

MAP NO:115I/3

ASSESSMENT REPORT: X

DOCUMENT NO: 093229

PROSPECTUS:

MINING DISTRICT: Whitehorse

CONFIDENTIAL: X

TYPE OF WORK:Geological

OPEN FILE:

REPORT FILED UNDER: Eugene Curley

DATE PERFORMED:August 4, 1994

DATE FILED:November, 1994

LATITUDE:62 06.5

AREA:Grizzly Creek

LONGITUDE:137 04

VALUE:\$1200

CLAIM NAME AND #:Grizzly 1-6

WORK DONE BY:Jean Pautler

WORK DONE FOR:Eugene Curley

DATE TO GOOD STANDING	

REMARKS:Work in 1994 consisted of property evaluation, trench mapping and sampling. Existing trenches were mapped and sampled by Jean Pautler of Teck Exploration. The best result obtained was 3.5 g/T over 1.5 meters. Further work was recommended to test both the strike and dip potential of the vein.

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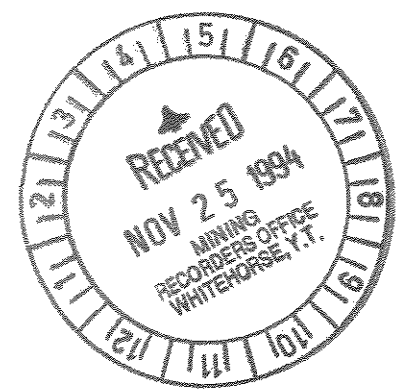
1994 ASSESSMENT REPORT
ON THE
GRIZZLY PROPERTY

NTS: 115I/3

Latitude 62°06.5'N

Longitude 137°04'W

Whitehorse Mining Division



Owner: Eugene Curley,
Box 38, Faro,
Y.T., YOB 1K0.

Jean Pautler
November, 1994

WORK PERFORMED:
AUGUST 4, 1994

SUMMARY:

The 6 unit GRIZZLY property is located 40 km west of Carmacks, Yukon Territory. The property was staked to cover a precious metal bearing quartz vein.

The property is underlain by a Jurassic syenite to diorite and Cretaceous granodiorite which intrude biotite quartz feldspar schist basement rocks. Cretaceous rhyolite dykes are exposed proximal to the quartz vein.

The GRIZZLY showing consists of an arsenopyrite bearing quartz vein, up to 6m wide, striking $025^{\circ}/55^{\circ}W$ which has been traced for 140 m. The host rock is rhyolite and granodiorite with silicification evident in the rhyolite hanging wall. The veins appear to be controlled by dilational fractures peripheral to porphyry mineralization.

Maximum values obtained from the vein in 1994 were 3.5 g/t Au over 1.5m. Previous results averaged 7.2 g/t Au over 3.5m and 15.3 g/t over 1.5m.

Values up to 15.3 g/t over 1.5m have been obtained from the Grizzly vein with limited work. The dip potential has never been tested and the vein is open in both directions along strike.

It is recommended that additional mechanized trenching be conducted, particularly towards Grizzly Creek, since the values increase in this direction.

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1. LOCATION AND ACCESS (Figure 1)

The GRIZZLY property, NTS map sheet 115I/3, is located 40 km west of Carmacks, Yukon Territory in the Whitehorse Mining Division. The claims are centred on Grizzly Creek, a small southeasterly tributary of Victoria Creek, just north of Granite Creek. Latitude and longitude of the property are 62°06.5'N, 137°04'W.

Access in 1994 was by helicopter from Carmacks, Y.T. The closest road access is 1.5 hours via the Mt. Nansen road to Victoria Creek. The property is situated another 7 km to the north, along Grizzly Creek.

2. LEGAL DESCRIPTION (Figure 2)

The GRIZZLY 1-6 claims consist of 6 contiguous 2 post claims covering an area of approximately 150 hectares. The claims are held by Eugene Curley, Faro, Y.T. with a record date of October 14, 1994. Record numbers are YB46485 to YB46490. Two years work have been filed and, based on the acceptance of this report, will validate the claims to October 14, 1996.

