

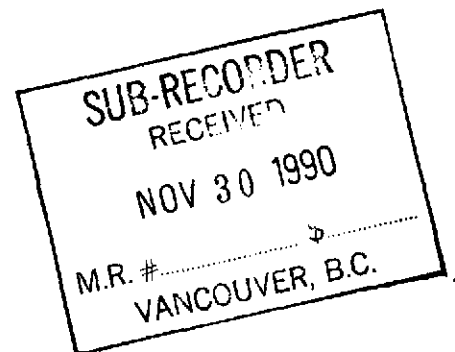
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TRENCHING REPORT
ON THE
DEVON V, DEVON VI AND DEVON VII CLAIMS

RECORD NO. 6569-6571
LIARD MINING DIVISION
NTS 104 G/3W
131° 20' W and 57° 06' N

OWNER AND OPERATOR: TERESA ANN LAZEO
#126-1859 Woodway Place
Burnaby, B.C. V5B 4T6

AUTHOR: Greg L. Ven Huizen, P.Eng.
3889 Hudson Street
Vancouver, B.C. V6H 3A9
26 November 1990



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,587

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SUMMARY

The author was requested to write this report on trenching and prospecting performed by Mr. J. Ruza, prospector during 22 June to 2 July 1990 on the Devon V, Devon VI and Devon VII claims owned and operated by Teresa Ann Lazeo. The report is based entirely on information supplied by Mr. Ruza and on reference materials as listed.

The Devon V-VII claims are located 6 km SE of the Galore Creek deposits where 113,000,000 tonnes of reserves grading 1.06% Cu, .397 g Au and 7.94 g Ag has been geologically measured.

The claim area is underlain primarily by a series of volcanic and sedimentary rock of Upper Triassic age which in the Galore Creek area are intruded by syenite, orthoclase porphyry, monzonite and/or pyroxenite. The trenches were blasted in gossanous zones in the volcanics and sedimentary rocks containing pyrriferous and cupriferous minerals.

The trenching consisted of 9 dynamited trenches totalling 27 meters in length with a total of approximately 8.0 m³ of rock moved. Fourteen rock samples were taken from the trenches and were analyzed by Min-En Laboratories in North Vancouver. The analytical results show values up to 25000 ppm Cu and 20.0 ppm Ag from sample Devon6 #3 which was a piece of heavily mineralized float with chalcopyrite and malachite.

