy int weathering	39013			66	67	1.0	4
<u>Andesite</u>	014			67	68	1.0	1
H7 grey, silicified, 70% f.g dk grey matrix, 30% white felspar, pheno's to 2mm, Green colour where weathered	015			68	69	1.0	2
79-89.9 patchy rubbly int weathering	016			69	70	1.0	2
	017	70	71	1.0	2		
	018	71	72	1.0	5		
	019	72	73	1.0	1		
	020	73	74	1.0	1		
	021	74	75	1.0	1		
	022	75	76	1.0	1		
	023	76	77	1.0	4		
75	103						

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
		78.3-80 Epithermal qt <sub>3</sub> vein system vuggy veins approx 2mm width with intervening s/work	39024	77	78	1	1		
			25	78	79	1	3		
			26	79	80	1	1		
		82-82.8 Epithermal qt <sub>3</sub> vein system weathered and corroded; narrow veinlets and microfractures	27	80	81	1	4		
			28	81	82	1	4		
			29	82	83	1	4		
		83.5 20cm blocky int weathered.	30	83	84	1	1		
			31	84	85	1	3		
		87.5-88.8 Fault, crumbly clayey gge and fractured andesite chips. H2 - Numerous qt <sub>3</sub> fragments	32	85	86	1	3		
			33	86	87	1	3		
			34	87	88	1	5		
		89.4, 90.2 qt <sub>3</sub> -cal veins @ 70°, 1cm wide	35	88	89	1	20		
		90.5-90.8 Epithermal qt <sub>3</sub> vein system. Vuggy qt <sub>3</sub> vnlts and micro s/work	36	89	90	1	25		
			37	90	91	1	12		
		92.6 vuggy qt <sub>3</sub> vein @ 80° to c/laxis, 5cm	38	91	92	1	8		
			39	92	93	1	11		
		93.1-93.5 Qt <sub>3</sub> s/work, laced	40	93	94	1	9		
		94.3-94.7 Qt <sub>3</sub> s/work, laced	41	94	95	1	3		
		95 5cm vuggy vein system.	42	95	96	1	10		
		96.2-96.6 Qt <sub>3</sub> s/work	43	96	97	1	4		
		97.7 Vuggy qt <sub>3</sub> vein @ 45°, 5mm.	39044	97	98	1	2		
		100 10cm Epithermal qt <sub>3</sub> vein system, drusy vuggy @ 45° claxis.	45	98	99	1	2		
			46	99	100	1	33		
		100.8 20cm Epithermal qt <sub>3</sub> vein system. Vnlts and s/work	47	100	101	1	3		
			48	101	102	1	2		
		102-102.8 broken, rubbly core	49	102	103	1	2		
		103-105.5 clasts red hematite.	50	103	104	1	2		
103	124.1	<u>Andesite</u>	51	106	107	1	4		
		dk green H7, 65% f.g. matrix, 35% felspar pheno's	52	108	109	1	2		
		105.8 Qt <sub>3</sub> vein system? 10cm corroded weathered @ 45°.	53	110	111	1	6		
			54	112	113	1	5		
			55	115	116	1	4		
			56	117	118	1	3		
	124.1	End of Hole	57	119	120	1	3		
			58	121	122	1	4		
			59	123	124	1	3		

PROJECT Gaspard Lake HOLE No 99-2 LOCATION Twilight Grid PAGE 1 OF 4  
 DATE STARTED 21<sup>st</sup> Sept 1990 DATE COMPLETED 25<sup>th</sup> Sept 1990 CLAIM NO. FAME 1 COLLAR LAT. 1675 DEP. 0 E  
 DRILLED BY Phil's Diamond Drilling CORE SIZE NQ2 / w/L ELEV. \_\_\_\_\_ AZIMUTH 320°  
 LOGGED BY D B Petersen DIP TESTS 53° @ 136.3m DIP -58° LENGTH 139.4m  
 OBJECT To test VLF Resistivity Anomaly HOR. PROJ. 77m VERT. PROJ. 116m

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
0	6.5	<u>Overburden</u>					
6.5	36	<u>Sand, till - Andesite</u>					
		<u>med green, H6, 70% f.g (fine grained) matrix, 30% subround ed feldspar phenos (phenocrysts) -</u>	39069	7	8	1	4
		<u>6.5-19 Int (intense) weathering on fracture surfaces -</u>	070	8	9	1	3
		<u>9.2-12 Andesite silicified, glassy -</u>	071	9	10	1	1
		<u>9.5-10.7 Epithermal quartz (qtz) vein system. Vuggy qtz vnlts (veinlets) with minor cal (calcite) to 3mm width with flanking qtz str slwork (stockwork)</u>	072	10	11	1	5
			073	11	12	1	2
			074	12	13	1	7
			075	13	14	1	1
			076	14	15	1	3
			077	15	16	1	2
			078	16	17	1	1
		<u>10.2 Calcite vein 1 1/2 cm width @ 70° to c/axis</u>					
		<u>15.9 qtz vnlts 3mm @ 45° -</u>					
		<u>12-16.5 Andesite, H5 1/2</u>	079	17	18	1	3
		<u>16.5-17.3 Silicified, broken rubble core -</u>	080	18	19	1	1
		<u>16.8-17.2 Epithermal qtz vein system. Vuggy qtz vnlts to 3mm @ 60° with flanking qtz str (stringers)</u>	081	19	20	1	3
			082	20	21	1	3
		<u>19-33 Moderate weathering on fracture surfaces -</u>	083	21	22	1	1
		<u>20-30cm broken rubble core, corroded qtz veins</u>	084	22	23	1	1
		<u>23-24 Andesite dk green colour.</u>	085	23	24	1	1
		<u>24- Andesite, patchy green-brown.</u>	086	24	25	1	1
		<u>24.5 Vuggy qtz vnlts, 3mm @ 30° -</u>	087	25	26	1	1
		<u>25-25.8 Approx 6 qtz vnlts corroded and weathered to 3mm core badly broken and sheared -</u>	088	26	27	1	2
		<u>25.8 Fault, with clayey, gge @ 30°</u>					
		<u>25-27 Core badly broken, int weathering, corroded qtz vns on fracture surfaces -</u>	089	27	28	1	1
			090	28	29	1	2
		<u>28 Fault, 10cm @ 45°, gge and sand -</u>					
		<u>27.9-28.3 Badly weathered and fractured.</u>					
		<u>27.7 qtz vnlts @ 30°</u>					
		<u>28.5-31.2 Andesite, silicified</u>					



METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
36	57.5	28.7-31.1 Epithermal qtz vein system, 5 vuggy qtz vnlt's to 4mm @ 70° with flanking slwork.	39091	29	30	1	4		
			92	30	31	1	1		
			93	31	32	1	660		
			94	32	33	1	2		
			95	33	34	1	1		
			96	34	35	1	2		
			97	35	36	1	45		
			98	36	37	1	6		
			99	37	38	1	2		
				Andesite Flow Breccia, Dark grey-green, H5, 60% coarse matrix, 40% clasts ragged angular feldspar pheno's to 10mm and diorite to 2cm. Faint flow banding.					
	33	2 qtz vnlt's 45° & 60°, corroded, weathered							
	34.2-36.2	Silicified andesite. Epithermal qtz vein system 6 qtz vnlt's @ varying angles with flanking slwork.							
	39-42.7	Silicified, H4½, texture obscured	100	38	39	1	5		
	39.5	qtz vein @ 45°, 5mm thick	101	39	40	1	3		
	39.7-40.8	Epithermal qtz vein system @ 45°. Two vuggy 1cm thick qtz veins with weak intervening slwk. Upper vein corroded and weathered.	102	40	41	1	3		
	33-86	Weak weathering on fracture surfaces.	103	41	42	1	3		
	41-41.9	Fault, rubble, broken core, minor gge.	104	42	43	1	6		
	42.2-42.4	Epithermal qtz vein system, vuggy vnlt's @ 70° to 2mm.	105	43	44	1	1		
			106	44	45	1	3		
	45.7-45.9	20cm andesite dyke, brown, f.g. @ 70°; H6	107	45	46	1	1		
	45.9	2cm vuggy qtz vein @ 70°.	108	46	47	1	1		
	47.1	10cm Epithermal qtz vein, vuggy, vitreous and drusy @ 45°.	109	47	48	1	2		
			110	48	49	1	3		
	48.6, 49, 49.6, 49.8,	narrow, vuggy qtz vnlt's, with slwork, weak silification.	111	49	50	1	1		
			112	50	51	1	1		
			113	51	52	1	1		
			114	52	53	1	1		
			115	53	54	1	4		
			116	54	55	1	1		
			117	55	56	1	1		
57.5		Andesite, Dark green, H6½, 65% fg matrix, 35% sub-angular feldspar pheno's to 2mm. Contact @ 60°							
	53.9-54.5	Epithermal qtz slwork system, slwork							