3. PHYSIOGRAPHY

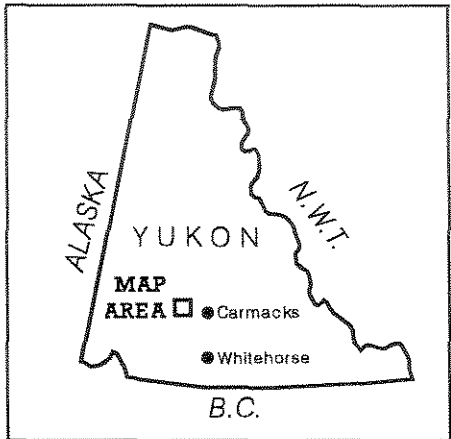
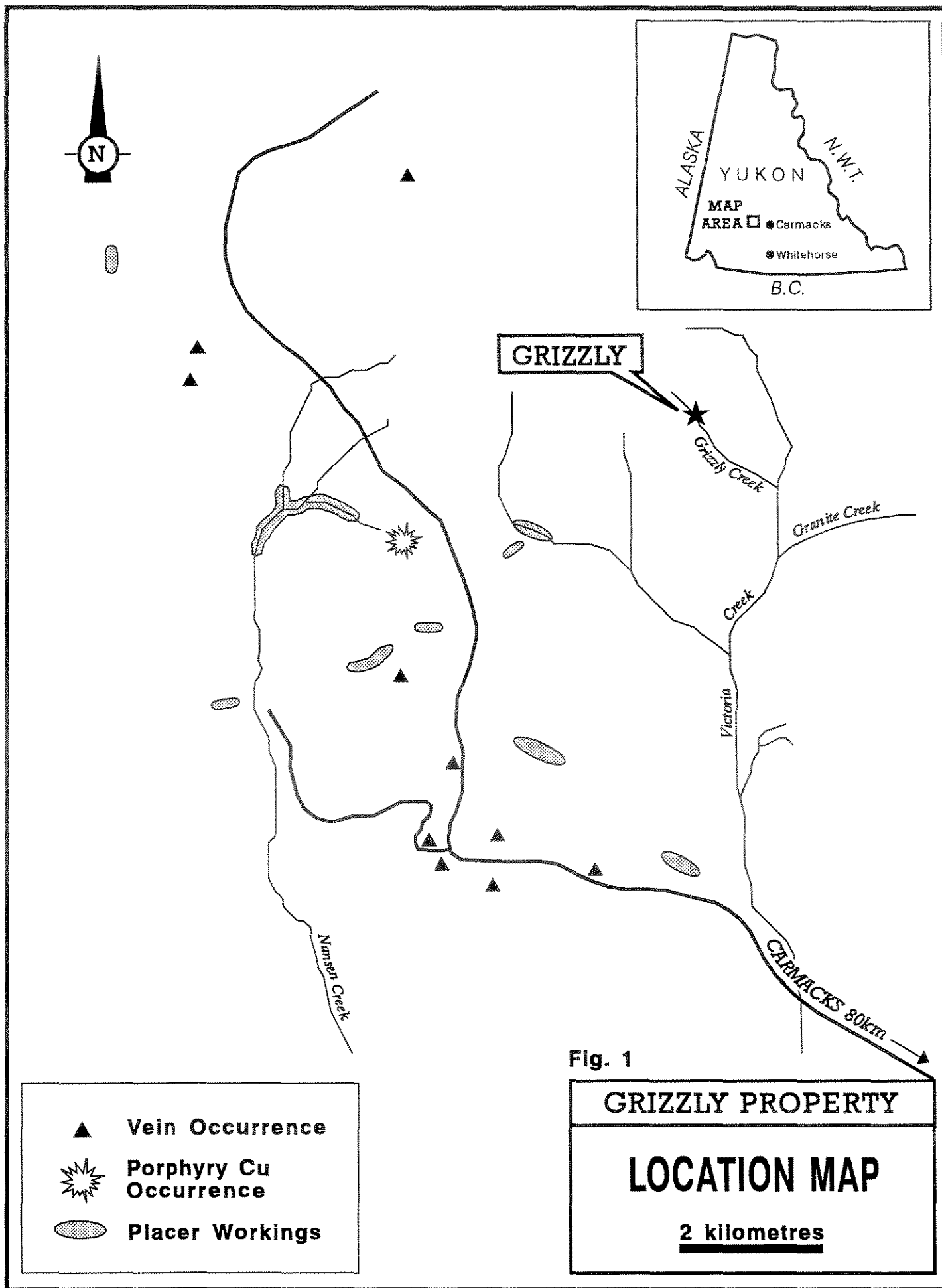
The claims lie within the unglaciated Dawson Range, southwestern Yukon. The property is largely covered by buckbrush with extremely poor outcrop exposure. The elevation of the showing is approximately 4100'. Grizzly Creek, a small intermittent stream, bisects the property.

