

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.05.06

ASSESSMENT REPORT 17614

MINING DIVISION: Liard

PROPERTY: Pete
LOCATION: LAT 59 10 00 LONG 129 40 00
UTM 09 6558592 461882
NTS 104P04E

CLAIM(S): Pete
OPERATOR(S): Erickson Gold Min.
AUTHOR(S): Lehtinen, J.
REPORT YEAR: 1988, 50 Pages

COMMODITIES
SEARCHED FOR: Gold

GEOLOGICAL
SUMMARY: The property is underlain by Mississippian to Permian Sylvester Group meta-basalts and andesites. Gold in quartz veins occur in carbonate altered volcanics. Vein widths are up to 4.5 metres with an east to northeast strike and near a vertical dip.

WORK
DONE: Drilling
DIAD 368.9 m 2 hole(s)
Map(s) - 3; Scale(s) - 1:1000

LOG NO: 0722	RD.
ACTION:	
FILE NO:	

I

A DIAMOND DRILLING AND TRENCHING REPORT

ON THE

JAGER, LORRAINE 1&2, PETE, POOL 2,3&4 MINERAL CLAIMS

OF THE

PETE 87 GROUP

LIARD MINING DIVISION

OWNER: ERICKSON GOLD MINING CORP.
CUSAC INDUSTRIES LTD.

OPERATOR: ERICKSON GOLD MINING CORPORATION

WORK DONE ON: PETE CLAIM

WORK PERFORMED: JUNE 25 - JULY 6, 1987.

LOCATED: NTS 104 P/4E

LATITUDE 59°10' N

LONGITUDE 129°40' W

BY: J. LEHTINEN, B.Sc. / A. BORONOWSKI, B.Sc.

CORE LOGGED BY: BRIAN BOWER, B.Sc.

DATE: FEBRUARY 15, 1988.

FILMED

17,614

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MAP 27 - Plan showing surface topography,
location of drill holes and trenching in
relation to claim boundaries.

1.0 INTRODUCTION

Between June 20 and July 6 1987, two holes with a combined total of 368.9 metres were drilled on the Pete claim by Erickson Gold Mining Corporation. The program objectives were to follow up earlier work which displayed gold mineralization in quartz veins, to determine the thickness of the listwanite and to explore for vertical quartz veins below the listwanite.

Both holes were drilled on the Pete claim. The hole numbers and relevant data for this drilling are summarized in Appendix A. The holes were logged by B. Bower. The core is stored on the property. Copies of the drill logs and assay results are contained in Appendix B. A map showing the collar locations in relation to the claim boundaries is located in the back pocket of this report.

Trenching with a bulldozer was conducted in an attempt to expose the strike extension of the Pete Vein.

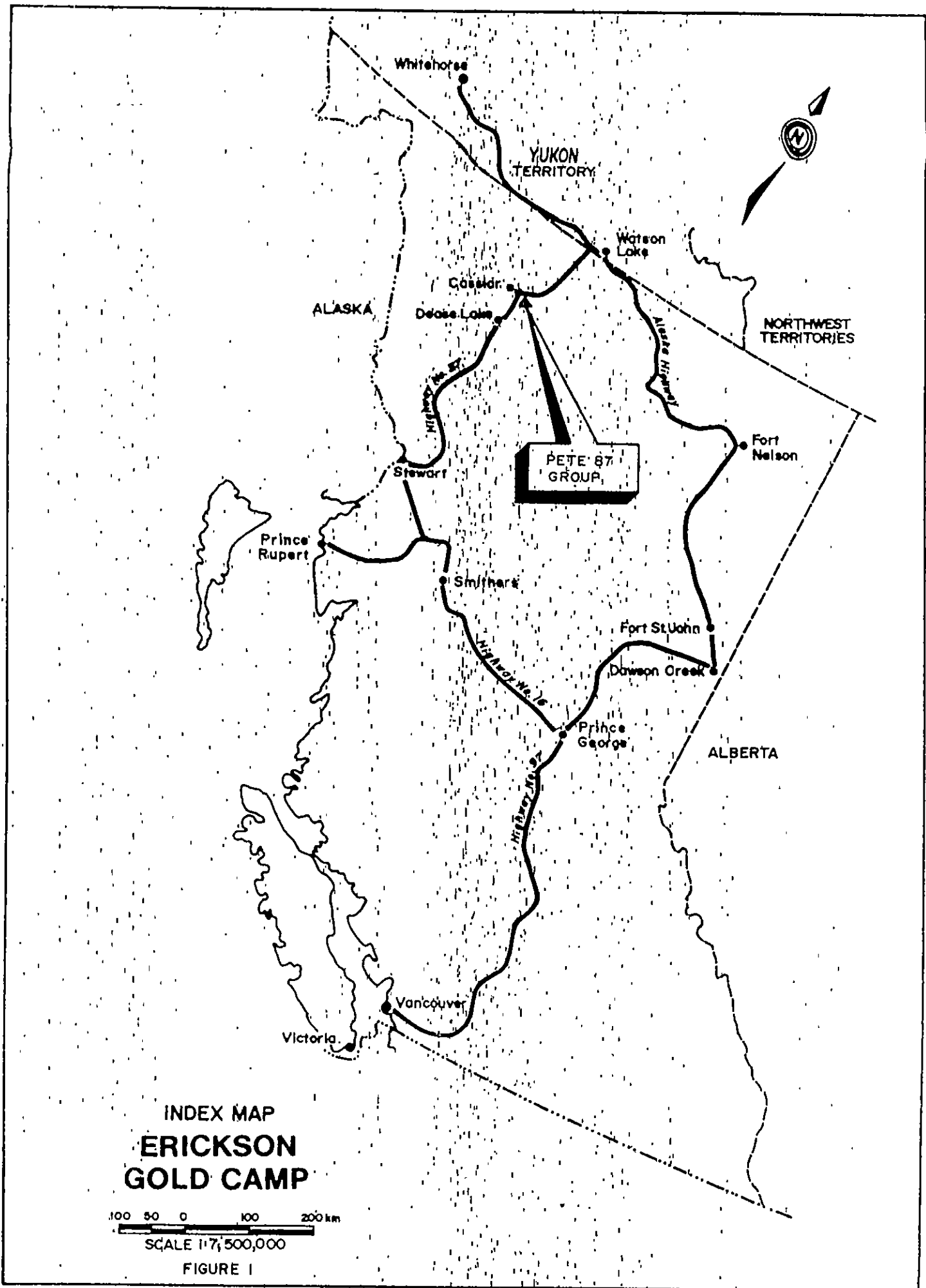
2.0 LOCATION AND ACCESS

The Pete Group is situated in northern British Columbia, 15 kilometres southeast of the town of Cassiar. Access to the property is via Highway 37 from Watson Lake which is 150 kilometres north-northeast, or from Kitwanga which is 655 kilometres to the south.