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
		with no unts - minor vugs -	39118	56	57	1	1
56.5-57		Wk epithermal qtz s/work system.	119	57	58	1	890
57		Fault, 30cm	120	58	59	1	1
			121	59	60	1	1
57.5-58.5		Occ qtz unts, vuggy.	122	60	61	1	2
59		30cm Epithermal qtz vein system, vuggy unts to 2mm thick and s/work. Weakly corroded, mod weathered.					
62		Fault, 10cm, clayey gge					
62.6		10cm Epithermal qtz vein system. Qtz unlt 3mm thick @ 45° and weak s/work.					
63.6		Epithermal qtz vein system, qtz unlt 3mm @ 20° plus weak s/work, blocky, mod weathered.	39123	61	62	1	1
			124	62	63	1	2
66.5		Qtz unlt @ 45°, 2mm	125	63	64	1	1
68 and 69		Epithermal qtz vns, vuggy, 10cm each @ 45°	126	64	65	1	1
72.3		Qtz unts 10cm @ 45°, corroded -	127	65	66	1	1
			128	66	67	1	1
74.5-75.6		Epithermal qtz vein system unts to 2mm @ 45° + 70° and s/work. Weakly corroded -	129	67	68	1	2
			130	68	69	1	2
60-86		Weak weathering on fracture planes. Occ patchy mod and intense	131	69	70	1	1
			132	70	71	1	1
78.2-78.5		Andesite Flow Breccia, as 36-57.5.	133	71	72	1	1
78.2-78.5		Epithermal qtz vein system. Vuggy qtz stris and intervening s/work. Weakly weathered -	134	72	73	1	2
			135	73	74	1	4
79.0-79.5		Fractured, blocky weathered -	136	74	75	1	1
79.5		Fault, 20cm, clayey gge @ 45° @ 50°	137	75	76	1	1
79.7-80.2		Epithermal qtz vein system. Vuggy qtz unts and s/work - weakly weathered -	138	76	77	1	7
			139	77	78	1	1
81.3-81.5		Epithermal qtz vein system @ 40°. Vuggy qtz unts and s/work -	140	78	79	1	2
			141	79	80	1	410
85-85.5		Broken, rubbly core -	142	80	81	1	57
86-96		Broken rubbly core increasing with depth. Int weathering on fracture surfaces -	143	81	82	1	19
			144	82	83	1	10
			145	83	84	1	2
89.5-89.7		Epithermal qtz vein system -	146	84	85	1	8
91.5-91.7		Epithermal qtz vein system -	147	85	86	1	32
93.3-93.4		" " " "	148	86	87	1	28

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
	96.6-103.4	Fault, H1, grey, clayey gge	39149	87	88	1	3		
	103.4-108.2	Broken, blocky, rubble core	150	88	89	1	12		
	103.4-108	Occ qtz str, approx 1mm @ 50°	151	89	90	1	28		
	106.1	10cm qtz slwork	152	90	91	1	8		
	106.5	10cm qtz slwork	153	91	92	1	6		
	108.3-108.6	calcite str, no preferred orientation	154	92	93	1	5		
	109-111.5	Occ calcite str with chlorite, 1mm	155	93	94	1	3		
	113-117	Occ calcite str in clusters, weak chlorite	156	94	95	1	1		
	108.2-116.5	Core fractured some solid sections some rubble sections	157	95	96	1	8		
	116.5-118	Fault, broken rubble core, occ gge in patches	158	96	97	1	14		
	118-124	Occ calcite str	159	97	98	1	5		
	124.3-125	Fault, clayey gge.	160	98	99	1	38		
	125.3-130	Broken rubble core	161	99	100	1	14		
	127-139.4	Felspar phen's, light green chloritized	162	100	101	1	7		
	135.8-139.4	Patches of broken, rubble, faulted rock -	163	101	102	1	11		
139.4		End of Hole	164	103	104	1	11		
			165	105	106	1	2		
			166	107	108	1	1		
			167	109	110	1	3		
			168	111	112	1	3		
			169	113	114	1	1		
			170	115	116	1	4		
			171	117	118	1	7		
			172	119	120	1	2		
			173	121	122	1	4		
			174	123	124	1	1		
			175	125	126	1	3		
			176	127	128	1	1		
			177	129	130	1	2		
			178	131	132	1	4		
			179	133	134	1	1		
			180	135	136	1	5		
			181	137	138	1	3		

PROJECT Gaspard Lake HOLE No 90-3 LOCATION Discovery Grid PAGE 1 OF 3  
 DATE STARTED 26 Sept 1990 DATE COMPLETED 28 Sept 1990 CLAIM NO. FAME 1 COLLAR LAT. 510 S DEP. 550 E  
 DRILLED BY Phil's Diamond Drilling CORE SIZE NQ2/wline ELEV. \_\_\_\_\_ AZIMUTH 320°  
 LOGGED BY D. B. Petersen DIP TESTS 124.1m = 48° DIP -50° LENGTH 124.1m  
 OBJECT To Test VLF Resistivity Anomaly HOR. PROJ. 78m VERT. PROJ. 92m

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
0	20.4	<u>Overburden,</u> TILL	39182	26	27	1	2
			183	27	28	1	3
20.4	23.5	<u>Sub-Crop</u>	184	28	29	1	3
		Broken, int (intensely) weathered gravelly bedrock	185	29	30	1	10
23.5	25.8	Rubby, broken andesite, int weathered Occ (occasional) qtz (quartz) str (stringers).	186	30	31	1	1
			187	31	32	1	4
25.8		<u>Andesite</u>	188	32	33	1	9
		Grey, silicified, H6-7, 80% fg matrix, 20% small white phen's to 2mm.	189	33	34	1	1
		26-29 mod (moderate) weathered.	190	34	35	1	5
		29-48 Sericite, f.g, disse (disseminated) to 2%.	191	35	36	1	3
		26.5-35.6 Qtz (quartz) vein system, irreg (irregular) qtz unts (veinlets) and str, no sulphides, @ low angle to c-axis (core axis). Occ vugs.	192	36	37	1	3
		29.6 Fault, 10cm crumbly grey gge (gouge) @ 40°	193	37	38	1	1
		35.6 Occ minor qtz str and unts.	194	38	39	1	1
		39.0 Fault, 20cm crumbly grey gge @ 45°	195	39	40	1	1
		45-46.3 Qtz unts and str s/wrk, minor epidote flanking unts.	196	40	41	1	17
		47-48.5 Calcite str to 1mm	197	41	42	1	2
		48.7 Fault, 10cm clayey, sandy, grey gge	198	42	43	1	1
		49-50 Qtz unts and str s/wrk, random orientation, wk epidote.	199	43	44	1	2
		51, 53.2, 54.2 qtz unts @ 40° to 3mm, wk epidote envelope. Light green colour, silicification with 30cm wide envelopes.	200	44	45	1	3
		56-58.6 Epithermal qtz vein system. Unts qtz @ 40°, some vuggy, and s/wrk, weak epidote.	201	45	46	1	1
		59.6, 61.4, 62.5 Qtz unts, 3mm @ 40°, weak epidote.	202	46	47	1	1
			203	47	48	1	2
			204	48	49	1	1
			205	49	50	1	1
			206	50	51	1	1
			207	51	52	1	4
			208	52	53	1	1
			209	53	54	1	1
			210	54	55	1	2
			211	55	56	1	2
			212	56	57	1	1
			213	57	58	1	1