4. HISTORY

Previous work within the property area consisted of hand trenches believed to have been excavated in the 1920's to uncover a quartz vein. No claims or subsequent work was documented until the vein was rediscovered by E. Curley in 1989. Curley found vein float, containing 42.5 g/t Au, 59.94 g/t Ag, in one of the old hand trenches. A total of 12 trenches were excavated, primarily by bulldozer, by Curley in 1989 and 1990.

5. 1994 WORK

A total of 2 man days were spent on the GRIZZLY property on August 4, 1994. Work consisted of property evaluation, trench mapping and sampling.



GRIZZLY

Fig. 1

GRIZZLY PROPERTY

LOCATION MAP

2 kilometres

- ▲ Vein Occurrence
- ★ Porphyry Cu Occurrence
- Placer Workings

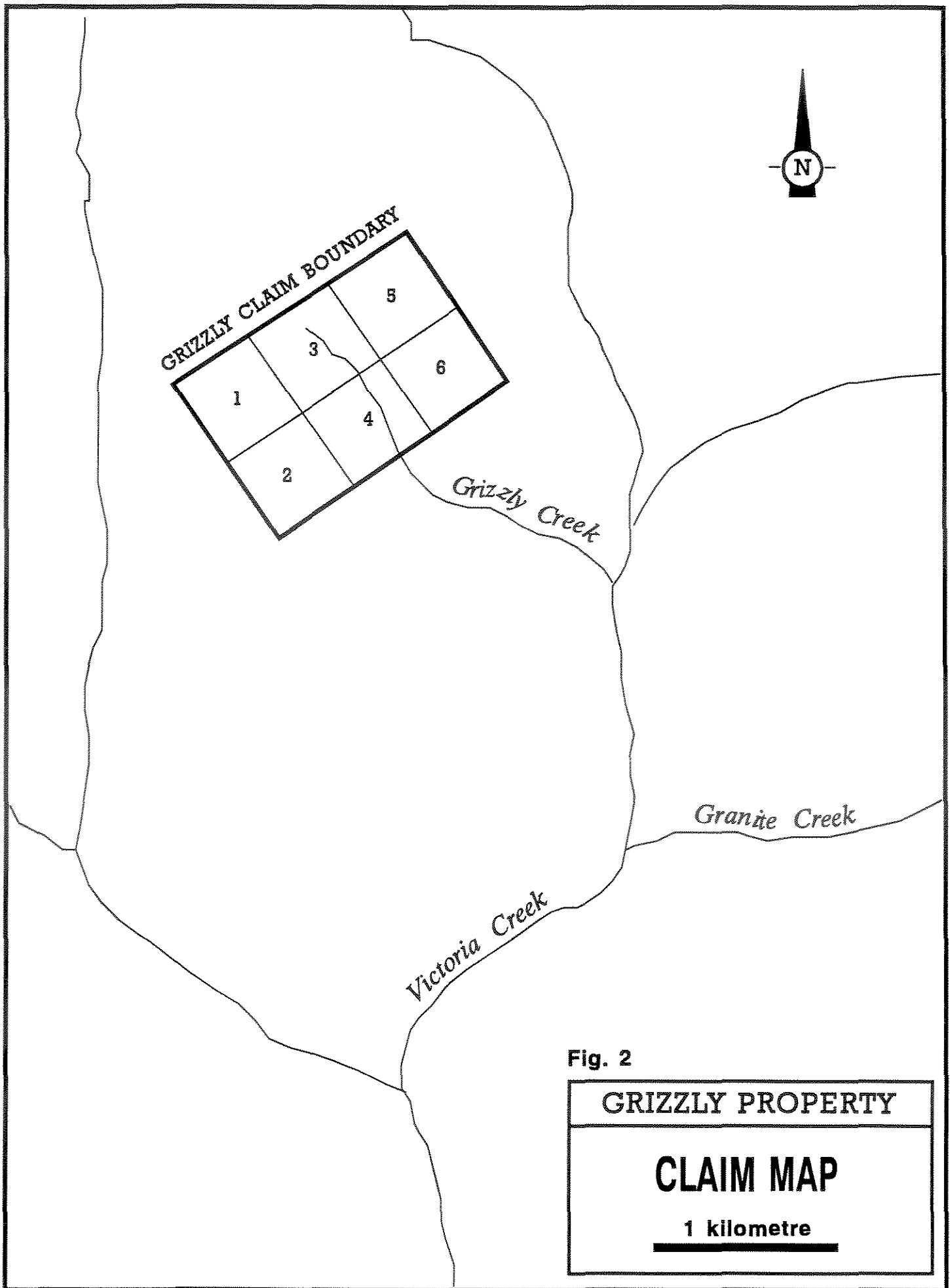


Fig. 2

GRIZZLY PROPERTY

CLAIM MAP

1 kilometre

6. GEOLOGY (Figures 3, 4)

a) Regional

The GRIZZLY property is situated in an area of Cretaceous Mt. Nansen volcanism, overlying apparently coeval Cretaceous granodiorite. Jurassic intrusions, including syenite also underlie the volcanic rocks. The intrusions cut Paleozoic? metamorphic rocks of the Yukon Group Basement Complex. Prominent northeast and north-northwest to northerly trending faults are evident in the area. The structural style of the district has been described as block faulting contemporaneous with porphyry intrusion.

Economically, the property lies within the Mt. Nansen Camp known for its precious metal bearing veins and Cu,Mo porphyry occurrences and its placer Au. Carlson (1987) has recognized the following controls to mineralization:

1. proximity to major regional structures
2. local structures as vein sites (NW-NE)
