

LOG NO: 1026	RD.
ACTION:	
FILE NO: 87-666-16310	

ASSESSMENT REPORT

DIAMOND DRILLING  
 OUTLAW 1 - 2 CLAIMS  
 ATLIN MINING DIVISION  
 TRAPPER LAKE AREA, B.C.

104K/10E

LATITUDE 58°<sup>32'12"</sup>~~33~~°N

LONGITUDE 132°<sup>44'45"</sup>~~44~~°W

OWNER: CHEVRON MINERALS LTD.

OPERATOR: CHEVRON CANADA RESOURCES LIMITED

Authors: Lorie Moffat  
 Godfrey Walton

September 1987  
 GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

16,310

FILMED

## TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	4
LOCATION AND ACCESS	4
CLAIMS STATUS	4
PREVIOUS WORK	7
REGIONAL GEOLOGY	7
DRILL HOLE GEOLOGY	8
DIAMOND DRILLING	10
CONCLUSIONS AND RECOMMENDATIONS	11
REFERENCES	12
COST STATEMENT	13
STATEMENT OF QUALIFICATIONS	14
APPENDIX A - Geochemical Preparation and Analytical Procedure	16
APPENDIX B- Core Logging - Geolog System	19
- Drill Logs and Assay Data	21

## LIST OF FIGURES

	<u>Page</u>
Figure 1: LOCATION MAP (1:1,000,000)	5
Figure 2: CLAIM LOCATIONS (1:50,000)	6
Figure 3: DIAMOND DRILL HOLE LOCATION (1:5000)	in pocket
Figure 4: DRILL HOLE 87-0-2 CROSS SECTION (1:500)	in pocket

## INTRODUCTION

An HQ-NQ hole was drilled on the OUTLAW claims to intersect a mineralized clay zone that was identified in 1984. Hole 87-0-2 was commenced on June 24 and completed on July 02, 1987 at a downhole depth of 232.26 metres. Drilling was contracted to Connors Drilling and helicopter support was provided by Trans North Air and Northern Mountain Helicopters. The core has been stored at the base camp on Tatsamenie Lake.

## LOCATION AND ACCESS

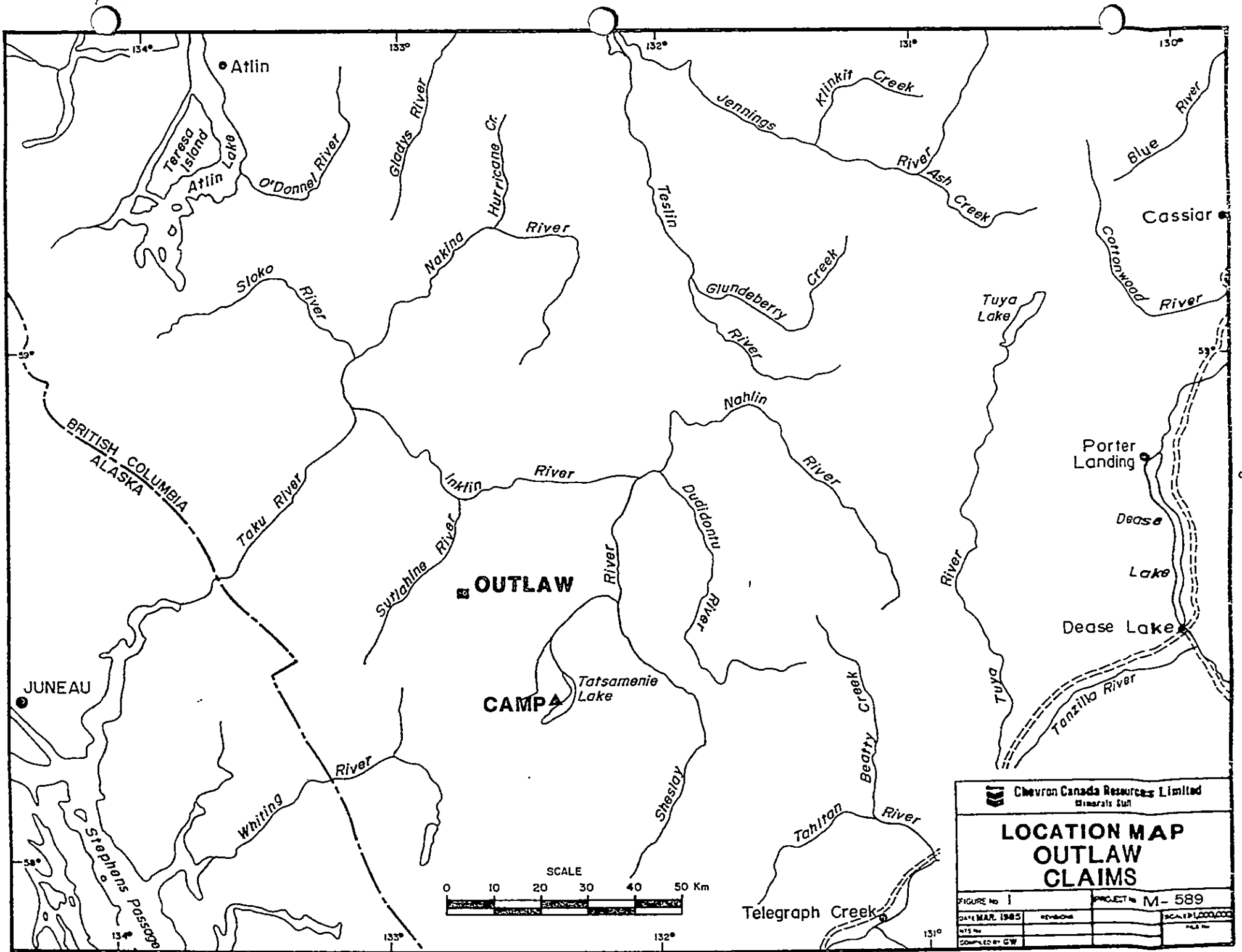
The OUTLAW claims are located at latitude 58°33'N and longitude 132°44'W, approximately seven kilometers northwest of Trapper Lake. A base camp was established on the southwest shore of Tatsamenie Lake, at 58°14'N, 132°24'W. A Bell 206B Jet Ranger helicopter provided daily access to the property. Supplies were flown to the Tatsamenie Lake campsite from Dease Lake, British Columbia by Cessena 206 aircraft.