Access to the Pete Group from Highway 37 is via the Erickson Gold Mining Corp. road which intersects the highway two kilometres south of the Cassiar turnoff. From Highway 37 the mine road encounters the camp at approximately 1.5 kilometres and continues through the shop and mill complex. The Erickson main haul road proceeds up Table Mountain for approximately 2.5 kilometres where the Ross Road branches off. The Ross road proceeds southwest up the mountain to the Cusac Portal at kilometre Ross 6. These roads are well maintained ore haulage roads which connect the Cusac Portal with the Erickson Mill. From this point a four wheel drive road extends three kilometres south to the Pete Group.

3.0 TOPOGRAPHY AND VEGETATION

The Pete Group is situated primarily in the Pooley Creek valley. Elevations range from 1150 metres to 1350 metres. The Pooley Creek valley has very low relief and is poorly drained resulting in swampy ground with muskeg. Where small hills are encountered thin surficial material masks the outcrop and outcrop exposure is moderate. In general outcrop exposure in the area is poor. Vegetation consists of lodgepole pine, black spruce, fir and swamp willow.



**INDEX MAP
ERICKSON
GOLD CAMP**

100 50 0 100 200 km
SCALE 1:7,500,000

FIGURE 1

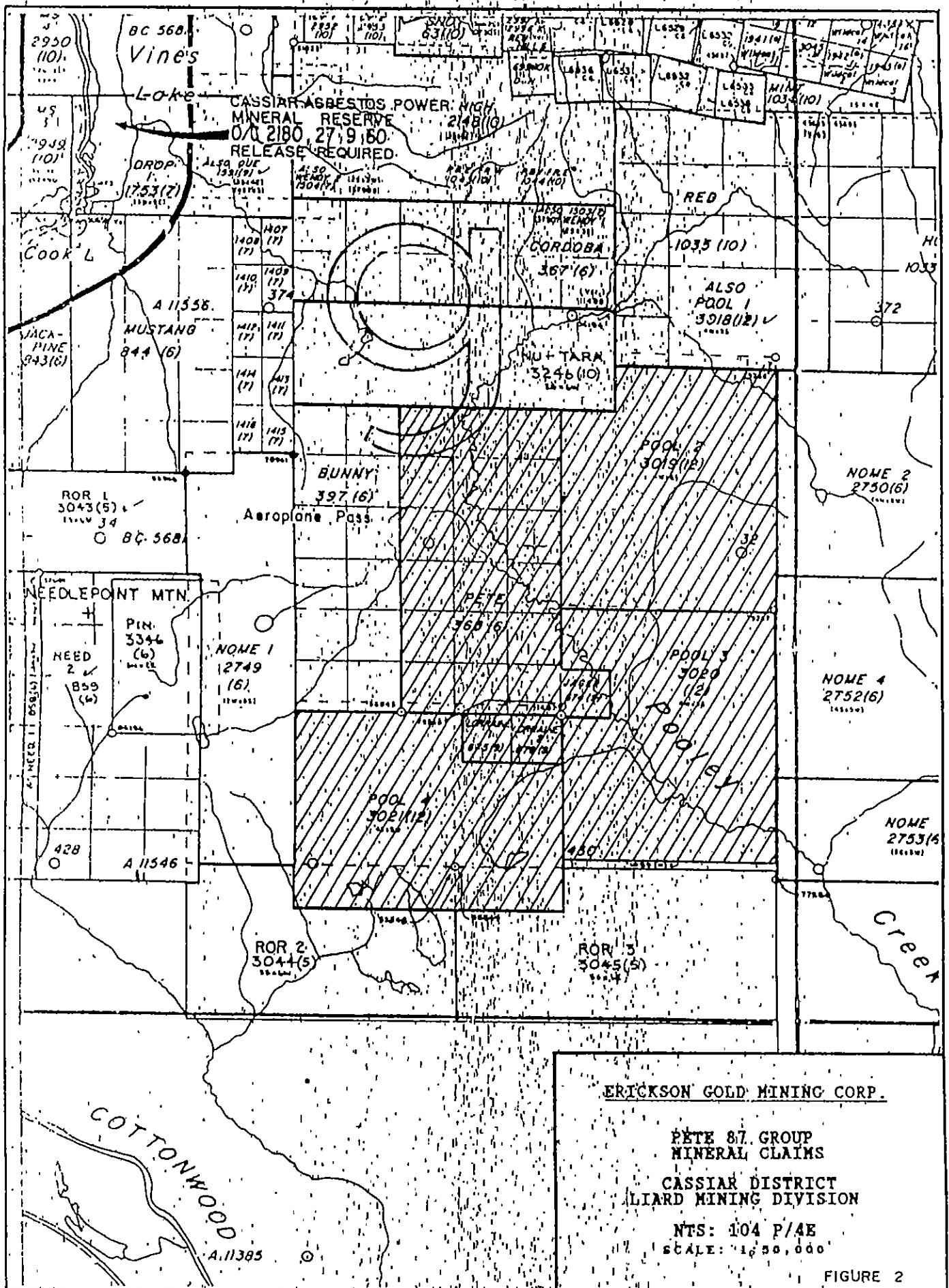


FIGURE 2

GEOLOGICAL LEGENDMISSISSIPPIAN TO (?) PERMIAN

SYLVESTER GROUP

Interbedded Sediments - 5D

- 5Da Greywacke
- 5Db Siltstone
- 5Dc Sandstone
- 5Dd Argillite
- 5De Limestone (continuous pods)
- 5Df Chert, ribbon chert, interbedded chert, and argillite