3. favourable host including Mt. Nansen volcanics and Casino granodiorite
4. proximity to quartz feldspar porphyry dykes

b) Property

The property is partially underlain by a megacrystic Ksp-hornblende porphyritic syenite to hornblende diorite of probable Jurassic age. Rare xenoliths of Basement Complex biotite quartz feldspar schist occur within the stock. Cretaceous rhyolite porphyry and fine grained rhyolite dykes are exposed proximal to the vein. Granodiorite, of probable Cretaceous age (Casino Granodiorite), was evident as the vein footwall in Trench 1.

The GRIZZLY showing consists of an arsenopyrite bearing quartz vein that is up to 6m wide and strikes $025^{\circ}/55^{\circ}W$. It has been traced discontinuously over a strike length of 140 m. The host rock is rhyolite and granodiorite. The vein is typically white with narrow (1 cm) veinlets and patches of arsenopyrite. Pyrite occurs as disseminations. Limonite, manganese and scorodite occur on the weathered surface of the vein.

Limonitic, clay and sericite altered, foliated granodiorite forms the footwall in Trench 1. This is the only locality that the granodiorite was observed on the property. The hanging wall consists of silicified and sericite altered rhyolite. Silicified rhyolite to rhyolite porphyry is commonly associated with the Grizzly Vein.

The veins are believed to be controlled by dilational fractures peripheral to porphyry mineralization. Porphyry copper and molybdenum mineralization occurs to the south of the property.

The local graben structures trend north-northeast to northeast, as indicated by vein orientations and northwest, along Grizzly Creek. Major structures are probably northerly following Victoria and Nansen Creeks.