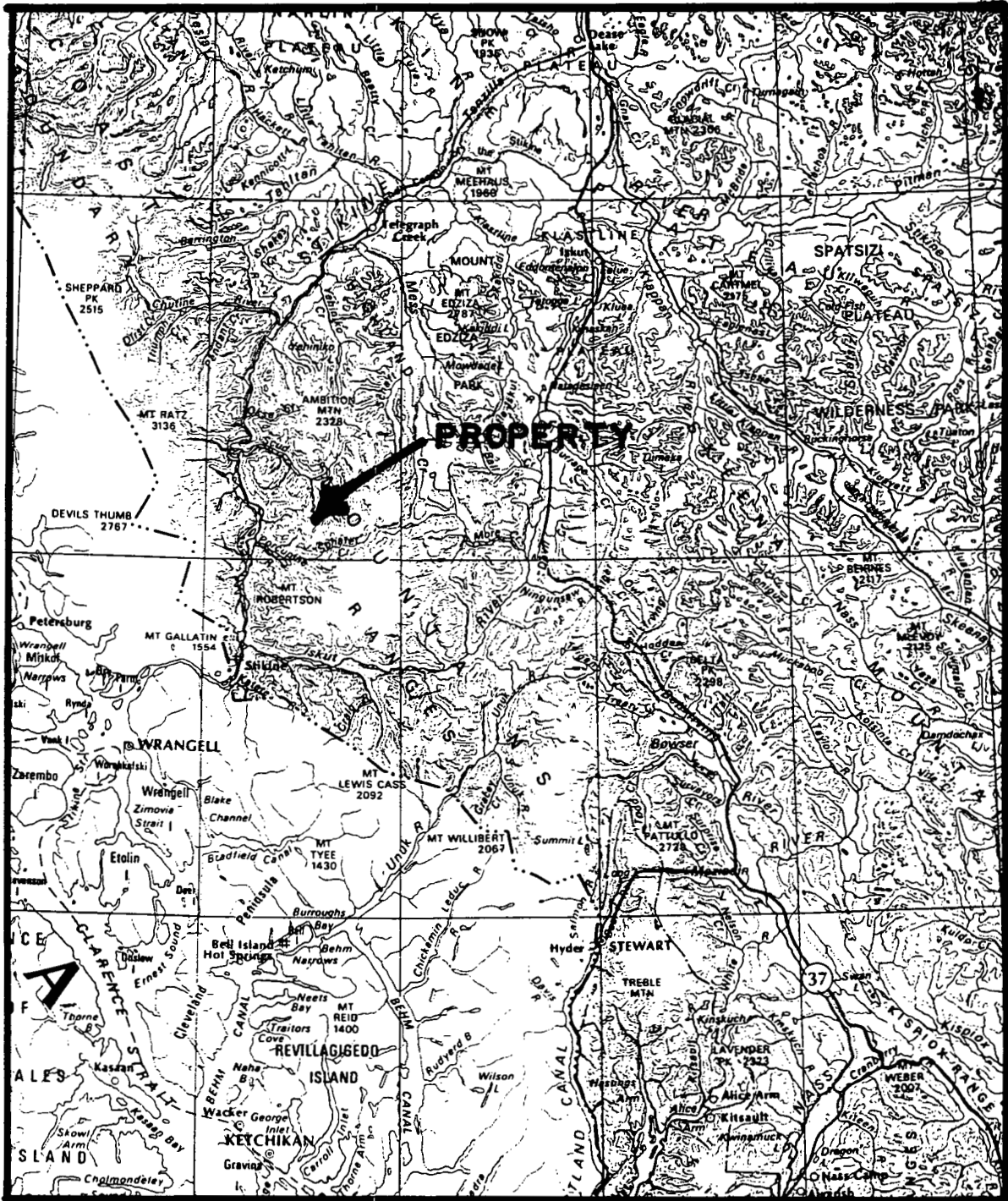


FIGURE 1 GENERAL LOCATION OF PROPERTY



A) Geographic and Physiographic Position

The property is located at 131° 20' W and 57° 06' N on NTS map 104 G/3 100 km south of the town of Telegraph Creek, British Columbia. The closest road is Highway 37 which runs N-S about 80 km east of the property. A fixed wing airstrip is located on the Scud River about 30 km NW of the property.

The property lies in rugged topography at elevations of 1050 to 2000 meters above sea level. About 70% of the property is covered by glacial ice. Sphaler Creek is about 6 km south of the property at an elevation of 300 meters above sea level. Sphaler Creek flows west into the the Porcupine River and then to the Stikine River located about 25 km west of the property.

Access to the property is by helicopter.

B) Property Definition

The property consists of three claims:

<u>Claim name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>	<u>Mng Division</u>
Devon V	20 (4s x 5w)	6569	19 October 91	Liard
Devon VI	18 (3n x 6w)	6570	19 October 91	Liard
Devon VII	18 (3n x 6e)	6571	19 October 91	Liard

The record holder is Maria Teresa Lazeo of Burnaby B.C.

C) History of the Area

Interest in the area dates back to 1873 when placer mining commenced on the Stikine River gravel bars. Prospecting for