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
	62.9	10cm crenulated qtz str	39214	58	59	1	3		
	63.4-64.2	Qtz vnt system, qtz vnlts some vuggy @ 40°, intruding calcite and epidote vnlts, often gougy.	215	59	60	1	1		
			216	60	61	1	1		
			217	61	62	1	1		
	65-67	Qtz-calcite fracture system. Vnlts and short gashes of qtz and calcite @ 40° to 70°, often crenulated.	218	62	63	1	2		
			219	63	64	1	1		
	68.1-70.7	Fault, grey clayey gge, H1, containing qtz and calcite gashes.	220	64	65	1	1		
			221	65	66	1	1		
			222	66	67	1	1		
	70.7-78.0	Andesite, silicified, light green colour, H7, in patches, several calcite str approx 2mm.	223	67	68	1	4		
			224	68	69	1	2		
	78.0-79.1	Fault, partly brecciated, partly ggy, (H3).	225	69	70	1	2		
	79.1-83	Andesite, sericitised, HS <sup>1/2</sup> , occ wisps and clots v.f.g. pyrite + chalcopirite (cpy). Occ str qtz calcite.	226	70	71	1	3		
			227	71	72	1	3		
	83-87.5	Fault, grey-white gge, H2, in patches. Occ wisps and gashes calcite and qtz.	228	72	73	1	3		
			229	73	74	1	2		
			230	74	75	1	4		
	87.5-100	Andesite, sericitised, HS <sup>1/2</sup> .	231	75	76	1	2		
	70.5-100	Chlorite-pyrite str.	232	76	77	1	3		
	92.7	Epithermal qtz vein system, vuggy qtz vnlts @ 40° and weak s/work.	233	77	78	1	1		
			234	78	79	1	1		
	94-95	Gashes qtz and calcite.	235	79	80	1	2		
	99.5	Crushed zone, fg dissem pyr.	236	80	81	1	2		
			237	81	82	1	1		
	100.7-102	Qtz vein system, 2mm irreg crenulated qtz veins, @ approx 30° and wisps gashes qtz.	238	82	83	1	1		
			239	83	84	1	3		
	104.6	Qtz-calcite vein, 1cm @ 30°.	240	84	85	1	1		
	105.9-106.5	Qtz vein system, vnlts and s/work.	241	85	86	1	2		
	106.5-108.7	Occ qtz str @ 40°.	242	86	87	1	1		
	108.7-109.3	Epithermal qtz vein system, qtz str to 5mm.	243	87	88	1	2		
	109.3-112.2	Fault, crumbly, clayey gge.	244	88	89	1	1		
			245	89	90	1	1		
	112.2-118.2	Andesite, weakly to mod brecciated, patchy light green silicification. Qtz and calcite str along fracture planes, cutting chlorite str - wk dissem pyr.	246	90	91	1	1		
			247	91	92	1	2		
			248	92	93	1	2		
	115	50cm Fault, crumbly, sandy gge. Contacts @ 40°.	249	93	94	1	3		
	118.2-120	Fault, crumbly, clayey, sandy gge, minor qtz gashes.	250	94	95	1	3		
	120-124.1	Andesite, brecciated cut by qtz gashes, some vuggy - wk dissem. pyr.	251	95	96	1	1		
			252	96	97	1	1		
			253	97	98	1	1		
124.1		End of Hole	254	98	99	1	9		
			255	99	100	1	1		

PROJECT Gaspard LakeHOLE No. 90-3PAGE 3 OF 3

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
			39256	100	101	1	1		
			257	101	102	1	5		
			258	102	103	1	2		
			259	103	104	1	7		
			260	104	105	1	5		
			261	105	106	1	5		
			262	106	107	1	8		
			263	107	108	1	5		
			264	108	109	1	46		
			265	109	110	1	120		
			266	110	111	1	6		
			267	111	112	1	5		
			268	112	113	1	14		
			269	113	114	1	11		
			270	114	115	1	2		
			271	115	116	1	5		
			272	116	117	1	2		
			273	117	118	1	3		
			274	118	119	1	4		
			275	119	120	1	51		
			276	120	121	1	13		
			277	121	122	1	5		
			278	122	123	1	3		
			279	123	124	1	6		

PROJECT Gaspard Lake HOLE NO 90-4 LOCATION Kelsch Grid 1500E 265 S PAGE 1 OF 4  
 DATE STARTED 30 Sept 1990 DATE COMPLETED 8 Oct 1990 CLAIM NO. FAME 1 COLLAR LAT. 265 S DEP. 1500 E  
 DRILLED BY Phil's Diamond Drilling CORE SIZE NQ 7/w/line ELEV. \_\_\_\_\_ AZIMUTH 140°  
 LOGGED BY D. B. Petersen DIP TESTS 48° @ 171.4 m DIP -50° LENGTH 177.5 m  
 OBJECT To Test Two VLF Resistivity Anomalies HOR. PROJ. 116 m VERT. PROJ. 136 m

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
0	21	<u>Overburden</u> Sand, till, small boulders	39280	21	22	1	1		
21	50	<u>Andesite</u> Dark green glassy, H7, 90% dark green, glassy, matrix 10% light grey felspar phenos (phenocrysts) to 2mm - Very wk (weak) weathering - 21.9 10cm qtz (quartz) - chlorite vein @ 70° 25.5 - 29.8 wkly brecciated andesite, qtz str (string- ers) and gashes, filling fracture planes. Qtz opaque, X-cutting relationships visible. 27.5 20cm qtz-chlorite vnls (veinlets) @ 70° 29.8 - 36 Few opaque qtz str - 36 - 37.5 Andesite wkly brecciated - Qtz s/work (stock work) system. Wall rock inclusions in vnls. Qtz in gashes and irreg str along fracture planes. 21-32.6 Core blocky and fractured (85%). Few (15%) solid sections. 32.6 - 46.0 Generally solid. Occ (occasional) blocky fractured sections. 46.0 - 51 Blocky, fractured. Poor recov (recovery) 60% in worst sections. 37.5 - 51 Occ qtz vnls to 4mm @ 45° and microstrs on fracture planes. Occ calcite str, Qtz milky occ with epidote. 43-51 Reddish-brown str, H3, streak white, to 1mm along fracture planes (rhodocrosite?) often with calcite.	281	22	23	1	1		
			282	23	24	1	1		
			283	24	25	1	1		
			284	25	26	1	1		
			285	26	27	1	1		
			286	27	28	1	1		
			287	28	29	1	1		
			288	29	30	1	2		
			289	30	31	1	2		
			290	31	32	1	1		
			291	32	33	1	1		
			292	33	34	1	2		
			293	34	35	1	2		
			294	35	36	1	1		
			295	36	37	1	1		
			296	37	38	1	1		
			297	38	39	1	1		
			298	39	40	1	1		
			299	40	41	1	3		
			300	41	42	1	3		
			301	42	43	1	2		
			302	43	44	1	2		
			303	44	45	1	1		
			304	45	46	1	2		
			305	46	47	1	2		
			306	47	48	1	1		
			307	48	49	1	1		
			308	49	50	1	1		
			309	50	51	1	2		
			310	51	52	1	1		