## CLAIM STATUS

The OUTLAW claims were staked in July, 1981 by Chevron personnel. The following table summarizes the pertinent information:

<u>CLAIM</u>	<u>RECORD NUMBER</u>	<u>RECORD DATE</u>	<u>NUMBER OF UNITS</u>
OUTLAW 1	1339	July 9, 1981	20
OUTLAW 2	1340	July 9, 1981	20

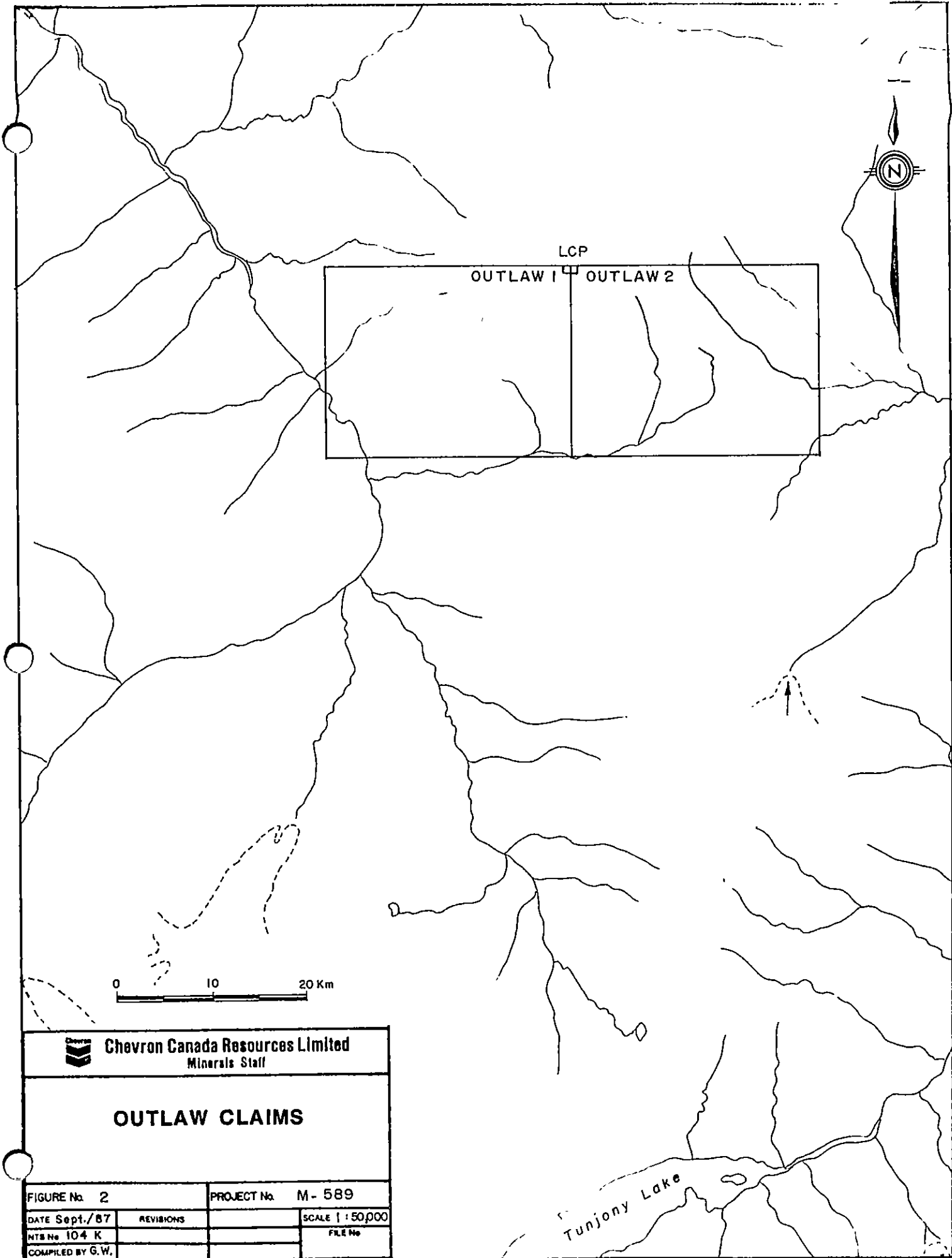
The OUTLAW claims adjoin ground previously staked as the THORN and KAY claim groups. These older claim blocks cover a porphyry copper prospect in Thorn Creek. The ground currently covered by the OUTLAW group was previously unstaked.