Interbedded volcanics - 5C

- 5Ca Massive meta-basalt to andesite flows, without pillows, occasional local phenocrysts of feldspar or pyroxene.
- 5Cb Meta-basalt to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene, pillow volcanics.
- 5Cc Rhyolite, sills and/or dykes.
- 5Cd Argillaceous tuff and breccia.
- 5Ce Cherty tuff, tuffaceous chert.
- 5B Undifferentiated metasediments:
Chert, tuff chert, includes some argillite, in northeast well layered chert - phyllite, ribboned chert and argillite.
- 5A Argillite, siltstone, chert, quartzite limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

6.0 GEOLOGY AND MINERALIZATION

Table Mountain is located within the Sylvester Allochthon, a fault-bounded assemblage of upper Paleozoic chert, greenstone, clastics and ultramafic rocks, thrust over rocks autochthonous to the North American Craton in post-Triassic to early Cretaceous times. The rocks underlying Table Mountain are Sylvester Group volcanics and sedimentary rocks of late Devonian to early Mississippian age (see Geological Legend, Figure 3). Sedimentary lithologies include siltstone, chert, sandstone, argillite, greywacke and minor limestone. The volcanics include both flow-type rocks and pyroclastics. Ultramafic rocks, subsequently altered to listwanite, were probably emplaced in Mississippian period. During the Mid-Cretaceous Period the Cassiar Batholith intruded the western part of the allochthon. Tertiary diabase dykes occur throughout the area.

In the vicinity of Table Mountain, sedimentary rocks rest stratigraphically above a thick volcanic pile with interbedded chert. The contact between the basal member, black argillite, and volcanics is apparently a thrust fault. The vein and, in places, listwanite are located along this contact. This entire sequence of rocks has been subjected to a minimum of two periods of folding with fold axes striking east-west, and northwest-southeast. The Pete drill program area is underlain by meta-basalt to andesitic flows and pyroclastic rocks with chert interbeds. A large aerial exposure of listwanite occurs in the area of the drilling. Quartz veins are hosted within both the volcanic package and the listwanite.

7.0 SUMMARY OF WORK

Thirteen hours of cat trenching and a total of 368.9 metres of BQ size diamond drilling was completed between June 25 and July 6, 1987. Both of the holes and the trenching are located on the Pete claim. The location of the drill holes and trenching relative to the claim boundaries is shown on map 27 in the back pocket of the report.

The core was logged, split and assayed for gold/silver on the property. The core is stored at the Erickson Main Mine Office area.

8.0 PURPOSE OF WORK

The 1987 diamond drill program was undertaken to test the Pete Vein along its strike to the south-west and to test, at depth, the quartz vein referred to, in this report, as the "Cabin Vein", located at the site of Pete Hamlin's old cabin.

The cat trenching was conducted in order to expose the Pete Vein along strike.

Earlier surface trench samples assayed up to 0.266 ounces/Ton Au and 4.92 oz./Ton Ag.

Hole C87-225 was drilled to the north to intersect the Cabin Vein and to determine the thickness of the listwanite.

Hole C87-226 was drilled to the south-east to intersect the north-east striking Pete Vein previously drilled in 1985.

9.0 CONCLUSIONS

Diamond drill hole 87-225 was drilled to intersect the Cabin Vein approximately 40 metres below surface. At the targeted distance an intense fault was intersected in volcanics. The hole was continued on in listwanite with minor intervals of volcanics or mafic intrusives. The hole was shut down in volcanics with no significant assay results.

Diamond drill hole C87-226 was drilled to intersect the Pete Vein approximately 30 metres below surface. Prior to intersecting the targeted zone a fault was intersected and no vein was encountered to the end of the hole.

Cat trenching of the Pete Vein was unsuccessful in reaching the vein due to thick glacial till cover.

10.0 RECOMMENDATIONS

The diamond drill hole information proved the existence of a large ultramafic body. Although the drill holes failed to intersect any significant mineralization, the fact that the area hosts veins of both significant size and anomalous gold values indicates the possibility of the area hosting economical auriferous quartz veins. Backhoe trenching of the listwanite - volcanic contact between the Pete and the Cabin Veins is recommended to determine if the contact hosts any vein or fault mineralization. Structural mapping of the area and conducting a magnetometer survey may help determine the geology of the area.

11.0 COST STATEMENT FOR THE PETE GROUP

Work performed:

Two BQ Diamond Drill Holes were drilled for a total of 368.9 metres of core on the Pete claim during the period from June 25 to July 6 1987.

For trenching a D8K Caterpillar bulldozer was used for thirteen hours on June 18 and 19 ,1987.

Hole Number	Date Drilled	Total length metres	Drilling Costs
C87-225	June 25	296.6	\$21297.08
C87-226	June 29	72.3	4324.83
subtotal		<u>368.9</u>	<u>\$25621.91</u>
Room and Board for drillers			
	5 men x \$50/day/man x 12 days		\$ 3000.00
Core logging			
	6 days geologist x \$175/day		1050.00
	6 days room & board x \$50/day		300.00
Assays	3 Au. & Ag. assays x \$16/sample		48.00
Report Writing			
	2 days geologist x200/day		<u>400.00</u>
TOTAL COST DRILLING		SUB-TOTAL	<u>\$30419.91</u>
Trenching			
	13 hours @ 125.00 per hour		<u>1,625.00</u>
		TOTAL	<u>\$32,044.91</u>

13.0 STATEMENT OF QUALIFICATIONS

I, Jim Lehtinen, of 500-171 West Esplanade Street, North Vancouver, British Columbia, do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of British Columbia, Vancouver in 1984. I have practiced my profession for three years.