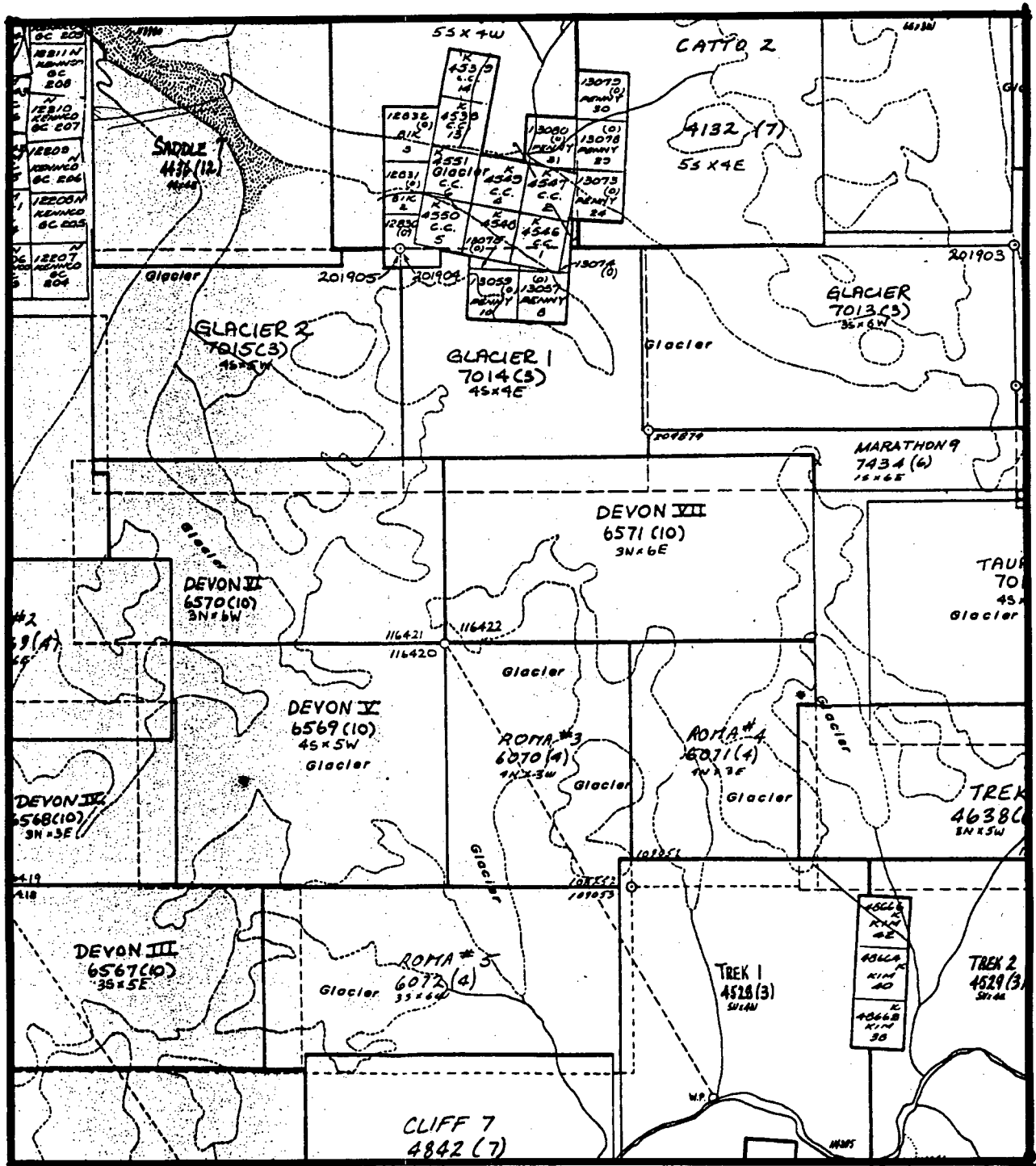


FIGURE 2 CLAIM MAP- DEVON V, DEVON VI AND DEVON VII

SCALE 1:50,000- FROM BCDEMPR MAP M104 G/3W



placer gold continued through the Cassiar gold rushes of 1873 to 1875 and the Klondike rush of 1896 to 1900 when the Stikine River was the route of thousands of prospectors to the interior. Exploration was confined mainly to the river valley and resulted in the discovery of numerous small showings along the Stikine.

After 1955 prospecting of the more remote areas by Hudson Bay Mining and Smelting Company was initiated using helicopters supporting large exploration crews. Since then many of the areas have been investigated through geophysical, geochemical and conventional prospecting methods. A large number of prospects have been trenched and diamond drilled.

The Galore Creek deposit (#2 on Figure 3) has 113,000,000 tonnes of geologically measured reserves grading 1.06% Cu, .397 g Au and 7.94 g Ag and is located about 5 km west of the Devon V-VII property.

The Copper Canyon showings (#12 on Figure 3) has geologically similarities to the Galore Creek deposit and is located about 1 km north of the Devon V-VII property.

The Goat showing (#15 on Figure 3) is described as disseminated copper minerals occurring in altered and brecciated Upper Triassic volcanic rocks and is located about 5 km southeast of the Devon V-VII property.

The Bik showings (#10 on Figure 3) adjoins the Galore Creek property on the north and east. The geology is similar to Galore Creek but evidence of copper mineralization is limited. The Bik showings are about 7 km northwest of the property.

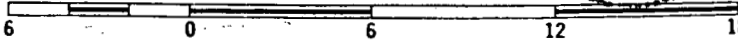
GENERAL GEOLOGY AND MINERALIZATION

The area is underlain by granitic and metamorphic rocks of the Coast Crystalline complex which forms the core of the northwesterly trending Coast Geanticline and the northeasterly trending Stikine Arch. The latter exerted a profound influence on Mesozoic sedimentation and structure around its margins. The arch is bounded on the east and northeast by an extension of the Whitehorse Trough in which great thicknesses of volcanic and clastic sedimentary rocks were deposited during the late Triassic and early Jurassic time. The claims are mapped as being underlain by volcanic and sedimentary rocks of Upper Triassic age.

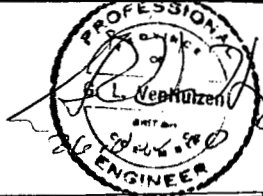
The Galore Creek body is shown as being influenced by intrusive bodies of equidimensional plutons characterized by a high content of potash feldspar and sodic plagioclase, and an absence of quartz. The bodies are often porphyritic and very coarse grained and are intrusive into Upper Triassic volcanic and sedimentary rocks. In addition to the large masses of syenite porphyry the complex includes a prominent equigranular granitized unit, a multitude of porphyry dikes and highly altered equivalents of the Mesozoic assemblage. The Galore Creek deposits are found mainly within and around the margins of the complex in brecciated zones and are made up of tabular bodies of vein, breccia and disseminated mineralization which are classified as replacement bodies (skarns), hydrothermal and porphyry.



FIGURE 3- REGIONAL GEOLOGY

SCALE 1:250,000  18 Kilometres

FROM GSC MAP 11-1971 "GEOLOGY TELEGRAPH CREEK"



LEGEND FOR FIGURE 3

LEGEND

QUATERNARY PLEISTOCENE AND RECENT

- 29** Fluvialite gravel; sand, silt; glacial outwash, till, alpine moraine and colluvium
- 28** Hot-spring deposit, tufa, aragonite
- 27** Olivine basalt, related pyroclastic rocks and loose tephra; younger than some of 29

TERTIARY AND QUATERNARY UPPER TERTIARY AND PLEISTOCENE

- 26** Rhyolite and dacite flows, lava domes, pyroclastic rocks and related subvolcanic intrusions; minor basalt
- 25** Basalt, olivine basalt, dacite, related pyroclastic rocks and subvolcanic intrusions; minor rhyolite; in part younger than some 26

CRETACEOUS AND TERTIARY UPPER CRETACEOUS AND LOWER TERTIARY SLOKO GROUP

- 24** Light green, purple and white rhyolite, trachyte and dacite flows, pyroclastic rocks and derived sediments
- 22, 23** 22. Biotite leucogranite, subvolcanic stocks, dykes and sills
23. Porphyritic biotite andesite, lava domes, flows and (?) sills