**Chevron Canada Resources Limited**  
 Minerals Staff

**LOCATION MAP  
 OUTLAW  
 CLAIMS**

FIGURE No 1	PROJECT No M- 589
DATE MAR. 1985	SCALE 1:50,000
NTS No	PAGE No
COMPILED BY GW	



**Chevron Canada Resources Limited**  
Minerals Staff

**OUTLAW CLAIMS**

FIGURE No. 2	PROJECT No. M-589		
DATE Sept./87	REVISIONS		SCALE 1:50,000
NTS No 104 K			FILE No
COMPILED BY G.W.			

Tunjony Lake

## PREVIOUS WORK

Chevron's crews have worked on the property since 1981 doing geological mapping, and a soil sampling grid which outlined large gold, arsenic and antimony, with limited silver, anomalies. A zone of intense clay alteration was identified within a portion of the claims. This alteration has been determined to be the result of hydrothermal alteration because of the type of clay present. The grid spacing was 200 meter line spacing and 100 meter sample spacing on non-slope corrected lines. A more detailed grid of 100 meter line spacing and 50 meter sample spacing on slope corrected lines was put in to cover and detail the anomaly in 1983. Five trenches were blasted in a quartz vein west of the current zone of interest. In 1985, five more trenches were blasted within the large arsenic and antimony anomaly in the intensely clay-altered zone. The trenches were mapped and sampled. Two of the trenches had some weak gold values and high arsenic and antimony values which is indicative of the top of a hydrothermal system.

The drilling undertaken in 1987 was designed to determine the extent and shape of this intensely-altered zone and locate the feeder system which should be near the centre of the system.

## REGIONAL GEOLOGY

The OUTLAW claims' area is covered by Souther's (1971) geological map of the Tulsequah area. This map indicates that the claim block is centered on a Jurassic to Cretaceous diorite stock which has intruded chloritic tuffs of Pre-Upper Triassic age (Souther 1971). To the north of the claims, there is a Tertiary to Cretaceous sequence of volcanics and subvolcanics (Sloko group). This succession may be a collapsed

volcanic center. A portion of these volcanic rocks occur in the northern reaches of the claims. The Upper Triassic Stuhini group, comprised of basalts and mafic volcaniclastic rocks, occurs on the southern margin of the claims. The eastern margin of the claim block is underlain by the Jurassic Takwahoni formation which is the upper member of the Laberge group. The coast range intrusions can be found ten kilometers to the west of the claim block.