I am author of this report, which is based upon work conducted under the supervision of Alex Boronowski, B.Sc. during the 1987 field season. Work was carried out on the Pete Group for Erickson Gold Mining Corporation near Cassiar, British Columbia.



Jim Lehtinen, B.Sc.


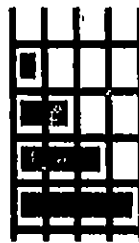
Alex Boronowski, B.Sc.

BRIAN BOWER B.Sc 1988 U.B.C.

APPENDIX A

Diamond Drill Hole Summary

DRILL LOG

PROJECT CUSAC	GROUND ELEV. 1174.610 m
HOLE No. C87-225	BEARING 357.4108 deg
LOCATION 6557732.700 m NORTH 461837.990 m EAST PETE BASELINE	DIP -44.45 deg
Pete Claim 27-N	TOTAL LENGTH 296.600 m
LOGGED BY B. Bower	HORIZONTAL PROJECT 113.819 m
DATE June 29/87	VERTICAL PROJECT -264.845 m
CONTRACTOR D.J. Drilling	ALTERATION SCALE  absent slight moderate intense
CORE SIZE BQ	
DATE STARTED June 25/87	
DATE COMPLETED July 6/87	TOTAL SULPHIDES SCALE  traces only < 1% 1% to 3% 3% to 10% > 10%
COMMENTS Rich Test at 296.6m Measured Dip -89° True Dip -89°	

CHGPER	AZIMUTH	DIP	ROCK	GRV	DISP FROM DG	SECTION	SEC OFFSET	DESCRIPTION	
0.00	357.41	-44.45	0.00	1174.61	72.72	N	1213.0	Y 0.56	COLLAR
1.70	357.41	-44.45	1.21	1173.42	73.80	W	1213.0	Y 0.00	CL-SECTION
32.12	357.41	-44.45	22.93	1152.11	93.08	W	1212.0	V 10.00	X-SECTION
34.00	357.41	-44.45	24.27	1150.80	94.27	W	1212.0	V 9.38	NV->VOLC-CONTACT
34.00	357.41	-44.45	24.27	1150.80	94.27	W	1212.0	V 9.38	NV->VOLC-CONTACT
37.08	357.41	-55.60	26.47	1148.65	96.22	W	1212.0	V 8.37	DIP CHANGE
69.27	357.41	-55.60	44.65	1122.08	112.36	W	1212.0	V 0.00	CL-SECTION
70.80	357.41	-55.60	45.52	1120.82	113.13	W	1212.0	V 0.40	NV->LYSTV;-CONTACT
70.80	357.41	-55.60	45.52	1120.82	113.13	W	1212.0	V 0.40	NV->LYSTV;-CONTACT
88.20	357.41	-55.60	55.35	1106.46	121.86	W	1212.0	V 4.92	NV->OYZ-Vein
89.25	357.41	-55.60	55.94	1105.60	122.38	W	1212.0	V 5.20	NV->OYZ-Vein
107.72	357.41	-55.60	66.38	1090.36	131.65	W	1211.0	V 10.00	X-SECTION
111.23	357.41	-66.75	68.36	1087.47	133.41	W	1211.0	V 9.09	DIP CHANGE
161.23	357.41	-66.75	88.10	1041.52	150.93	W	1211.0	V 0.00	CL-SECTION
185.38	357.41	-77.90	97.63	1019.34	159.39	W	1211.0	V 4.39	DIP CHANGE
243.53	357.41	-77.90	109.82	962.47	170.21	W	1210.0	V 10.00	X-SECTION
259.53	357.41	-89.00	113.17	946.83	173.19	W	1210.0	V 8.46	DIP CHANGE
296.60	0.00	0.00	113.82	909.76	173.76	W	1210.0	V 8.16	END OF HOLE

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D	G	S	se	M		
					A	B	C	D	E		
0-1.9m				Overburden							
1.9-3.1m			Overburden	listwanite Grey to grn, fn-grained, massive to moderately foliated, hydrothermally altered ultra- magfic. Variations consist of carbonate-talc rich (7b) and Mariposite- Qtz-carbonate rich (7c) Small dark flecks of chromite-ilmenite occur throughout the unit. Weakly magnetic in places.							
3.1-5.5m				3.1-3.1m (7c) Grey-grn, fn-grained, weakly foliated listwanite. Weakly silicified and moderate mariposite alter'n. Core is broken every 5 to 10 cm and has minor rust along some breaks. Small Qtz-carb. strcs. (4cm) cut core at ~30° TCA.							
			w-fault								
5.5-6.0m				3.1-5.5m (7b) Grey-brn, fn-grained, moderately foliated, carbonate-sericite altered listwanite. Small rusty broken zone at 3.8m. (Possible fault?) Patches of talc upto 2 cm in size.							

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT <i>Cusac</i>	GROUND ELEV. <i>1174.61m</i>
HOLE No. <i>C87-225</i>	BEARING <i>357°24'</i>
LOCATION <i>Pete Vein</i> <i>Northing 57732.70</i> <i>Easting 61837.99</i>	DIP <i>-44°45'</i>
	TOTAL LENGTH <i>296.6m</i>
LOGGED BY <i>B. Bower</i>	HORIZONTAL PROJECT <i>118.7866m</i>
DATE <i>June 29/87</i>	VERTICAL PROJECT <i>-116.5276m</i>
CONTRACTOR <i>D. J. Drilling</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED <i>June 25/87</i>	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
DATE COMPLETED <i>July 6/87</i>	
DIP TESTS <i>Etch Test at 296.6m</i> Measured dip <i>-89°</i> True dip <i>-89°</i>	<p>LEGEND</p>
COMMENTS	