SUSTUT GROUP

- 21** Chert-pebble conglomerate, granite-boulder conglomerate, quartzose sandstone, arkose, siltstone, carbonaceous shale and minor coal
- 20** Felsite, quartz-feldspar porphyry, pyritiferous felsite, orbicular rhyolite; in part equivalent to 22
- 19** Medium-to coarse-grained, pink biotite-hornblende quartz monzonite

JURASSIC AND/OR CRETACEOUS POST-UPPER TRIASSIC PRE-TERTIARY

- 18** Hornblende diorite
- 17** Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite

JURASSIC MIDDLE (?) AND UPPER JURASSIC BOWSER GROUP

- 16** Chert-pebble conglomerate, grit, greywacke, subgreywacke, siltstone and shale; may include some 13

MIDDLE JURASSIC

- 15** Basalt, pillow lava, tuff-breccia, derived volcanoclastic rocks and related subvolcanic intrusions

LOWER AND MIDDLE JURASSIC

- 14** Shale, minor siltstone, siliceous and calcareous siltstone, greywacke and ironstone

LOWER JURASSIC

- 13** Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone; basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcanoclastic rocks

TRIASSIC AND JURASSIC POST-UPPER TRIASSIC PRE-LOWER JURASSIC

- 12** Syenite, orthoclase porphyry, monzonite, pyroxenite
- HICKMAN BATHOLITH**
- 10, 11** 10. Hornblende granodiorite, minor hornblende-quartz diorite 11. Hornblende, quartz diorite, hornblende-pyroxene diorite, amphibolite and pyroxene-bearing amphibolite

TRIASSIC UPPER TRIASSIC

- 9** Undifferentiated volcanic and sedimentary rocks (units 5 to 6 inclusive)
- 8** Augite-andesite flows, pyroclastic rocks, derived volcanoclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic conglomerate
- 7** Siltstone, thin-bedded siliceous siltstone, ribbon chert, calcareous and dolomitic siltstone, greywacke, volcanic conglomerate, and minor limestone
- 6** Limestone, fetid argillaceous limestone, calcareous shale and reefoid limestone; may be in part younger than some 7 and 8
- 5** Greywacke, siltstone, shale; minor conglomerate, tuff and volcanic sandstone

MIDDLE TRIASSIC

- 4** Shale, concretionary black shale; minor calcareous shale and siltstone

PERMIAN MIDDLE AND UPPER PERMIAN

- 3** Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff

PERMIAN AND OLDER

- 2** Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone

MISSISSIPPIAN

- 1** Limestone, crinoidal limestone, ferruginous limestone; maroon tuff, chert and phyllite

- B** Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic

- A** Ultramafic rocks; peridotite, dunite, serpentinite; age unknown, probably pre-Lower Jurassic

- Geological boundary (defined and approximate, assumed)
- Bedding (horizontal, inclined, vertical, overturned)
- Anticline
- Syncline
- Fault (defined and approximate, assumed)
- Thrust fault, teeth on hanging-wall side (defined and approximate, assumed)
- Fossil locality
- Mineral property
- Glanier

INDEX TO MINERAL PROPERTIES

1. Liard Copper	5. Bam	9. MH	13. Ann. Bu
2. Galore Creek	6. Gordon	10. BIK	14. SF
3. QC, QCA	7. Limpoke	11. JW	15. Goat
4. Nabe	8. Poke	12. Copper Canyon	16. Mary

E) Purpose of the Work Program

The purpose of the trenching and prospecting program was to investigate several gossanous zones which were found by Mr. Ruza.

F) Results and Interpretation

The trench and sample locations are presented on figures 3, 4, 5 and 6. The results of analyses are found in Appendix 1 of this report.

The trenches were located in gossanous trends found within volcanic and sedimentary rocks. The selected samples from the trenches are described as follows:

<u>Sample</u>		<u>Description</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>
Devon5	#1	Selected sample from volcanic rock	1	1.7	275
Devon5	#2	Selected sample from gossanous volcanic rock	3	1.3	122
Devon5	#3	Selected sample from gossanous volcanic rock	1	6.6	6400
Devon5	#4	Selected sample from volcanic rock	2	1.9	68
Devon6	#1	Selected sample from gossanous volcanic rock	4	5.8	3750
Devon6	#2	Selected sample from gossanous volcanic rock	2	1.2	164