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
50	177.5	51-59 Fault, grey clayey gge (gauge), H1, alternating with very blocky broken andesite. Fault contains frags (fragments) of qtz mineralisation.	39 311	52	53	1	1		
		312	53	54	1	1			
		313	54	55	1	3			
		314	55	56	1	1			
		315	56	57	1	2			
		316	57	58	1	1			
		317	58	59	1	1			
		318	59	60	1	5			
		319	60	61	1	2			
		320	61	62	1	3			
		321	62	63	1	3			
		322	63	64	1	5			
		323	64	65	1	1			
		324	65	66	1	3			
		325	66	67	1	1			
		326	67	68	1	2			
		327	68	69	1	4			
		328	69	70	1	4			
		329	70	71	1	1			
		330	71	72	1	2			
331	72	73	1	3					
332	73	74	1	9					
333	74	75	1	4					
334	75	76	1	16					
335	76	77	1	2					
336	77	78	1	4					
337	78	79	1	3					
338	79	80	1	1					
339	80	81	1	2					
340	81	82	1	2					
341	82	83	1	1					
342	83	84	1	2					
343	84	85	1	2					
344	85	86	1	4					
345	86	87	1	2					
		51.4 Qtz-chlorite vein, 6cm @ 45°							
		49.7-50.7 well developed micro-s/work qtz.							
		<u>Andesite</u> , As above, but green in colour, H7, f. grained, <10% pheno's.							
		55.5-62.1 well developed Δ (breccia) s/work out by fault. Approx 5% qtz str.							
		59-60 Alternate blocky and short solid sections.							
		60.5-61.5 Fault, sand chips of andesite with qtz str.							
		62.5-63.3 Fault, sand chips of andesite with qtz str.							
		64.5-65.7 Fault, blocky, sandy chips of andesite							
		62.1-65 Weak qtz unts with minor s/work.							
		67-69.2 Fault, blocky sandy andesite with minor clayey gge.							
		65-70.5 Well developed s/work and qtz unts (crenulated) Andesite mod fractured - 8% qtz.							
		72-72.7 Fault, light grey broken rubble, some clayey gge							
		70-72.7 Weaker unit and s/work system							
		72.7-76 Increased Δ, well developed s/work system							
		73.5-74 Fault, blocky, pebbly, sandy, minor gge.							
		74.5-74.8 Fault, " " " qtz str.							
		76-83 Fault, broken, pebbly, grey gge with qtz str frags.							
		84-86.5 Fault, blocky, broken core, occ ggy patches with qtz str frags.							
		87-91 Mod qtz unit system. Unts with no s/work.							
		91-94 Mod qtz unts + patchy s/work, occ vugs.							
		91.5-94.7 Blocky							
		85.3 20 cm Graphitic Andesite, H1, black,							



METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
	94-103	patchy weak qtz vnlt, vweak s/work, occ vuggy.	39346	87	88	1	1		
	104-109 $\frac{1}{2}$	increase in qtz vnlt, crenulated, to 10mm, and s/work vuggy. Approx 10% qtz.	347	88	89	1	3		
			348	89	90	1	2		
	102-109	blocky sections.	349	90	91	1	1		
			350	91	92	1	1		
	116.8-117	Fault, pebbly, clayey gge.	351	92	93	1	3		
	117-120.8	Purple Andesite, H6, fg glassy matrix.	352	93	94	1	2		
	100-117	Int. silicification, light green, H7, texture obliterated, glassy.	353	94	95	1	3		
			354	95	96	1	7		
	110-112	wk qtz mineralisation, vnlt	355	96	97	1	4		
	112-116	qtz-epidote vnlt to 5cm and wk s/work.	356	97	98	1	2		
	117-120	wk qtz gashes @ 40°	357	98	99	1	1		
			358	99	100	1	1		
	120-123	v wk qtz vnlt	359	100	101	1	3		
	123-134	Andesite, silicified, light green, H7.	360	101	102	1	1		
		Int qtz veins, vnlt and s/work system, qtz opaque, 20% qtz, occ knotted, occ calcite vuggy. Occ epidote str cut by qtz veins, to 2cm @ varying angles to c/axis	361	102	103	1	1		
			362	103	104	1	3		
			363	104	105	1	1		
			364	105	106	1	1		
	122.5-123.5	v. blocky	365	106	107	1	2		
	125	50cm v. blocky	366	107	108	1	3		
	126-127	blocky, some gge	367	108	109	1	1		
	128.5-132.5	intermittently blocky	368	109	110	1	2		
	135.3-135.7	blocky	369	110	111	1	1		
	136.7-137	blocky	370	111	112	1	1		
	134-137.7	patchy qtz vns, vnlt, wk s/work, occ knots, few vugs	371	112	113	1	2		
	137.7-138.4	Purple Andesite, H6, purple-black colour, fine grained. No pheno's.	372	113	114	1	1		
	141.3-144.4		373	114	115	1	1		
	148.7-149.2		374	115	116	1	2		
	150.2-150.5		375	116	117	1	3		
	152.8-153.3		376	117	118	1	1		
	159.5-162.4		377	118	119	1	3		
	164.5-168.2		378	119	120	1	4		
	138.8-140.4	wk clayey gge and blocky.	379	120	121	1	3		
	144.5-147	blocky patches	380	121	122	1	4		
	149-149.6	blocky	381	122	123	1	9		
	151.6-152	"	382	123	124	1	1		
	153-159	qtz veinlet and s/work system, approx 8% qtz,							

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
		qtz vnlts to 4mm @ 70° with actinolite(?) envelopes contorted and occ knotted -	39383	124	125	1	1
		159 - 159.6 blocky	384	125	126	1	11
		160 - 172 Qtz vein system, approx 6% qtz, qtz vnlts to 3mm contorted, with actinolite(?), minor calcite -	385	126	127	1	11
		172 - 173.5 ] Graphitic Andesite, black, H2 flaky, with inclusions of andesite and cut by occ qtz vnlts.	386	127	128	1	2
			174.2 (10 cm)	387	128	129	1
		177.1 (40 ")	388	129	130	1	3
		171 - 172 blocky	389	130	131	1	8
		173.5 - 177.5 qtz and calcite vnlts and Δ s/work filling	390	131	132	1	3
		End of Hole	391	132	133	1	2
			392	133	134	1	8
			393	134	135	1	2
			394	135	136	1	2
			395	136	137	1	12
			396	137	138	1	1
			397	138	139	1	3
			398	139	140	1	11
			399	140	141	1	1
			400	141	142	1	3
			401	142	143	1	4
			402	143	144	1	5
			403	144	145	1	3
			404	145	146	1	3
			405	146	147	1	4
			406	147	148	1	1
			407	148	149	1	4
			408	149	150	1	2
			409	150	151	1	2
			410	151	152	1	1
			411	152	153	1	2
			412	153	154	1	1
			413	154	155	1	6
			414	155	156	1	3
			415	156	157	1	1
			416	157	158	1	1
			417	158	159	1	1
			418	159	160	1	1
			419	160	161	1	1
			420	161	162	1	1
			421	162	163	1	1
			422	163	164	1	3
			423	164	165	1	1
177.5							

Sampling				Au ppb
Sample No	From	To	m	
39424	165	166	1	2
425	166	167	1	1
426	167	168	1	1
427	168	169	1	1
428	169	170	1	6
429	170	171	1	3
430	171	172	1	1
431	172	173	1	1
432	173	174	1	4
433	174	175	1	3
434	175	176	1	1
435	176	177	1	1
436	26.5	29.6	3.1	4
437	29.6	32.6	3.0	1
438	38.7	41.8	3.1	1
439	50.9	54.0	3.1	1
440	115.0	118.0	3.0	1