### DRILL HOLE GEOLOGY

Detailed geological descriptions have been based on inspection of the core from the 1987 drill program. The geological units are as follows:

- |   |   |
|---|---|
| 5 | Sloko Group: rhyolite, felsic intrusions                    |
| 4 | Biotite-Hornblende-Diorite                                  |
| 3 | Takwahoni Formation: siltstones, sandstones                 |
| 2 | Stuhini Group: basalts                                      |
| 1 | Pre-Upper Triassic Unit: greenstone, phyllite,<br>limestone |

### Augite-Feldspar Porphyry Dykes

The age of these dykes is unknown, however, contact relationships indicate them to be of post-Middle Jurassic age (Souther, 1971). The dykes are medium green with augite and feldspar phenocrysts 1 to 4 mm in diameter. The feldspar phenocrysts may have clay-altered rims. The groundmass is commonly calcareous and there may be weak to moderate calcite veining.

Disseminated pyrite and/or fine sulphides may be present up to 1%.



### Biotite-Hornblende Diorite

This stock has been assigned to the Jurassic-age by Souther (1971). The contact with the hornfels tends to be very pyritic and is highly altered making it difficult to distinguish. The diorite is light pink-buff to dark gray and medium-grained to porphyritic, locally. White, calcareous and green phenocrysts vary from 1 to 10 mm in diameter. The rock may be calcareous and have minor quartz and/or calcite veinlets. Hematite and chlorite patches are common.

Pyrite occurs as large patches, veins, stockwork and disseminations up to 10%. Chalcopyrite in trace amounts is disseminated locally.

### Takwahoni Formation

Souther (1971) places this formation in the Lower to mid-Jurassic. It is represented in drill core by a series of shales, mudstones, siltstones, sandstones and rare conglomerates all of which have been contact metamorphosed to hornfels. Subsequently, the hornfels has been subjected to intense hydrothermal alteration and has been locally altered to clays. The unaltered hornfels is medium to dark gray, commonly with fine chloritic stockwork and is silicified to varying degrees. Quartz and/or calcite veinlets are common. Weak layering can be noted occasionally. The hornfels is moderately to very well fractured. Patches of biotite and chlorite increase towards the intrusive contact. The altered hornfels is bleached and crumbly. The clays are white to medium gray-brown and may be limonitic. Montmorillonite and sericite have been noted. Pyrophyllite and a soft, pale green mineral (talc?) occur as fracture coatings and veinlets. Clays are pervasive as well as occurring as fracture coatings. Some

narrow clay bands towards the top of the hole contain angular rock fragments of hornfels. Quartz veining is minor.

Mineralization commonly occurs as disseminated pyrite, 0.5 to 2.0%, and as fine gray sulphides disseminated to 1.0%. Less commonly, the fine sulphides and pyrite occur as veinlets. Chalcopyrite, pyrrhotite, arsenopyrite and stibnite needles occur in trace amounts.

### DIAMOND DRILLING

Diamond drill hole 87-0-2 was commenced on June 24 and completed on July 2, 1987 using a Boyles 25A drill. The hole was started with HQ rods and reduced to NQ to completion for a total downhole depth of 232.26 metres. The drilling was contracted to Connors Drilling based in Kamloops, B.C. A drill platform approximately 4.9 x 6.1 metres was blasted out to accommodate the drill and equipment. All core is stored at the campsite on Tatsamenie Lake.

#### Drill Hole Summary

<u>Drill Hole Number</u>	<u>UTM Coordinates</u>	<u>Grid Coordinates</u>	<u>Collor Elevation (m)</u>	<u>Azimuth</u>	<u>Dip at Collar</u>	<u>Depth of Hole (m)</u>
0-2	6489906N 631960E	155N 840W	1850	185°	-52.5°	232.26

The core was logged using the Geolog system. Sample intervals were split and sent to Chemex Labs in North Vancouver. The samples were analyzed for gold, silver, arsenic, antimony, molybdenum, tungsten, zinc, phosphorous, lead, bismuth, cadmium, cobalt, nickel, barium, iron, manganese, chromium, magnesium, vanadium, aluminum,

beryllium, calcium, copper, titanium, strontium, sodium and potassium. Analytical procedures are outlined in Appendix A.

### CONCLUSIONS AND RECOMMENDATIONS

A few weak to moderate gold values of 2 to 4 g/t were intersected. The anomalies can be put into three groups:

- (1) those associated with the microporphyry dykes.
- (2) those associated with a diorite intrusive, and
- (3) those associated with a coarse, silicified stockwork zone within the hornfels.