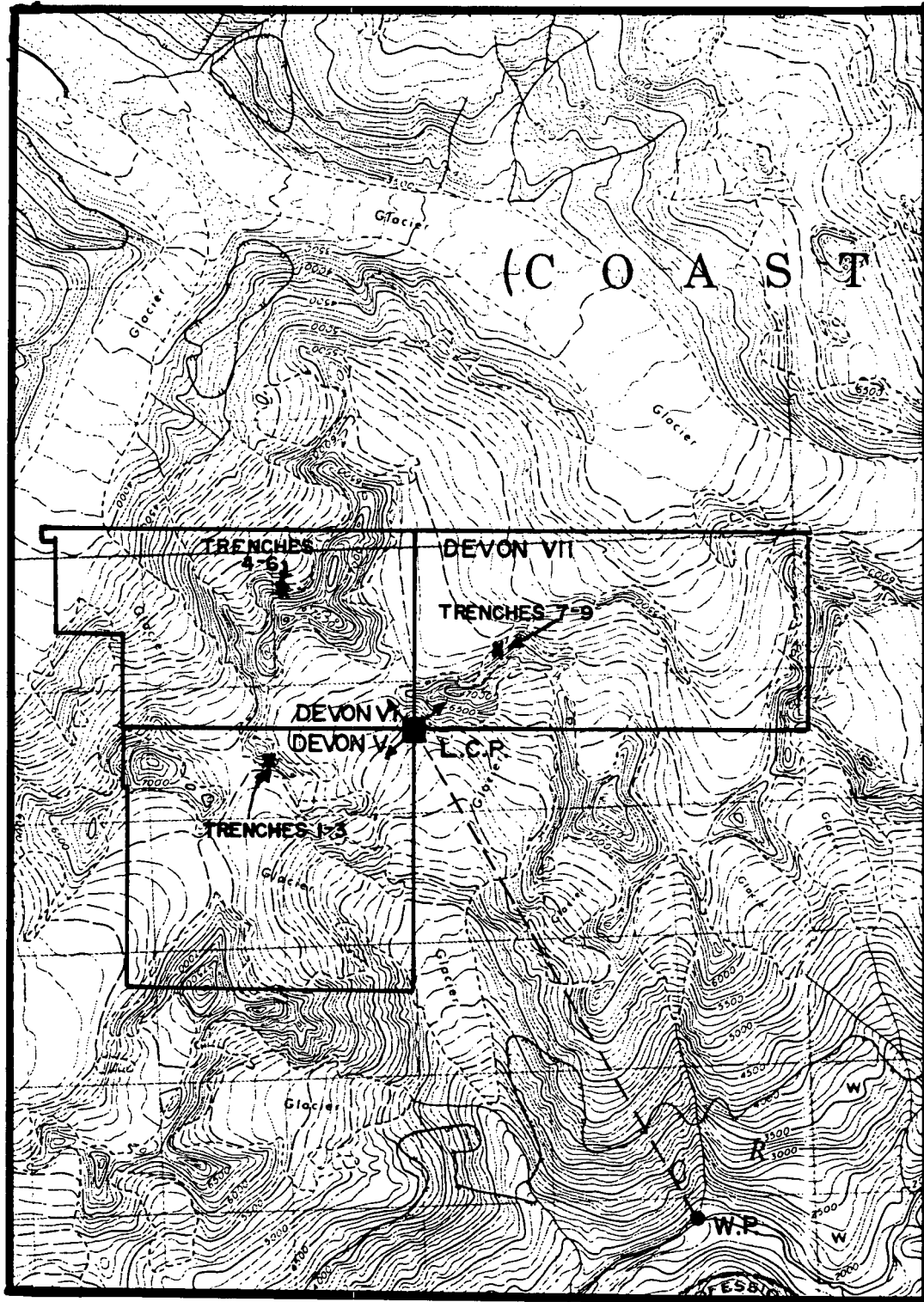
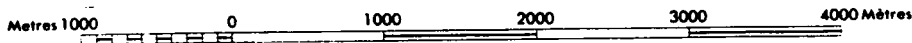


FIGURE 4- TOPOGRAPHY AND TRENCH LOCATIONS

SCALE 1:50,000 (FROM NTS 104G/3 "SPHALER CREEK")