Sludge ←

PROJECT Gaspard Lake HOLE No 90-5 LOCATION Kelsch Zone PAGE 1 OF 2  
 DATE STARTED 9 Oct 1990 DATE COMPLETED 12 Oct 1990 CLAIM NO. FAME 1 COLLAR LAT. 295 S DEP. 1500 E  
 DRILLED BY Phil's Diamond Drilling Ltd CORE SIZE NQ2/wline ELEV. \_\_\_\_\_ AZIMUTH 320°  
 LOGGED BY D.B. Petersen DIP TESTS @ 99.7m = 53° DIP -55° LENGTH 99.7m  
 OBJECT To test VLF Resistivity Anomaly HOR. PROJ. 58m VERT. PROJ. 81m

METERAGE		DESCRIPTION	SAMPLING				Au ppm		
FROM	TO		SAMPLE No	FROM	TO	M			
0	9	<u>Overburden</u> Sand and till.	39441	10	11	1	1		
9		<u>Andesite</u> Greenish grey colour, H 6 1/2, fg (fine grained) dk (dark) grey matrix, 5% white felspar pheno's (phenocrysts) to 1mm. Weakly sericitised.	442	11	12	1	3		
		9-53 core broken and rubbly, occ solid patches; poor recovery.	443	12	13	1	1		
		9-17 int (intense) weathered on fracture surfaces	444	13	14	1	2		
		17-20 weathering decreasing in int.	445	14	15	1	3		
		16-28 Qtz Vein System, qtz-epidote vas (veins) to 5cm thick and vnlts (veinlets), crenulated and occ knotted with v weak sl/work (stock work) in wisps. Veins + vnlts @ varying angles.	446	15	16	1	3		
		30-36 Qtz Vein System, qtz-chlorite veins to 5cm @ varying angles, v. weak wispy sl/work.	447	16	17	1	3		
		Qtz milky, occ calcite str.	448	17	18	1	3		
		35-35.5 Fault clayey gge (gouge)	449	18	19	1	11		
		38.7-39.0 " " "	450	19	20	1	3		
		42 10cm qtz-chlorite vein, milky	451	20	21	1	3		
		47-60 Calcite vnlts and str (stringers), approx 4%	452	21	22	1	5		
		62-65 Brecciated and ggy, calcite str.	453	22	23	1	8		
		<u>Purple Andesite</u> Purple colour, H 6, brecciated, 95% medium f.gr. matrix, 5% f.gr white pheno's.	454	23	24	1	3		
65.8	65.8	65.8-72.7 weak slwk of fine calcite str, occ qtz.	455	24	25	1	3		
			456	25	26	1	8		
			457	26	27	1	3		
			458	27	28	1	28		
			459	28	29	1	5		
			460	29	30	1	4		
			461	30	31	1	5		
			462	31	32	1	7		
			463	32	33	1	5		
			464	33	34	1	6		
			465	34	35	1	5		
			466	35	36	1	2		
			467	36	37	1	1		
			468	37	38	1	2		
			469	38	39	1	2		
			470	39	40	1	1		
			471	40	41	1	2		
			472	41	42	1	1		

METERAGE		DESCRIPTION	SAMPLING				Au ppb
FROM	TO		SAMPLE No	FROM	TO	M	
72.7	72.7	67.7-68.5 Fault, clayey gge	39473	42	43	1	1
		68.7-70.7 " broken rubbly rock, minor gge	474	43	44	1	1
99.7	99.7	<u>Andersite</u> , grey colour, H 6½, fgr grey matrix, 5% white felspar pheno's, weakly sericitised -	475	44	45	1	2
		73-77 fault, broken rubbly rock, gge zones.	476	45	46	1	3
		78-83.5 blocky, broken core -	477	46	47	1	1
		76-82 wk calcite s/work. str to 2mm @ varying angles.	478	47	48	1	2
		82-99.7 occ single calcite str to 2mm	479	48	49	1	2
		87-87.5 blocky	480	49	50	1	2
		End of Hole	481	50	51	1	1
			482	51	52	1	1
			483	52	53	1	1
			484	53	54	1	1
			485	54	55	1	1
			486	55	56	1	1
			487	56	57	1	1
			488	57	58	1	1
			489	58	59	1	1
			490	59	60	1	2
			491	60	61	1	1
			492	61	62	1	2
			493	62	63	1	1
			494	63	64	1	4
	495	64	65	1	2		
	496	65	66	1	1		
	497	66	67	1	2		
	498	67	68	1	3		
	499	68	69	1	1		
	500	69	70	1	1		
	51001	70	71	1	6		
	002	71	72	1	9		
	003	72	73	1	16		
	004	73	74	1	410		
	005	74	75	1	120		
	006	75	76	1	4		
	007	76	77	1	1		
	008	77	78	1	1		
	009	78	79	1	1		
	010	79	80	1	1		

Sampling				Au ppb
Sample No	From	To	M	
51011	80	81	1	1
012	81	82	1	1
013	82	83	1	1
014	83	84	1	1
015	84	85	1	6
016	85	86	1	1
017	87	88	1	1
018	89	90	1	1
019	91	92	1	3
020	93	94	1	1
021	95	96	1	1
022	97	98	1	1
023	99	100	1	1

PROJECT Gaspard Lake HOLE No 90-6 LOCATION Gas 18 Grid PAGE 1 OF 2  
 DATE STARTED 15 Oct 1990 DATE COMPLETED 18 Oct 1990 CLAIM NO. GAS 18 COLLAR LAT. 145 S DEP. 400 W  
 DRILLED BY Phil's Diamond Drilling Ltd CORE SIZE NQ2 w/line ELEV. \_\_\_\_\_ AZIMUTH 140°  
 LOGGED BY D. Petersen DIP TESTS - DIP -50° LENGTH 153.1 m  
 OBJECT To Test VLF Resistivity Anomaly on Gas 18 Claim HOR. PROJ. 94.5 m VERT. PROJ. 114.0 m

METERAGE		DESCRIPTION	SAMPLING				An ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
0	7.6	<u>Overburden</u>	51024	7	8	1	↑ Core split but not Analysed ↓		
		Sand and till.	025	9	10	1			
			026	11	12	1			
			027	13	14	1			
			028	15	16	1			
			029	17	18	1			
			030	19	20	1			
			031	21	22	1			
			032	23	24	1			
			033	25	26	1			
			034	27	28	1			
			035	29	30	1			
			036	31	32	1			
			037	33	34	1			
			038	35	36	1			
			039	37	38	1			
			040	39	40	1			
			041	41	42	1			
			042	43	44	1			
			043	45	46	1			
			044	47	48	1			
			045	49	50	1			
			046	51	52	1			
			047	53	54	1			
			048	55	56	1			
			049	57	58	1			
			050	59	60	1			
			051	61	62	1			
			052	63	64	1			
			053	65	66	1			
			054	67	68	1			
			055	69	70	1			
			056	71	72	1			
			057	73	74	1			
7.6	110	<u>Andesitic Agglomerate</u> Andesite H6-7, colour dark grey, approx 80% dark grey matrix, 20% grey-white feldspar phen's to 2mm 7.6-9 <u>Agglomerate</u> , 70% sub-angular to rounded clasts of grey andesite, green and brown chert, brown f.g. 12.3-13.6 dacite with hornblende phen's to 1mm - 15-16 Coarse agglomerate, cobbles to 10cm 17-18.2 Calcite str 3mm @ 20°. 19.2-11.2 Calcite str @ 20°, 3mm, 5mm - 21.7 3 qtz str @ 45° 22.2 Calcite str @ 30° 24.7 Qtz str, 3mm @ 10°. 25.3-28.3 <u>Agglomerate, coarse</u> 29-110 <u>Coarse Agglomerate</u> with short fine grained andesite sections. Agg includes dioritic feldritic clasts to 20 cm - 33.2 20cm calcite units vuggy @ 70° to 3mm 35-35.5 calcite units @ 65°. 36 knotted calcite str 46-48.4 occ cal str and slwork to 3mm, random orientz 48.5-49 cal str and slwork to 4mm, 10° to 20°. 50 cal str 8mm @ 90° 50.5 cal str 3mm 20° 52-66.5 occ cal str and slwork over short intervals							