The zone of silicified stockwork may have acted as a main channelway for migrating fluids. The zone has been enriched in both arsenic and antimony; silver values remain low.

Further testing of this feeder system should be carried out through drilling. Three holes totalling approximately 450 metres are recommended.

REFERENCES

Souther, J. G. (1971). Geology and Mineral Deposits of Tulsequah map-area, British Columbia, Geological Survey of Canada, Memoir 362, 84p.

Brown, D., Shannon K., (1982). Assessment Report, Geological and Geochemical Survey, OUTLAW I - 4, Atlin Mining Division, Trapper Lake, B.C. 5 p.

Walton, G., (1984). Assessment report, Geological, Geochemical and Physical Work, OUTLAW I - 4 Claims, 10 p.

Walton, G., (1985). Assessment report, Physical Work, Outlaw I-2 Claims, 13 p.

COST STATEMENT  
OUTLAW CLAIM

(1) Personnel

	<u>Field Days</u>	<u>Office Days</u>		
G. Walton	Supervisor	2	1	
L. Moffat	Geologist	7	3	
B. Dunsterville	Core splitter	6	-	
		<u>15</u>	<u>4</u>	
15 field days at \$148/day			\$ 2,220.00	
4 office days at \$210/day			<u>840.00</u>	
			\$ 3,060.00	\$ 3,060.00

(2) Camp cost

Mobilization pro-rated	\$ 5,738.00	
Man day charge \$60/day x 103 man days	<u>6,180.00</u>	
N.B. - drillers, blasters, helicopter included in man day calculation	\$11,918.00	\$11,918.00

(3) Helicopter

49.1 hours at \$390/hour	\$19,149.00	
49.1 hours at 22 gal/hour x \$6.50/gal	<u>7,021.30</u>	
	\$26,170.30	\$26,170.30

(4) Drill Cost

Mob/Demob - Kamloops-Dease Lake - drill site	\$16,194.09	
Drill site preparation (G.Clark) 6 days at \$550.	3,300.00	
Connors drilling - footage - 236' H core, 510' N core - man hours and machine hours	26,189.50	
Mud - 19 bags Quik gel, 10 pails 550	<u>1,661.50</u>	
	\$47,345.09	\$47,345.09

(5) Drafting - 8 days at \$150. 1,200.00

(6) Assays - 160 core samples at \$25/sample 4,000.00

TOTAL \$93,693.39

N.B. All mobilization costs have been pro-rated to 25% of actual cost because there are 4 properties to be drilled.

STATEMENT OF QUALIFICATIONS

I, Lorie Moffat, graduated from the University of Alberta in 1981 with B.Sc., specialization in geology. I have worked in the mineral exploration field since graduation.

I am a member in good-standing of A.P.E.G.G.A.

  
LORIE MOFFAT

September 1987

STATEMENT OF QUALIFICATIONS

I, Godfrey Walton, have worked as a geologist since 1974 in Alberta, British Columbia, Yukon, Northwest Territories and Ontario. I graduated in 1974 with a B.Sc. (Hons) degree from the University of Alberta and was awarded a M.Sc degree from Queens University in January 1978. I have been employed by Chevron on a permanent basis since 1976.

I am a member in good standing with the Canadian Institute of Mining and Metallurgy, the Society of Exploration Geochemists and the Mineralogical Association of Canada.

The work done on the OUTLAW was done by me and under my supervision.

*Godfrey Walton*

GODFREY WALTON

*Oct 5/87*

APPENDIX A  
Analytical Procedures

Split core samples were crushed, pulverized and analysed by the following procedures:

- Multielement ICP

A 0.2 gram sample is digested to dryness in a perchloric-nitric hydrofluoric acid mixture to ensure total digestion. The sample is then taken up in dilute HCl and analyzed by ICP for the following elements, listed with their detection limits:

Al	0.01 %	Cr	1 ppm	Mn	1 ppm	Na	0.01 %
Ba	1 ppm	Co	1 ppm	Mo	1 ppm	Sr	1 ppm
Be	0.05 ppm	Cu	1 ppm	Ni	1 ppm	Ti	0.01 %
Bi	2 ppm	Fe	0.01 %	P	10 ppm	W	10 ppm
Cd	0.5 ppm	Pb	2 ppm	K	0.01 %	V	1 ppm
Ca	0.01 %	Mg	0.01 %			Zn	1 ppm

- Silver (AAS)

Silver is analysed from the same solution used in the multielement ICP except the solution is analysed for Ag on an atomic absorption spectrophotometer to a detection limit of 0.5 ppm.