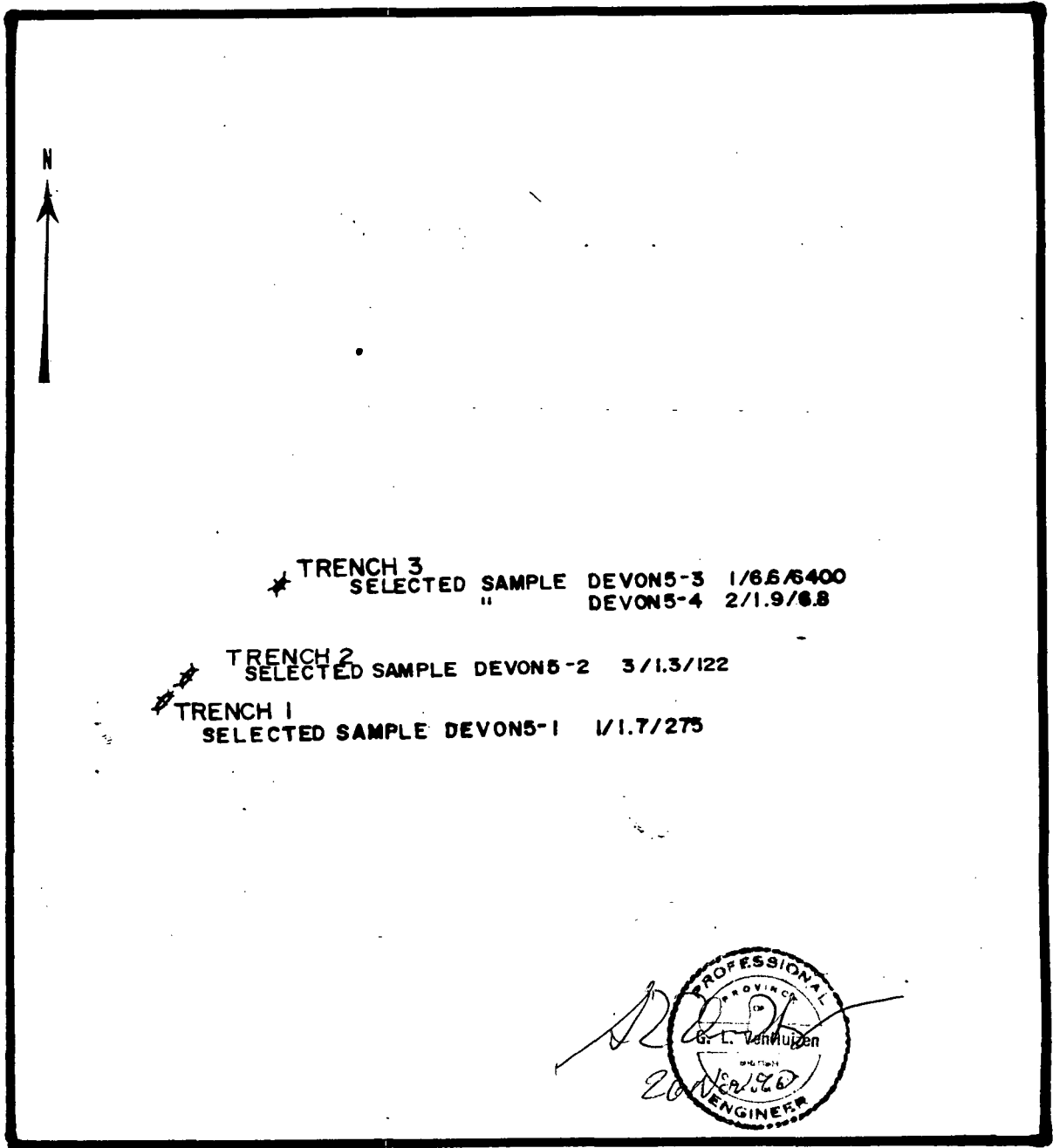


FIGURE 5- TRENCHES AND SAMPLE RESULTS- DEVON V CLAIM

SCALE 1:2000 0 100 200M

TRENCH	SAMPLE	Au (ppb)	Ag (ppm)	Cu (ppm)
<i>1</i>	GLACIER-1	23	3.4	2450

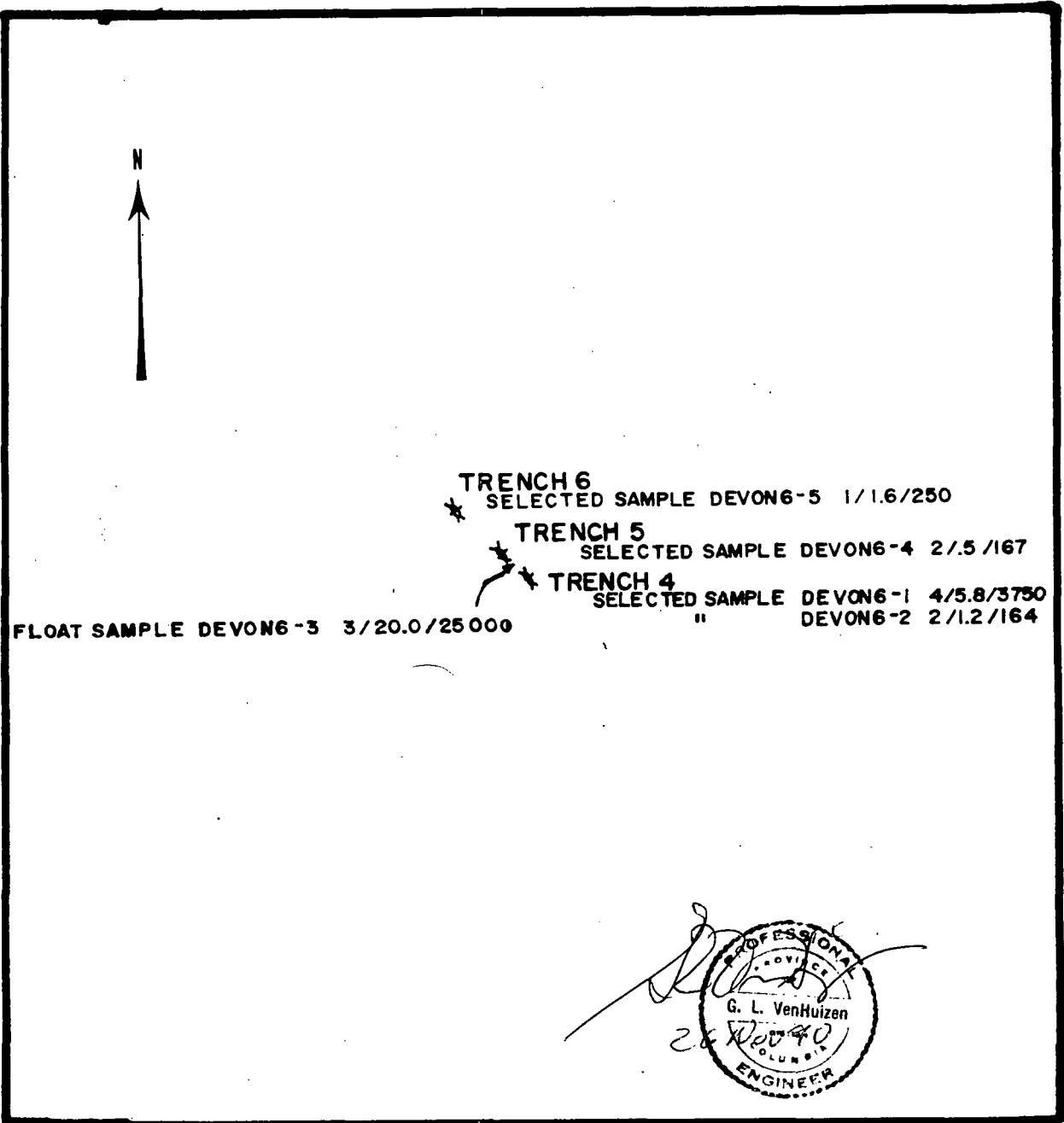


FIGURE 6- TRENCHES AND SAMPLE RESULTS- DEVON VI CLAIM