METERAGE		DESCRIPTION	SAMPLING				Au ppb		
FROM	TO		SAMPLE No	FROM	TO	M			
110	153.1	70.7 - 71.3	qtz-calc spwork knotted crenulated unlt's	51058	75	76	1	↑ Core split but not analysed ↓	
		86.5 - 90.7	increasing amounts of small, angular breccia including diorite clasts -	059	77	78	1		
		87.4 - 87.7	knotted contorted calcite veins -	060	79	80	1		
		90.7 - 92.0	purple coloured andesite	061	81	82	1		
		90.7 - 91.5	calcite str's and wisps -	062	83	84	1		
		From 93	large clasts increasing to 110 m	063	85	86	1		
		110	100m knotted calcite unlt's	064	87	88	1		
		<u>Andesite</u>	Grey, H6½, 60% grey, f.g matrix, 40% white feldspar phen's to 2mm.	065	89	90	1		
		117	3 calcite veins to 3cm	066	91	92	1		
		From 92 to 153.1	occ calc unlt's @ 40°.	067	93	94	1		
		120 - 122	calcite str's @ 10° to 3mm, knotted, crenulated	068	95	96	1		
		123	calc unlt 2cm @ 80°	069	98	99	1		
		131 - 131.8	calc str's @ 90° to 3mm	070	99	100	1		
		136.5 - 137.5	crenulated calc str's	071	102	103	1		
		148.5 - 149.5	calcite wisps crenulated to 2mm	072	105	106	1		
		150.3 - 151	calcite, crenulated, spwork and unlt's	073	108	109	1		
		———— End of Hole ————		074	111	112	1		
				075	114	115	1		
				076	117	118	1		
				077	120	121	1		
		078	123	124	1				
		079	126	127	1				
		080	129	130	1				
		081	132	133	1				
		082	135	138	1				
		083	138	139	1				
		084	141	142	1				
		085	144	145	1				
		086	147	148	1				
		087	150	151	1				

Appendix II

Analyses

**GEOCHEMICAL ANALYSIS CERTIFICATE**

Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-4732 Page 1  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4 Attn: D.B. PETERSEN

SAMPLE#	AU* ppb
A 39001	1
A 39002	93
A 39003	4
A 39004	3
A 39005	67
A 39006	2
A 39007	4
A 39008	7
A 39009	2
A 39010	1
A 39011	1
A 39012	1
A 39013	4
A 39014	1
A 39015	2
A 39016	2
A 39017	2
A 39018	5
A 39019	1
A 39020	1
A 39021	1
A 39022	1
A 39023	4
A 39024	1
A 39025	3
A 39026	1
A 39027	1
A 39028	4
A 39029	7
A 39030	4
A 39031	1
A 39032	3
A 39033	1
A 39034	3
A 39035	5
A 39036	20
STANDARD AU-R	520

SAMPLE#	AU* ppb
A 39037	25
A 39038	12
A 39039	8
A 39040	11
A 39041	9
A 39042	3
A 39043	10
A 39044	4
A 39045	2
A 39046	2
A 39047	33
A 39048	3
A 39049	2
A 39050	2
A 39051	1
A 39052	4
A 39053	2
A 39054	6
A 39055	5
A 39056	4
A 39057	3
A 39058	4
A 39059	3
STD AU-R	530

SAMPLE#	AU* ppb
A 39060	26
A 39061	25
A 39062	2
A 39063	100
A 39064	16
A 39065	61
A 39066	5
A 39067	3
A 39068	2
STANDARD AU-R	250

SAMPLE#	AU* ppb
A 39069	4
A 39070	3
A 39071	1
A 39072	5
A 39073	2
A 39074	7
A 39075	1
A 39076	3
A 39077	2
A 39078	1
A 39079	3
A 39080	1
A 39081	3
A 39082	3
A 39083	1
A 39084	1
A 39085	1
A 39086	1
A 39087	1
A 39088	2
A 39089	1
A 39090	2
A 39091	4
A 39092	1
A 39093	660
A 39094	2
A 39095	1
A 39096	2
A 39097	45
A 39098	6
A 39099	2
A 39100	5
A 39101	3
A 39102	3
A 39103	3
A 39104	6
STANDARD AU-R	520

- SAMPLE TYPE: P1 TO P2 CORE P3 SLUDGE  
 AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



**GEOCHEMICAL ANALYSIS CERTIFICATE**

Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-4843 Page 1  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4

SAMPLE#	AU* ppb
A 39105	1
A 39106	3
A 39107	1
A 39108	1
A 39109	2
A 39110	3
A 39111	1
A 39112	1
A 39113	1
A 39114	4
A 39115	1
A 39116	1
A 39117	1
A 39118	2
A 39119	890
A 39120	1
A 39121	1
A 39122	2
A 39123	1
A 39124	2
A 39125	1
A 39126	1
A 39127	1
A 39128	1
A 39129	2
A 39130	2
A 39131	1
A 39132	1
A 39133	1
A 39134	2
A 39135	4
A 39136	1
A 39137	1
A 39138	7
A 39139	1
A 39140	2
STANDARD AU-R	540

SAMPLE#	AU* ppb
A 39141	410
A 39142	57
A 39143	19
A 39144	10
A 39145	2
A 39146	8
A 39147	32
A 39148	28
A 39149	3
A 39150	12
A 39151	28
A 39152	8
A 39153	6
A 39154	5
A 39155	3
A 39156	1
A 39157	8
A 39158	14
A 39159	5
A 39160	38
A 39161	14
STANDARD AU-R	540

SAMPLE#	AU* ppb
A 39162	7
A 39163	11
A 39164	11
A 39165	2
A 39166	1
A 39167	3
A 39168	3
A 39169	1
A 39170	4
A 39171	7
A 39172	2
A 39173	4
A 39174	1
A 39175	3
A 39176	1
A 39177	2
A 39178	4
A 39179	1
A 39180	5
A 39181	3
A 39182	2
A 39183	3
A 39184	3
A 39185	10
A 39186	1
A 39187	4
A 39188	9
A 39189	1
A 39190	5
A 39191	3
A 39192	3
A 39193	1
A 39194	1
A 39195	1
A 39196	17
A 39197	2
STANDARD AU-R	480

- SAMPLE TYPE: P1 TO P2 CORE P3 SLUDGE  
 AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GR SAMPLE.