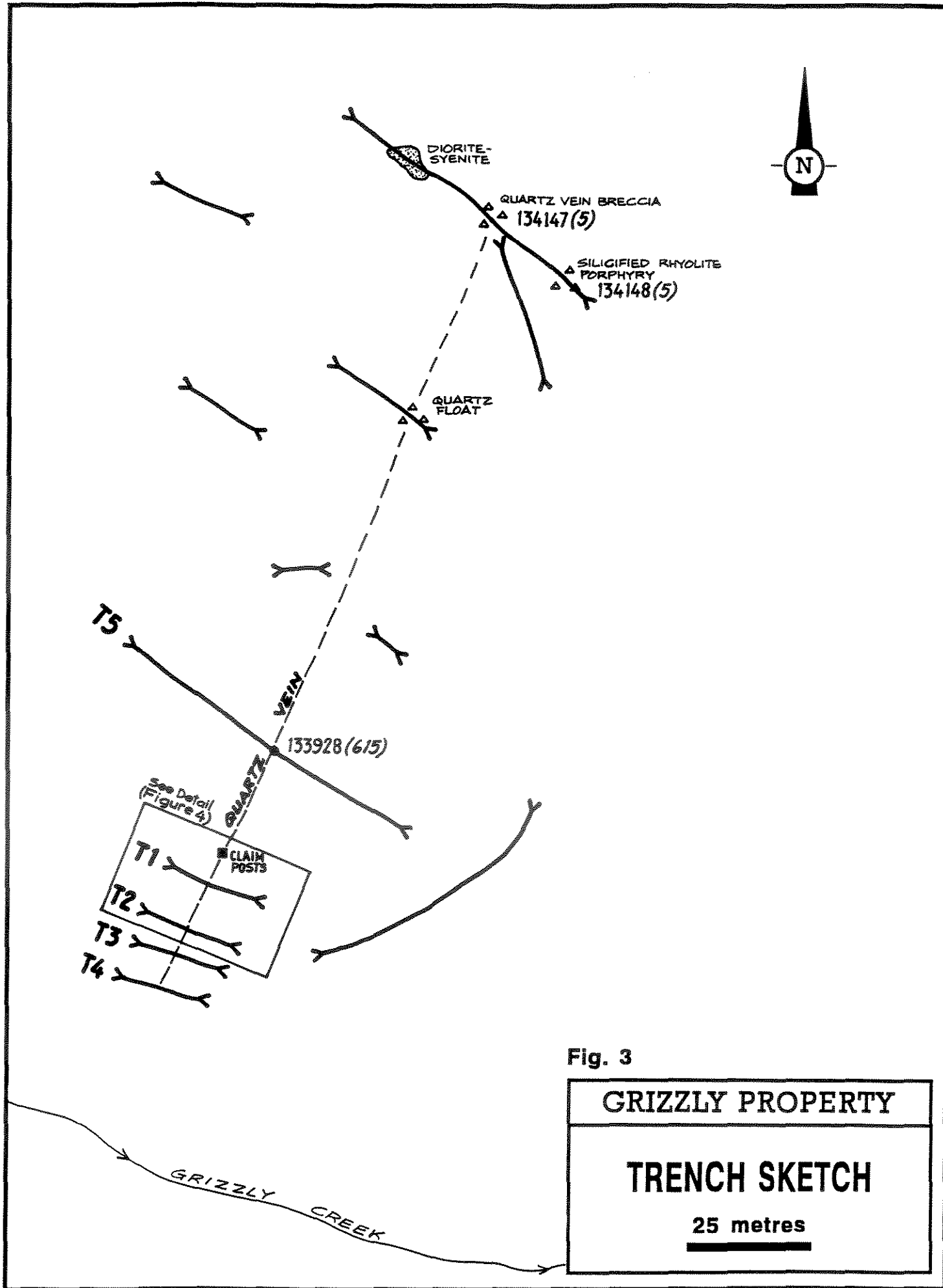


Fig. 3

GRIZZLY PROPERTY

TRENCH SKETCH

25 metres



GRIZZLY
3,4,5,6
Claim Posts

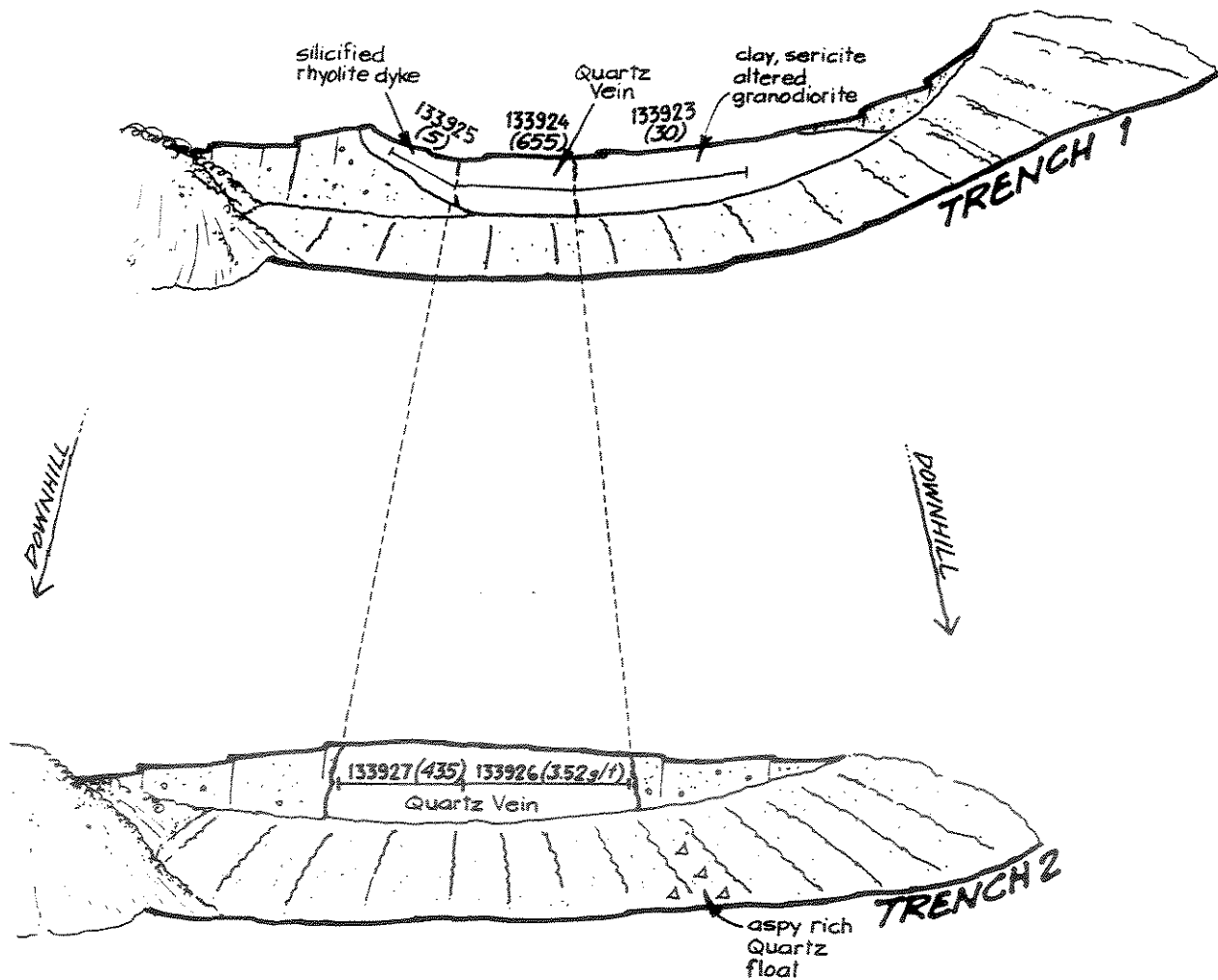


Fig. 4

GRIZZLY PROPERTY

TRENCH 1&2 SKETCH

2.5 metres

Values: Au in ppb
(unless otherwise stated)

7. GEOCHEMISTRY (Figure 4)

a) Procedure

A total of 8 rock samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia digestion. Au was analyzed by fire assay preconcentration with an atomic absorption finish. Lab procedures and results are outlined in Appendix II.

b) Results and Interpretation

A chip sample across the Grizzly Vein exposed in Trench 1, at the main showing area, returned only 0.7 g/t across 1.5 m, (sample 133924). However, just 9m below this trench towards the creek, in Trench 2, the vein widens and increases in grade. Two chip samples across the vein exposed in Trench 2 returned 3.5 g/t Au, 8.8 g/t Ag over 1.5m, (sample 133926) and 0.4 g/t Au over 2m, (sample 133927). Two previous chip samples from the vein, probably from this trench, averaged 7.2 g/t Au over 3.5m and 15.3 g/t over 1.5m. A chip sample from the vein in Trench 5, 15m to the northeast, returned 0.6 g/t Au, 4.4 g/t Ag across 1.5m, (sample 133928).