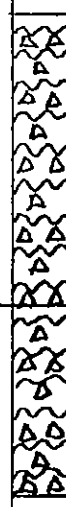
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T	K
					D A	G B	Si C	Se D	M E			
6				(Listwanite cont)								
11				5.5-14.3m (7c) Grey-grn, fn-grained, weakly foliated to massive, mariposite-carbonate altered listwanite c. moderate silica alteration in places. Small 0.2m Qtz-carb. str. cuts core at 7.4m and is orientated $\sim 45^\circ$ T.C.A. Broken and rusty core at 11.3m. (weak fault?)								
			w-fault									
15				14.3-24.9m (7b) Grey, fn-grained, weakly foliated, carbonate-altered listwanite. Foliation orientation is variable from parallel to C.A. to 45° T.C.A. (core is very weakly magnetic in places. Weak talc alter'n in places.								
25				24.9-27.95m (7c) Grey-grn; fn-grained, weakly foliated, Qtz-mariposite altered listwanite c. numerous small Qtz strcs (~ 3 cm) every 0.15m cutting core at $\sim 40^\circ$ T.C.A.								
27				27.95-33.75m (7b) Grey to tan, fn-grained, weak to moderately foliated, carbonate to talc altered listwanite. Core contains numerous flecks of ilmenite and is moderately magnetic. Broken and rusty core at 33.75m (mod. fault?) The foliation to C.A. is variable								
30												

DEP. (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T	K
					D A	G B	Si C	Se D	m E			
30				(listwanite unit)								
35				33.75-34.0m (7a) Dk grn, well foliated, chlorite-serpentine rich listwanite. Foliation is approximately 60° TCA.								
40				34.0-70.8m Volcanics								
45				34.0-41.6m Grn, aphanitic to fn-grained, massive, unaltered to weakly carbonate altered volcanics. Mottled textures in places; hematite staining along fractures. Occasional carbonate strcs (<1cm) cutting core at N 40° TCA.								
50				41.6-47.2m Broken and rubbled grn volcanics with strong clay alter'n in places. Broken Qtz fragments from 42.2 to 43.5m. Fragments are barren milky white. Numerous fractures in the volcanics contain hematite and fine pyrite. (Strong fault zone overall.)								
50				47.2-51.5m Grn to grey, fn-grained to aphanitic, weak to mod. carb altered volcs. Carb. stringer (0.3m) at 49.5m and 10° TCA. Core is broken every 10cm at N 25° TCA.								

7B

7a

5Ca



DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T	K
					D A	G B	Si C	Se D	M E			
50				(Volcanics cont)								
51.5-52.3				Grn, fn-grained, broken, weakly carbonate altered volcanics with numerous fractures throughout. Small carb. str. (4-1cm) cutting core parallel and at 45° TCA.								
52.3-61.6				Grn, aphanitic to fn-grained, massive and broken, unaltered to weakly carbonate altered volcanics. Numerous small hairline Qtz-carbonate str. cutting core at N 30° TCA. Larger 10cm Qtz-carb. str. cut the core at 60.1 and 60.8m. The orientation is also N 30° TCA. Occasional hematite stain along fractures.								
61.6-61.9			m-fault	Grn, broken and rubbled volcanics with numerous small slickensided surfaces on each fragment. (Moderate fault zone?)								
61.9-63.1				Grn to light grn, aphanitic to fn-grained, brecciated volcanics with fragments of dk grn to clear carbonate (upto 3cm) Very mottled appearance in places. Entire sequence is weakly carbonate altered.								

DEP. (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	Si C	Se D	M E		
66				(Volcanics (cont))							
68		5Ca		63.1 - 70.8m, Grn to grey, aphanitic to fn-grained, massive and mottled volcanics. Weakly carb. altered throughout & minor areas (< 15cm) of mod. carbonate alter. Volcanics often containing large patches of chloritic material. Volcanics become more chloritic and talc rich adjacent to 70.8m (listw. contact.)							
70		7A		70.8 - Listwanite							
72		7B		70.8 - 71.0m (7a) Dk grn, massive, chlorite-serpentine rich listwanite. Contact with volcanics is approx. 30° TCA.							
82				71.0 - 83.2m (7b) Lt grey to grey, talc-carbonate rich, weakly foliated listw. Foliation is generally at N 35° TCA but is variable in places. Small Qtz-carb. strcs. (< 2cm.) cut core every 0.2m at N 20° and 40° TCA. Core is weakly magnetic throughout due to small black flecks of magnetite-ilmenite?							

DEI (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	Si C	Se D	M E		
82		7B		(Listwanite cont)							
87		7C		83.2-88.2m (7C) Apple-grn, fn-grained, massive, weakly foliated, Qtz-mariposite rich listwanite. Foliation is variable but general orientation is N 60° TCA. Qtz strcs. (<2cm) cut the core every 0.3m at N 15° TCA. Weakly magnetic in places due to magnetite-ilmenite flecks throughout.							
89		Qtz Vn		88.2-89.25 Qtz Vein (1.05m) Milky white to grey, massive and Brecciated Qtz Vn with numerous frags of listwanite within vein. Fragments are upto 2cm in size. H/W contact is orientated at N 25° TCA. The F/W portion of the Vn. is weakly foliated, & numerous fine pyritic partings paralleling the contact. F/W contact is approx. 45° TCA.							
91		7C		89.25-1242 Listwanite							
92		7C		89.25-91.9m (7C) Apple grn, fn-grained, massive, weakly foliated, Qtz-marip listw. Numerous small Qtz strcs. (<1cm) chaotically cutting core at various angles. Foliation is approx 30°-35° TCA.							