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

**GEOCHEMICAL ANALYSIS CERTIFICATE**

Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-4996 Page 1  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4 Attn: D. PETERSEN

SAMPLE#	AU* ppb
A 39198	1
A 39199	2
A 39200	3
A 39201	1
A 39202	1
A 39203	2
A 39204	1
A 39205	1
A 39206	1
A 39207	4
A 39208	1
A 39209	1
A 39210	2
A 39211	2
A 39212	1
A 39213	1
A 39214	3
A 39215	1
A 39216	1
A 39217	1
A 39218	2
A 39219	1
A 39220	1
A 39221	1
A 39222	1
STANDARD AU-R	510

SAMPLE#	AU* ppb
A 39223	4
A 39224	2
A 39225	2
A 39226	3
A 39227	5
A 39228	3
A 39229	2
A 39230	4
A 39231	2
A 39232	3
A 39233	1
A 39234	1
A 39235	2
A 39236	2
A 39237	1
A 39238	1
A 39239	3
A 39240	1
A 39241	2
A 39242	1
A 39243	2
A 39244	1
A 39245	1
A 39246	1
A 39247	2
A 39248	2
A 39249	3
A 39250	3
A 39251	1
A 39252	1
A 39253	1
A 39254	9
A 39255	1
A 39256	1
A 39257	5
A 39258	2
STANDARD AU-R	480

SAMPLE#	AU* ppb
A 39259	7
A 39260	5
A 39261	5
A 39262	6
A 39263	5
A 39264	46
A 39265	120
A 39266	6
A 39267	5
STANDARD AU-R	510

- SAMPLE TYPE: CORE AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY *Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

**GEOCHEMICAL ANALYSIS CERTIFICATE**

Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-5127 Page 1  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4 Attn: D. PETERSEN

SAMPLE#	AU* ppb
A 39268	14
A 39269	11
A 39270	2
A 39271	5
A 39272	2
A 39273	3
A 39274	4
A 39275	51
A 39276	13
A 39277	5
A 39278	3
A 39279	6
A 39280	1
A 39281	1
A 39282	1
A 39283	1
A 39284	1
A 39285	1
A 39286	1
A 39287	1
A 39288	2
A 39289	2
A 39290	1
A 39291	1
A 39292	2
A 39293	2
A 39294	1
A 39295	1
A 39296	1
A 39297	1
A 39298	1
A 39299	3
A 39300	3
A 39301	2
A 39302	2
A 39303	1
STANDARD AU-R	540

SAMPLE#	AU* ppb
A 39304	2
A 39305	2
A 39306	1
A 39307	1
A 39308	1
A 39309	2
A 39310	1
A 39311	1
A 39312	1
A 39313	3
A 39314	1
A 39315	2
A 39316	1
A 39317	1

SAMPLE#	AU* ppb
A 39318	5
A 39319	2
A 39320	3
A 39321	3
A 39322	5
A 39323	1
A 39324	3
A 39325	1
A 39326	2
A 39327	4
A 39328	4
A 39329	1
A 39330	2
A 39331	3
A 39332	9
A 39333	4
A 39334	16
A 39335	2
A 39336	4
A 39337	3
A 39338	1
A 39339	2
A 39340	2
A 39341	1
A 39342	2
A 39343	2
A 39344	4
A 39345	2
A 39346	1
A 39347	3
A 39348	2
A 39349	1
A 39350	1
A 39351	3
A 39352	2
A 39353	3
STANDARD AU-R	530

- SAMPLE TYPE: CORE AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

**GEOCHEMICAL ANALYSIS CERTIFICATE**

Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-5201 Page 1  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4 Attn: D. PETERSEN

SAMPLE#	AU* ppb
A 39354	7
A 39355	4
A 39356	2
A 39357	1
A 39358	1
A 39359	3
A 39360	1
A 39361	1
A 39362	3
A 39363	1
A 39364	1
A 39365	2
A 39366	3
A 39367	1
A 39368	2
A 39369	1
A 39370	1
A 39371	2
A 39372	1
A 39373	1
A 39374	2
A 39375	3
A 39376	1
A 39377	3
STANDARD AU-R	520

SAMPLE#	AU* ppb
A 39378	4
A 39379	3
A 39380	4
A 39381	9
A 39382	1
A 39383	1
A 39384	11
A 39385	11
A 39386	2
A 39387	2
A 39388	3
A 39389	8
A 39390	3
A 39391	2
A 39392	8
A 39393	2
A 39394	2
A 39395	12
A 39396	1
A 39397	3
A 39398	11
A 39399	1
A 39400	3
A 39401	4
A 39402	5
A 39403	3
A 39404	3
A 39405	4
A 39406	1
A 39407	4
A 39408	2
A 39409	2
A 39410	1
A 39411	2
A 39412	1
A 39413	6
STANDARD AU-R	520

SAMPLE#	AU* ppb
A 39414	3
A 39415	1
A 39416	1
A 39417	1
A 39418	1
A 39419	1
A 39420	1
A 39421	1
A 39422	3
A 39423	1
A 39424	2
A 39425	1
A 39426	1
A 39427	1
STANDARD AU-R	540

- SAMPLE TYPE: CORE AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY... *C. Leong* ... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

**GEOCHEMICAL ANALYSIS CERTIFICATE**

**Goldsmith Minerals Limited PROJECT GASPARD LAKE FILE # 90-5307 Page 1**  
 440 - 808 W. Hastings St., Vancouver BC V6C 2X4 Attn: D. PETERSEN

SAMPLE#	AU* ppb
A 39428	6
A 39429	3
A 39430	1
A 39431	1
A 39432	4
A 39433	3
A 39434	1
A 39435	1
A 39436	4
A 39437	1
A 39438	1
A 39439	1
A 39440	1
A 39441	1
A 39442	3
A 39443	1
A 39444	2
A 39445	3
A 39446	3
A 39447	3
A 39448	3
A 39449	11
A 39450	3
A 39451	3
A 39452	5
A 39453	8
A 39454	3
A 39455	3
A 39456	8
A 39457	3
A 39458	28
A 39459	5
A 39460	4
A 39461	5
A 39462	7
A 39463	5
STANDARD AU-R	530

SAMPLE#	AU* ppb
A 39464	6
A 39465	5
A 39466	2
A 39467	1
A 39468	2
A 39469	2
A 39470	1
A 39471	2
A 39472	1
A 39473	1
A 39474	1
A 39475	2
A 39476	3
A 39477	1
A 39478	2
A 39479	2
A 39480	2
A 39481	1
A 39482	1
A 39483	1
A 39484	1
A 39485	1
A 39486	1
A 39487	1
A 39488	1
A 39489	1
A 39490	2
A 39491	1
A 39492	2
A 39493	1
A 39494	4
A 39495	2
A 39496	1
A 39497	2
A 39498	3
A 39499	1
A 39500	1
STANDARD AU-R	500

SAMPLE#	AU* ppb
D 51001	6
D 51002	9
D 51003	16
D 51004	410
D 51005	120
D 51006	4
D 51007	1
D 51008	1
D 51009	1
D 51010	1
D 51011	1
D 51012	1
D 51013	1
D 51014	1
D 51015	6
D 51016	1
D 51017	1
D 51018	1
D 51019	3
D 51020	1
D 51021	1
D 51022	1
D 51023	1
STANDARD AU-R	510

- SAMPLE TYPE: CORE AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY... *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



- Main Logging Roads
- - - Side
- - - Creeks
- Mineral Showings
- o Geochemical Soil Anomalies
- o URP As Anomaly
- 90-2 Diamond Drill Holes
- ▬ Resistivity Anomalies



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,910**

*abpterson*

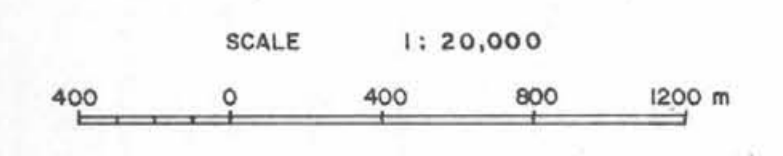


FIG. 3

GOLDSMITH MINERALS LIM		
GASPARD LAKE	LAKE	PROJE
CLINTON M.D.		
COMPILATION		MAP
DBP/dbp		Oct.