SCALE 1:2000 0 100 200M

TRENCH	SAMPLE	Au (ppb)	Ag (ppm)	Cu (ppm)
*	GLACIERI-1	10	3.4	2600

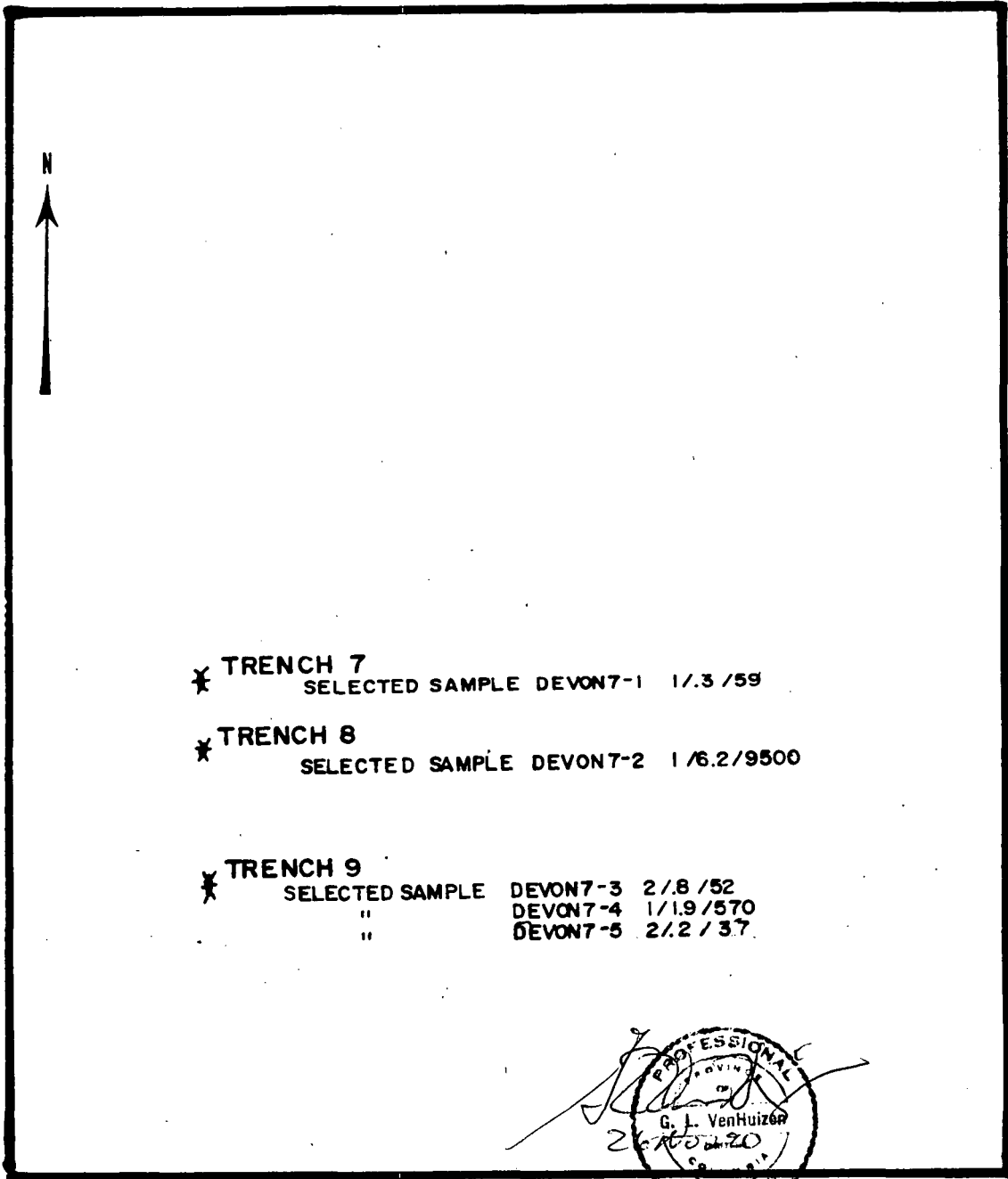


FIGURE 7- TRENCHES AND SAMPLE RESULTS- DEVON VII CLAIM

SCALE 1:2000 0 100 200M

TRENCH	SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)
7	GLACIER2-3	5	1.2	340