DB (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	S C	Se D	M E		
92				(Listwanite cont)							
			7B	91.9-98.7m (7b) Grey, fn-grained, massive, weakly foliated, carbonate-falc rich listwanite. Small flecks of magnetite-ilmenite throughout make the core weakly magnetic. The foliation is variable but the general orientation is ~30° TCA.							
97			7B	98.7-99.4m Qtz-carb str. zone Bull white, Qtz-carb stringer zone within Qtz-marip. listwanite. Stringers upto 0.2m with no definite orientation to C.A. Minor listwanite fragments within stringers.							
99		Qtz carb str		99.4-101.5m (7c) Apple grn. to grey, massive, weakly foliated Qtz-marip-carb listwanite. Numerous flecks of dk blk magnetite-ilmenite-chromite making the core weakly magnetic.							
101			7B	101.5-124.2m (7b) Lt. grey to dk grey, fn-grained, massive, weakly foliated, falc-carbonate rich listwanite. Darker portion towards 124.2m (Volcanic-fault contact.) Numerous small hairline carbonate str. (1cm) Many str. are parallel to C.A. (cont)							
111											

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	S C	Si D	em E		
121				(listwanite cont) 101.5-124.2 m (cont) Core is strongly magnetic in places where core is dk grey in colour. Within carb stringers are patches of reddish-pink carbonate. Foliation seems to be variable throughout. At end of section is a moderate fault gouge zone with numerous listw. frags throughout							
126				m-fault 124.2-124.9m Volcanics (5Ca) dk grey, aphanitic, very broken and chloritic volcanics with slickensided surfaces along breaks. Fault orientation in H/W portion is N 40° TCA.							
146				124.9-231.6 Listwanite 124.9-181.5 (7.b) Lt grey to dk grey, fn-grained, massive and weakly foliated, talc-carbonate rich listwanite. Very rubbly and broken from 124.9 to 128.0m and from 141.0 to 142.0m. Dominant foliation orientation is N 40° TCA. Small hairline carbonate strcs. cut core at N 15 to 20° TCA. A 5cm Qtz-carb stringer cuts core at 154.0m and is N 20° TCA. (cont)							

DEP (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	Si C	Se D	M E		
156				<i>(Listwanite (on't))</i>							
				<i>124.9-181.5m (on't)</i>							
				<i>A 0.2m Qtz-carb. stringer cuts the core at 157.2m and is orientated at ~15 to 20° TCA. Minor mariposite within str and on str. selvages</i>							
166											
			<i>FB</i>								
176				<i>181.5-231.6m (FA) Dk grn, foliated and massive, chlorite-serpentine rich listwanite. Often porphyritic in places. (Altered pyroxene crystals up to 5mm in size.) Numerous small carbonate str. (2-3cm) cut core along foliation ~50° TCA.</i>							
181				<i>Core is magnetic throughout and regularly broken every 10cm along fractures. Dominant fracture orientation is N45° TCA. Small seam of "asbestos" (~1cm) along fracture at 231.5m.</i>							
			<i>FA</i>								
191											

DE (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	Si C	Se D	M E		
191				(Listwanite cont)							
-221		7A									
-231		X		231.6-233.4m Volcs? or Mafic Dyke Dk grn to light grn, fn-grained to aphanitic, massive, weakly carbonate altered rock. Margins are strongly chloritized where in contact with the listwanite. Contact orientation to core axis is not definite. Alteration contact is approx. 75° TCA							
-233		X		233.4-234.1m Listwanite (7A) Dk. grn, foliated and massive chlorite-serpentine rich listwanite. Magnetic							
-235		X		234.1-235.2m Volcs? or Mafic Dyke? Dk grn to light grn, aphanitic, massive, weakly carbonate altered rock. (cont)							

5Ca
10b

7A

5Ca
10b

DEI (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T	K	
					D A	G B	Si C	Se D	m E				
235				234.1-235.2m (Volcs? - Dyke?) (contacts) of the volcanics are very chlorite altered. Contact in F/W portion is N 45° TCA.									
				235.2-278.4 Listwanite									
245		7A		235.2-258.55m (7A) Dk grn, foliated and broken, chlorite-serpentine rich listwanite. Core is broken and rubble from 244.0 to 256m. Small section of possible altered volcs from 255.3 to 256.3m.									
255				258.55-259.3m (7B) Lt grn to grn, weakly foliated to massive, talc-carbonate rich listwanite. Massive portions are very mottled in texture. Foliation is N 45° TCA.									
		7B		259.3-260.1m (7A) Dk grn, massive, carbonate stringered, chlorite-serp. listwanite. Carbonate stringers (2cm) cut the core at various angles. Dominant orientation is N 40° TCA.									
260		7A		260.1-262.9m (7B - Nephrite) Lt grn to dk. grn, weakly foliated to massive Nephrite. Minor portion is carbonate-talc rich listwanite. Core is weakly siliceous and magnetic.									
		Nephrite											
262													

DI (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T R	
					D A	G B	S C	Se D	M E			
252				2629-266.2m Volcanics? or Dyke? Lt. grn to grn, fn-grained, equigranular, massive, intermediate to mafic composition. Weakly carbonate altered throughout. Minor epidote. F/W contact is N 45° TCA.								
267		Nephrite		266.2-278.4m Listwanite (FA - Nephrite) 266.2-269.9m Grn, weakly foliated and mottle texture with minor bands of chlorite-serp. rich listw. Foliation is N 40° TCA. Core is magnetic throughout with the occasional bleb of magnetite upto 1cm in size.								
272			FA	269.9-278.4m (FA) Dk grn to grn, foliated and massive, chlorite-serpentine rich listwanite with lighter grn bands of carbonate rich material. Foliation is N 25° TCA. Core is magnetic throughout.								
277												
278												

DE (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK	
					D A	G B	Si C	Se D	M E			
278		FA		278.4-284.4 Volcanics? or Dyke? Grn, fn-grained, massive, equigranular, mafic to intermediate rock. Contact is approx. 45° TCA. Entire sequence is weakly carb. altered. Weak epidote alteration in the H/W portion of the sequence (278.4 to 280.0m) Small stringer of clinozoisite (2cm) cutting core at N 45° TCA.								
-283		5Ca or 10b										
-285		FA	X	284.4-286.0m Listwanite (FA) Dk grn to grn, foliated to massive; chlorite-serpentite rich listwanite. Very foliated and broken at 286.0m. Weak fault?								
		w-flt.	X									
		5Ca or 10b		286.0-289.0m Volcanics? or Dyke? Grn, fn-grained, massive and broken, equigranular, mafic to intermediate rock. Mod. clay alteration from 286.1 to 287.9m. Weak carbonate alteration from 287.9 to 289.0m. Contacts are at N 45° TCA.								
-290			X									
		FA		289.0-295.85m Listwanite (FA) Dk grn, massive to broken, chlorite-serpentine rich listwanite. Numerous small weak to mod. faults throughout. Foliation is at N 50° TCA.								
		w to m-flts.										
-295			V									