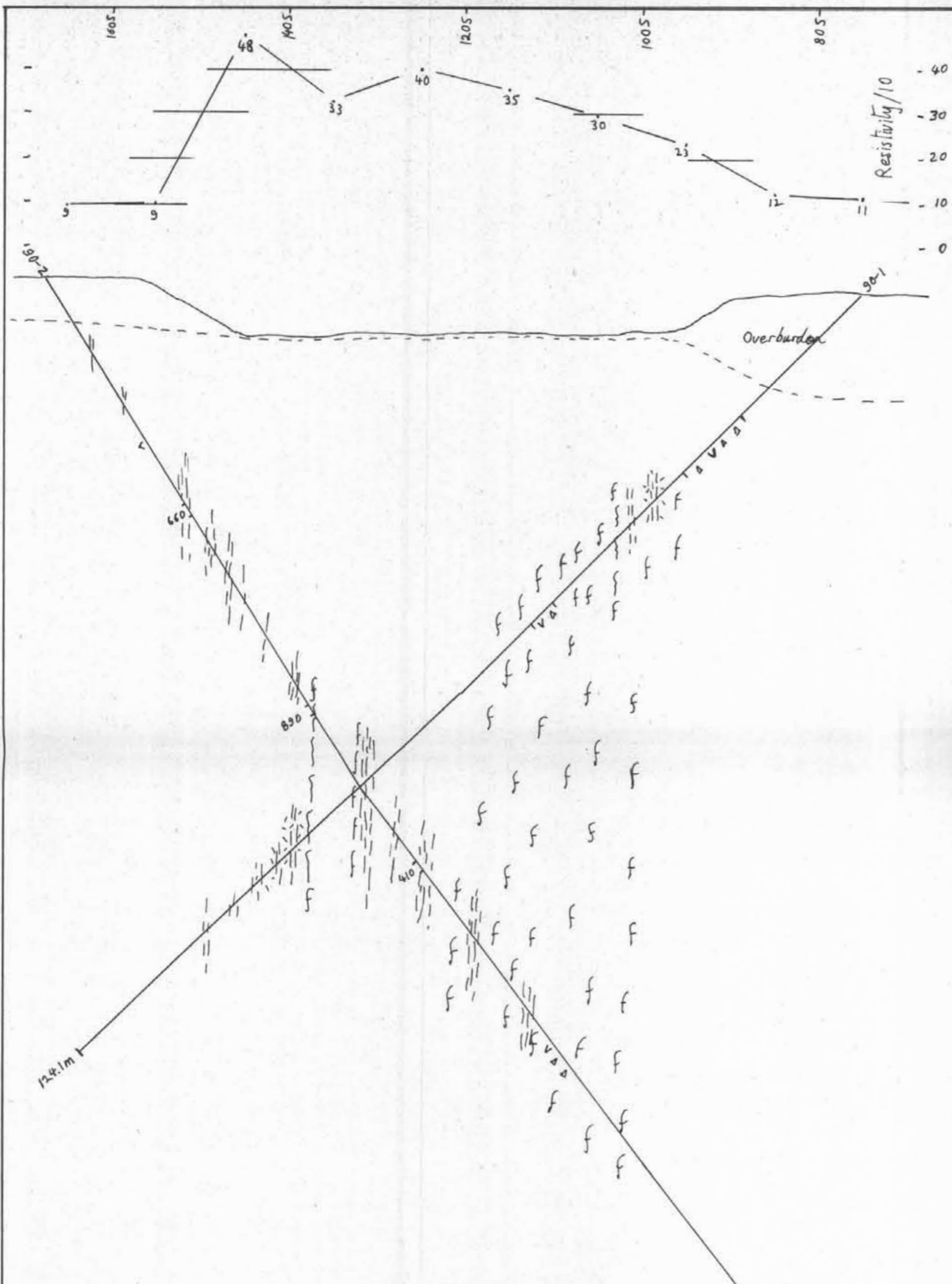
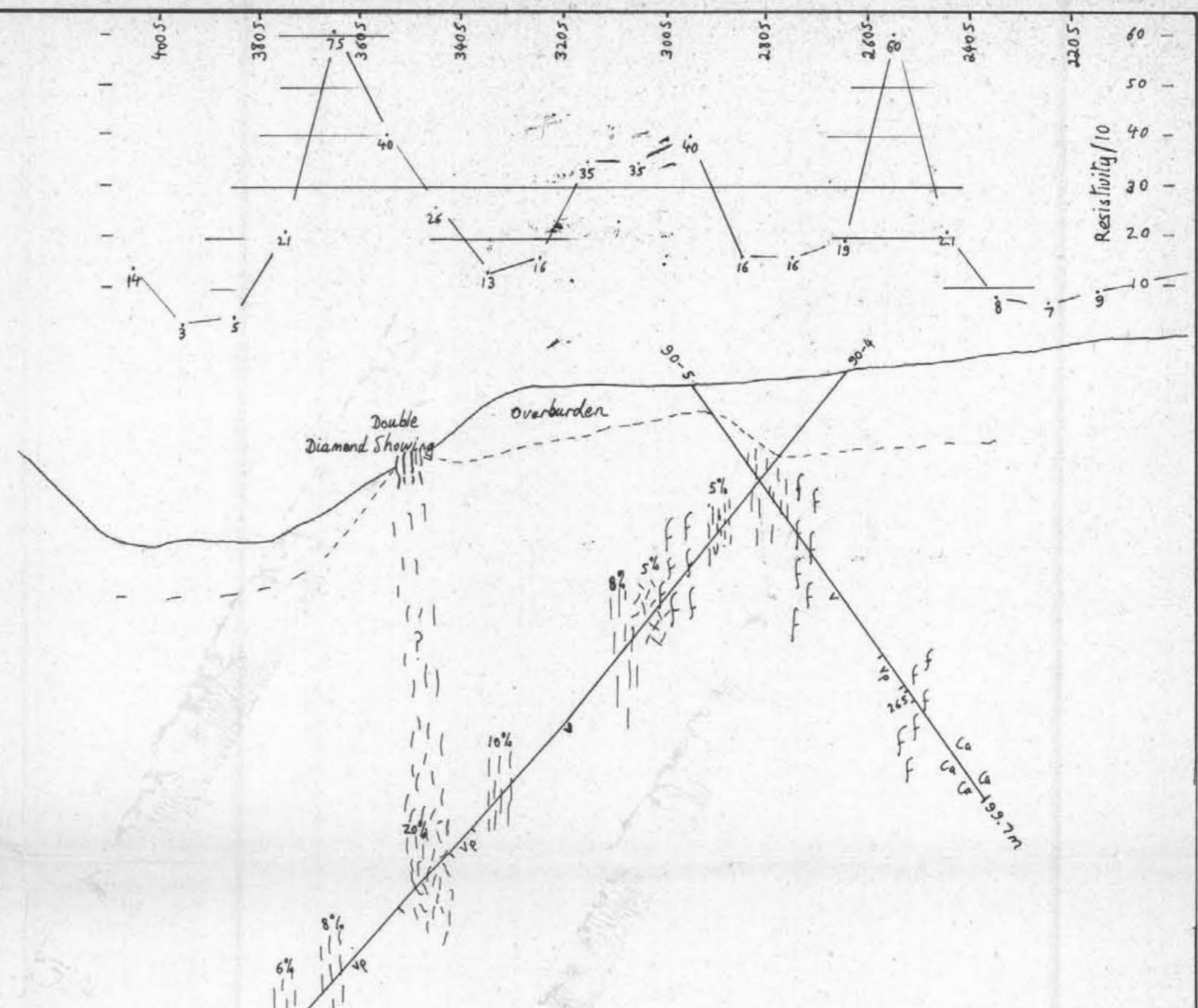


FIG. 6  
TWILIGHT ZONE  
SECTION OW  
(Looking West)

Scale 1:500  
10 0 10 20m

*Petersen*



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,910

FIG. 5  
KELSCH ZONE  
SECTION 1,500E  
(Looking West)

Scale 1:1,000  
20 0 20 40m

- V Andesite
- Va Andesite Flow Breccia
- Vp Purple Andesite
- Ca Calcitic
- Estimated % Free Quartz → ||| Quartz Vein Systems
- ||| Stockwork
- ff Major Faults
- 100ppb Au

GOLDSMITH	MINERALS	LIMITED
GASPARD LAKE PROJECT		
CLINTON M.D.		
DIAMOND		DRILLING
SECTIONS		
DBP/dbp		Nov 1990