Devon6	#3	Piece of float heavily mineralized with pyrite, chalcopyrite and malachite (from 8m NW of Trench 4)	3	20.0	25000
Devon6	#4	Selected sample from volcanic rock	2	.5	167
Devon6	#5	Selected sample from volcanic rock	1	1.6	250
Devon7	#1	Selected sample from sedimentary & volcanic rock	1	.3	59
Devon7	#2	Selected sample from gossanous volcanic rock	1	6.2	9500
Devon7	#3	Selected sample from limestone & volcanic rock	2	.8	52
Devon7	#4	Selected sample from limestone & volcanic rock	1	1.9	570
Devon7	#5	Selected sample from limestone & volcanic rock	2	.2	37



The results indicate copper mineralization which due to the property's proximity to the Galore Creek deposits and other showings in the area should receive further investigation. Mapping of the area should be undertaken, particularly to find syenite intrusives which may form breccia zones along contacts with the volcanic and sedimentary rocks which in the Galore Creek area host major copper deposits.

CONCLUSIONS AND RECOMMENDATIONS

Copper mineralization has been found by Mr. Ruza with values as high as 25000 ppm being reported. GSC map 11-1971 shows that the claim area is underlain by volcanic and sedimentary rocks similar to those found in the Galore Creek area and other showings around the property. Due to the proximity of the Galore Creek deposit the trenching should be followed up with geological mapping, sampling, VLF-Em and magnetometer surveys to investigate for breccia zones along syenite intrusive contacts similar to those found at Galore Creek.

A Phase I program consisting of geological mapping and sampling, VLF-EM and magnetometer surveys is recommended.

Respectfully submitted,


Greg L. Ven Huizen P. Eng.
26/08/80


COST STATEMENT


J. Ruza & helper 7 days@ \$350(27 June-2 July 90) ..\$	2450
Blasting supplies.....	450
Transportation and helicopter.....	2500
Assays.....	320
Food and camp supplies.....	520
Report.....	<u>500</u>
TOTAL.....	\$ 6740

Certificate of Qualifications

I Greg L. Ven Huizen of 3889 Hudson Street, Vancouver, British Columbia V6H 3A9, certifies as follows:

- 1) I am a graduate of the University of Minnesota with a Bachelor of Geo-Engineering Degree (Exploration Option) with Distinction, 1979.
- 2) I am a Registered member of the Association of Professional Engineers of the Province of British Columbia, No. 14,584.
- 3) I have been practicing my profession since graduation in U.S.A., Mexico and Canada.
- 4) This report is based on information provided to me by Mr. J. Ruza and on the references cited.
- 5) I have no interest in the property covered by this report (Devon V, Devon VI and Devon VII claims).

Respectfully submitted,


Greg L. Ven Huizen, P.Eng.

26 November 1990

BIBLIOGRAPHY

Minfile, pages 700, 703, 706, 709, 710, 718 and 721

Geological Survey of Canada Paper 71-44 (with Map 11-1971), J.G. Souther, 1972

BCDEMPR Map M104 G/3W, 25 October 1990

NTS Map 104 G/3, 1974

Notes from and conversations with J. Ruza, November 1990

APPENDIX

Geochemical Analysis Certificate

OV-1592-RG1

Company: **RUZA RESOURCES**
Project: **GLACIER/DEVON**
Attn: **JAROSLAV RUZA**

Date: **OCT-16-90**
Copy 1. **RUZA RESOURCES, VANCOUVER, B.C.**

We hereby certify the following Geochemical Analysis of 26 ROCK samples submitted OCT-10-90 by J. RUZA.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM	ZN PPM
GLACIER #1	3	1.8	850	21
GLACIER #2	2	13.4	15800	154
GLACIER #3	2	1.7	685	27
GLACIER1 #1	5	2.2	2600	53
GLACIER1 #2	22	4.5	8600	138
GLACIER1 #3	1	1.0	83	40
GLACIER1 #4	1	19.7	28000	106
GLACIER1 #5	3	5.8	3350	79
GLACIER2 #1	1	3.2	3500	42
GLACIER2 #2	1	5.6	8900	114
GLACIER2 #3	4	1.1	86	51
GLACIER2 #4	2	2.4	2020	38
DEVON5 #1	1	1.7	275	70
DEVON5 #2	3	1.3	122	79
DEVON5 #3	1	6.6	6400	144
DEVON5 #4	2	1.9	68	116
DEVON6 #1	4	5.8	3750	118
DEVON6 #2	2	1.2	164	99
DEVON6 #3	3	20.0	25000	78
DEVON6 #4	2	.5	167	57
DEVON6 #5	1	1.6	250	102
DEVON7 #1	1	.3	59	56
DEVON7 #2	1	6.2	9500	80
DEVON7 #3	2	.8	52	29
DEVON7 #4	1	1.9	570	93
DEVON7 #5	2	.2	37	52

*Flot Heavy MINERALIZATION
Chlorite/Pyrite and/or Calcite*

Certified by 
MIN-EN LABORATORIES