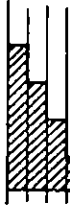
DE (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK	
					D A	G B	Si C	Se D	M E			
<i>295</i>				<p><i>295.85-296.6m Volcanics? or Dyke?</i> <i>Lt. grn to grn, fn-grained to aphanitic, massive, equigranular, mafic to intermediate composition.</i> <i>Weak to moderate carbonate alteration throughout.</i> <i>Contact is at ~ 50° TCA.</i></p>								
				<p><i>End of hole 296.6m</i></p>								
<i>297</i>												

7A
5Ca or 10b

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

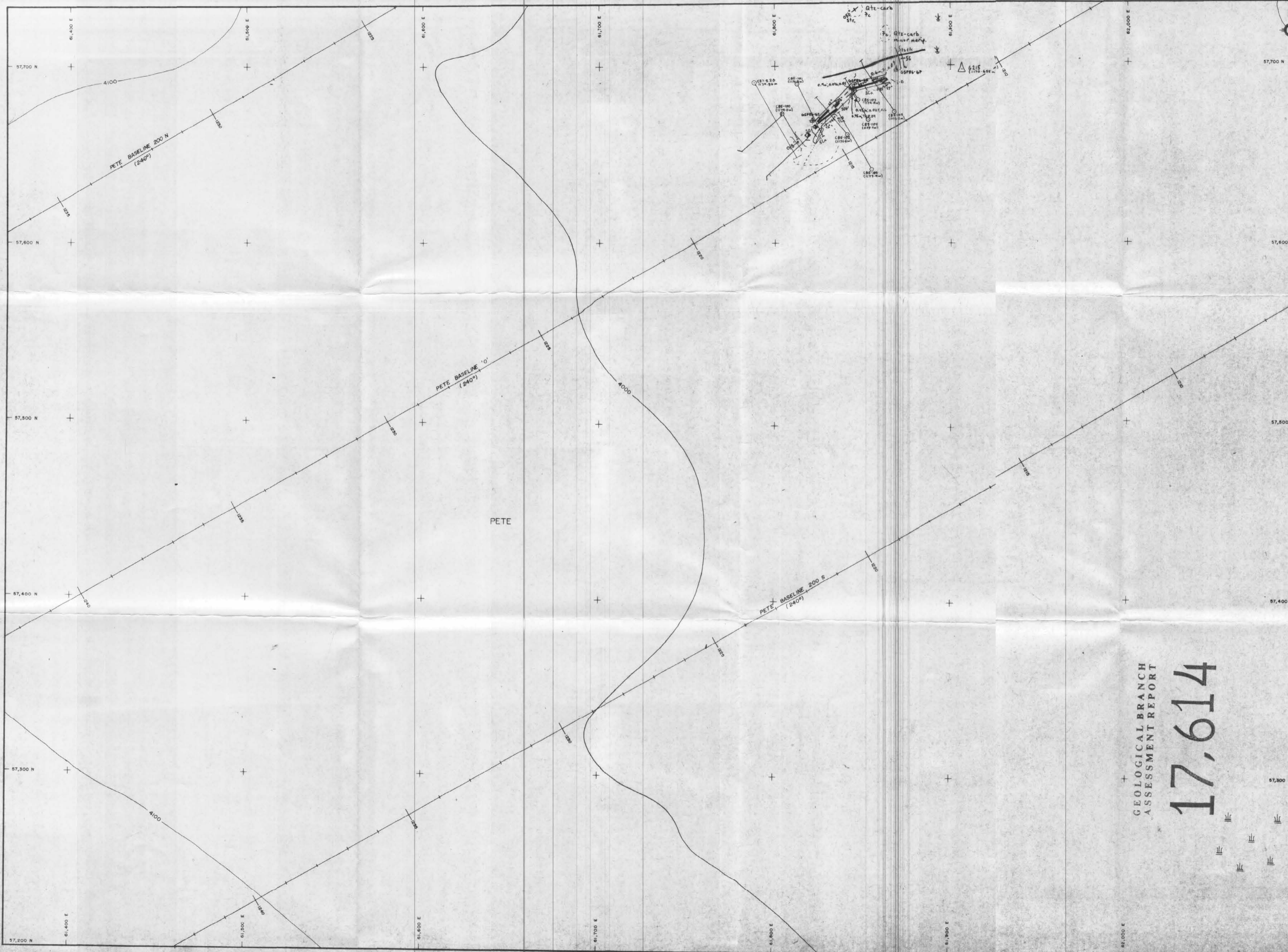
PROJECT Cusac	GROUND ELEV. 1179.86 m
HOLE No. C87-226	BEARING 150° 25'
LOCATION Pete claim Northing 57691.13 Easting 61788.66	DIP -47° 56'
LOGGED BY B. Bower	TOTAL LENGTH 72.3 m
DATE July 3/87	HORIZONTAL PROJECT 48.79 m
CONTRACTOR D. J. Drilling	VERTICAL PROJECT -53.36 m
CORE SIZE BQ	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
DATE STARTED June 29/87	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED July 2/87	
DIP TESTS None	
COMMENTS	LEGEND