The main vein also contains anomalous As, up to 3810 ppm in sample 133927, and minor Sb (15 ppm-ICP).

A sample of scattered quartz vein breccia float, east of the main trenches, was not anomalous except for 175 ppm As, (sample 134147).

The wall rocks were not anomalous in precious metals but did contain anomalous As, up to 1150 ppm, (samples 133923, 25, 28, and 134178).

The Au values appear to be more concentrated in the more pyritic and brecciated footwall side of the vein. Au is probably also related to the arsenopyrite content but a direct relationship is not evident. The variation in chip sample results is probably related to the erratic nature of Au and variation in the amount of sulfide in the vein, where sampled.

8. CONCLUSIONS AND RECOMMENDATIONS

Although the vein is generally low grade at surface, values up to 15.3 g/t over 1.5m have been obtained with limited work. The dip potential has never been tested and the vein is open in both directions along strike.

In addition, the association of the vein with rhyolite porphyry dykes and to the Casino granodiorite, association with local structures, proximity to major structures and association with Cu, Mo porphyry mineralization constitute favourable exploration criteria for the discovery of precious metal veins within the Mt. Nansen camp.

It is recommended that additional mechanized trenching be conducted, particularly towards Grizzly Creek, since the values increase in this direction.

APPENDIX I

Selected References

Carlson, G., 1987; Geology of Mt. Nansen and Stoddard Creek map areas, Dawson Range, central Yukon. DIAND O.F. 1987-2.

Curley, E., 1991; Assessment Report #092945 by D. Brent.

Mineral Industry Report, 1974; p. 125.

Templeman-Kluit, D., 1984; GSC O.F. 1101.

Yukon Minfile, 115I 085.

APPENDIX II

Geochemical Procedure and Results

RECEIVED FROM 604 573 4557

9-Aug-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 94-561
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: Jean Pautler

9 rock samples received August 8, 1994
PROJECT #: 1389-5 (YK)

Yukon REGIONAL - Grizzly

Et #.	Tag #	Au g/t	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Grizzly 2	133923	7-8' chip	30	0.8	0.65	285	770	<5	0.67	3	27	63	31	3.07	<10	0.02	919	7	<.01	4	1200	44	<5	<20	11	<.01	<10	36	<10	9	47
3	133924	9 v 5'	655	2.6	0.05	2555	105	60	0.03	24	10	142	37	4.88	<10	<.01	128	17	<.01	3	<10	64	15	<20	10	<.01	<10	4	<10	<1	16
4	133925	1m	5	<.2	0.18	785	75	<5	0.03	7	5	99	29	2.07	<10	<.01	66	18	<.01	2	80	26	<5	<20	16	<.01	<10	3	<10	<1	22
9v-5'5	133926	3.52	>1000	8.6	0.05	1670	80	225	0.03	16	10	189	47	6.49	<10	<.01	111	20	<.01	4	<10	126	15	<20	4	<.01	<10	4	<10	<1	20
9v-6'5'6	133927		435	1.4	0.08	3810	220	20	0.04	36	14	184	41	2.76	<10	<.01	70	21	<.01	6	30	32	10	<20	12	<.01	<10	6	<10	<1	16
5'7	133928		615	4.4	0.12	1150	80	45	0.05	11	19	198	51	2.63	<10	<.01	319	53	<.01	4	80	40	<5	<20	14	<.01	<10	15	<10	<1	30
9v-6'8	134147		5	<.2	0.13	175	50	<5	0.11	2	4	204	9	1.10	<10	<.01	277	14	<.01	6	110	16	<5	<20	10	<.01	<10	8	<10	<1	16
Rbx #19	134178		5	0.4	0.29	30	1305	<5	7.74	<1	7	65	6	1.86	<10	0.08	637	5	<.01	4	260	12	<5	<20	66	<.01	<10	12	<10	11	30