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	T	K
					D A	G B	Si C	Se D	M E			
0				0-19.8m Overburden								
10		OVERBURDEN		19.8-27.3 Siliceous Argillite (5Dd) Grey to blk, cryptocrystalline -very fine grained, broken and angular core. Very fractured throughout with core breaking along fractures every 3 to 5cm. No dominant fracture direction to C.A. Minor Qtz rubble at 22.6m. "Very Poor Core Recovery! Only 11% recovery." Qtz rubble contained minor py-H-cpy. (Note: Had to use entire Qtz rubble to make sample)								
20	33 69 11 92 33 17	5Dd		27.3-27.7 Fault Gouge Zone (strong) Dk grey-blk, muddy and fragmented core. Weak slicken-sides in core at 27.3m Angle to core axis is ~45° Fragments in gouge zone are grey chert and argillite.								
30	72 75 67 53 100	N SSS s-fault 5Ce		27.7-34.9m Cherty Tuff (5Ce) Grn to grey, aphanitic, massive with weak graphitic alteration in places. Core is regularly broken every 5 to 10 cm at ~95° TCA.								
40	92 100 93 84 33	N 4A		27.7-41.4m Grn to grey, aphanitic, massive cherty tuff & weak graphite alter'n from 27.7 to 29.7m. Core is very rubbled from 38.0 to 40.5m.								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	Au g/t	Ag g/t	%		COMPOSITE ASSAYS
<p>19.8-27.3 DK grey-blk, argillite with dissem. pyrite along fractures and in patches within core. Qtz rubble at 22.6m contains minor py-H-cpy Total sulphides in argillite is ~ 1-3% Sample taken of Qtz rubble #10067</p>		10							
		20							
				10067	Tr	0.47			
		30							
		40							

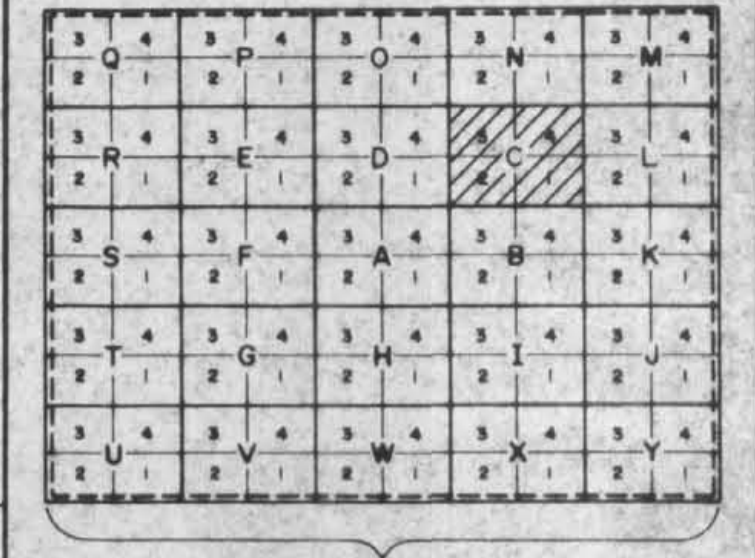
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK
					D A	G B	Si C	Se D	M E		
40	33			<i>Cherty Tuft (5le)</i> <i>(cont)</i>							
	67										
	77			<i>41.4 - 45.5m Dk grey, aphanitic, massive, med to weakly graphite altered cherty tuft. Core is regularly broken every 5 to 10 cm. Dominant fracture orientation is ~60° TCA.</i>							
	89										
	100										
45											
	100			<i>45.5 - 48.2m Lt grn, aphanitic, massive, unaltered cherty tuft. Weak tuffaceous banding within core at ~55° TCA. Core is regularly broken every 10cm along fractures at ~40° TCA.</i>							
	80										
	100										
50											
	100			<i>48.2 - 54.9m Grey to grn, aphanitic, massive, moderately graphite altered to unaltered cherty tuft. Weak tuffaceous bands at ~35° TCA. Broken core every 5 to 10cm along fractures at various angles. Rubbled and clay altered core at 54.9m.</i>							
	93										
	82										
	55										
	94			<i>54.9 - 72.3m Volcanics (5Ca)</i> <i>Grn, fn grained, weakly porphyritic, massive, unaltered volcs. Occasional small Qtz-carbonate str. (<2m) cutting core parallel to fracture orientation.</i>							
	100										
	89										
	58										
	100			<i>54.9 - 72.3m Grn, fn-grained, porphyritic, massive, unaltered volcs. Broken and rubbled</i>							
60											

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	TK	
					D A	G B	Si C	Se D	M E			
50	100	56a	↑	(Volcanics (nit))								
92				54.9-72.3 (nit)								
100				core from 54.9 to 55.7m								
90				and from 59.3 to 60.0m								
100				Overall core is broken every 10cm along fractures at ~40° TCA.								
-70	100		↓	72.3m End of hole!								
100												



AREA INDEX

7	0	3	6,965,700N
8	1	2	6,963,200N
9	10	11	6,960,700N
26	27	28	6,958,200N
			6,955,700N



- SYMBOLS**
- Rock outcrop, area of outcrop, float
 - Geological boundary (defined, inferred)
 - Bedding (horizontal, inclined, vertical, overturned, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lamination, axis of minor folds (horizontal, inclined, vertical)
 - Drag-fold (arrow indicates plunge)
 - Fault (defined, interpreted)
 - Fault (inclined, vertical, relative movement)
 - Surface joint (horiz, inclined, vert, dip unknown)
 - U/G joint (horiz, inclined, vert, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)
 - Vein (inclined, vertical, dip unknown)
 - Zone of alteration
 - Rock sample, X 0.324, 0.15
Assay: Au, Ag ounce / ton
 - Trench
 - Adit or tunnel
 - Rock dump or tailings
 - Shaft, raise, winze
 - Diamond drill hole (entering section, leaving section) (on section / plan)
 - Contours
 - Stream or creek (perennial, intermittent)
 - Marsh
 - Lake
 - Road

SCALE 1:1000

ERICKSON GOLD MINING CORP.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
17,614

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC Project No: 1003
 Latitude: 59°09' APPROX Longitude: 129°40' APPROX
 Mining Division: LIARD NTS 104 P/4E

To accompany a report by: R. SOMERVILLE, P. Eng.
 A. BORONOWSKI, B. Sc.
 Alpha No: _____ Drawing No: _____
 Date: _____ Map No: 27-C