QC/DATA:


Repeat #:

1	133915			0.2	0.11	130	25	<5	0.03	1	2	196	6	0.52	<10	0.03	123	14	<.01	4	40	200	<5	120	9	<.01	<10	4	<10	<1	10
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Standard 1991

				1.0	1.90	65	165	<5	1.89	1	21	68	87	4.38	<10	0.92	728	<1	0.02	28	660	30	5	<20	63	0.11	<10	86	<10	10	80
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XLS/Teck
dt/567


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

08.17.1994 17:02

**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy, Kamloops, B.C. V5C 2J5 (604) 879-8700 Fax 873-4887

SAMPLE PREPARATION: ROCK/CORE

The samples are dried (if wet), crushed in two stages, blended and mechanically split to give a 250 to 300 gram subsample.

The subsample is pulverized in a "Ring and Puck" pulverizer to approximately -150 mesh (80% < -180 mesh).

The subsample is blended by rolling the sample 60 times on glazed paper.

ANALYSIS:**GOLD ANALYSIS:**

Gold is analyzed by conventional fire assay, Atomic Absorption finish.

Samples showing gold content greater than one gram per tonne are automatically re-assayed to verify the first set of results and to determine if a nugget effect exists.

Samples having gold values exceeding five grams per tonne are normally assayed for "Metallics". The procedure involves taking a re-cut from the rejects and screening the new pulp to -140 mesh. The entire +140 mesh fraction is assayed separately. Two individual assays are performed on the -140 fraction and all the results are pro-rated to give the reported value.

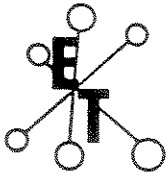
Each set of forty samples assayed have one ore standard and one random duplicate sample included in the set.

GEOCHEMICAL ANALYSES: AU, CU, PB, ZN

We use a 0.500 gram sample which is digested in aqua regia for 2 hours at 95°C.

Elements are analyzed by atomic absorption using background correction for Ag and Pb.

Each set of forty samples will include one ore standard and one random duplicate sample. Samples giving silver values greater than 30 ppm are normally assayed. Assays for Cu, Pb, Zn are normally performed on samples having values greater than 1000 ppm.



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

GEOCHEMICAL LABORATORY METHODS

Multi Element ICP Analyses

Digestion: 1 gram sample is digested with 6 ml dilute aqua regia in a waterbath at 90°C for 90 minutes and diluted to 20 ml.

Analysis: Inductively coupled Plasma.

APPENDIX III

Statement of Expenditures

Wages:	J. Pautler	1 day @ 261.00/day	261.00	
	J. Dickie	1 day @ 232.00/day	232.00	
		Total: 2 man-days		\$ 493.00
Geochemistry:	8 rocks @20.00 ea.	ICP + Au		160.00
Meals, Accommodation:	2 man-days @ \$50.00/day			100.00
Helicopter:	Trans North Air, Carmacks, Y.T			
	Aug. 4	0.7 Hr	@\$ 700.00/hr.	490.00
			fuel	60.00
				550.00
Field Supplies:	(flagging tape, thread, sample bags)			
	2 man-days @ \$10.00			\$ 20.00
Maps & Prints:				\$ 36.00
Report & Drafting:				<u>\$ 200.00</u>
		GRAND TOTAL:		\$1,559.00
Total Amount Applied for Assessment				\$ 1,200.00

APPENDIX IV

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

- 1) I am a geologist and have worked in the Canadian Cordillera for the past fourteen years.
- 2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980).
- 3) I am a Professional Geoscientist and a Fellow of the Geological Association of Canada.
- 4) I visited and conducted exploration on the GRIZZLY claims on August 4, 1994.

A handwritten signature in cursive script that reads "Jean Pautler". The signature is written in dark ink and is positioned above a solid horizontal line.

Jean Pautler
Project Geologist.