- Gold (FA + AA)

A 10 gram sample is used in a standard fusion with a basic litharge flux, in-quarting with silver cupelation. The silver bead is digested in nitric acid followed by an aqua regia digestion in a hot water bath. The solution is diluted to volume and analysed for Au on an atomic absorption spectrophotometer to a detection limit of 5 ppb.

- Antimony (ppm)

A 2.0 gm sample digested with conc. HCl and potassium chloride in hot water bath. The iron is reduced to Fe<sup>+2</sup> state and the Sb complexed with I<sup>-</sup>. The complex is extracted with TOPO-MIBK and analyzed via A.A. Correcting for background absorption 0.2 ppm ± 0.2. Detection limit: 0.2 ppm

- Arsenic (ppm)

A 1.0 gram sample is digested with a nitric-aqua regia mixture for 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with KI and mixed. A portion of the reduced solution is converted to arsine with NaBH<sub>4</sub> and the arsenic content determined using flameless atomic absorption. Detection limit: 1 ppm



- Gold (Fire Assay)

High samples in Au are redone by standard fire assay techniques. 0.5 assay ton sub samples are fused in litharge, carbonate and siliceous fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The combined Ag & Au is weighed on a microbalance, parted, annealed and again weighed as Au. Detection limit is 0.003 oz/t.

CORE LOGGING - GEOLOG SYSTEM

All core logging is done on 80-column forms using two, and occasionally three, tiers of information. The first tier of information is marked by either a "P", "D", or "N" in the first column (KEY column). A "P" indicates a "principal" geological interval, an "N" indicates a "nested" geological interval within a principal interval and a "D" indicates repeated (or "ditto") description within a principal interval.

The second or lower tier of information is designated with an "L" in the first column (KEY column). The third tier is a free row and is designated with an "F". Vugs and breccia fragments are described in this tier. An "R" in the KEY column indicates that a remark is to follow.

Further information on the Geolog System is available from Lynx Geosystems Inc.,  
800 - 1177 W. Hastings St., Vancouver, B.C., Telephone: 682-5484.

## TATS GEOHEADER - M589

The Tatsamenie Lake project is approximately 160 kilometers southeast of Atlin, northern B.C.

### IDENTITY DATA:

- 9-10            Type  
                  DH - Diamond drill hole  
                  MT - Main Traverse
- 17-24            Drill hole/Traverse Name and Number, examples N87DH030, N87TR030  
                  DH - Drill Hole  
                  TR - Traverse  
                  87 - year  
                  0 - Outlaw  
                  R - Ram/Tut  
                  T - Tot  
                  M - Misty  
                  N - Nie  
                  S - Slam  
                  B - Bandit
- 25-28            Size of Core - if more than one size used, record them all,  
                  i.e. HQNQ or HNBQ  
                  HQ  
                  NQ  
                  BQ
- 29-34            Date the hole was collared - year month day  
41-46            Initials of person(s) who logged the hole  
                  LDM Lori Moffat  
                  TRL Terry Lee  
                  KVN Kim Niggemann
- 47-52            Date the hole was completed - year month day  
53-62            Drilling Contractor - left justified  
                  Connors
- 63-70            Machine Type - left justified  
                  25A
- 77-78            Units  
                  MT metres

### SURVEY DATA:

- 1                S Survey Information  
2-4             000  
5-10            Depth at collar, i.e. 0.00  
11-16          Depth of first survey point in metres, i.e. 91.44  
21-16          Azimuth of the hole at the collar, in degrees, i.e. 269.21

27-32 Dip of the hole at the collar, in degrees, i.e. - 45.00  
 51-60 Northing of the hole at the collar - UTM  
 61-70 Easting at the hole at the collar - UTM  
 71-80 Elevation of the hole at the collar, in metres.

Grid co-ordinates below survey info, record as an 'R' entry.

**SURVEY INFORMATION:** For each dip test the following information must be completed:

1	S
2-4	Survey number - first test is 001, second test is 002, etc.
5-10	Depth where dip test was taken, in metres (0000.00)
11-16	Depth where next deepest dip test was taken in metres (0000.00). If there are no deeper dip tests, record the total depth of the hole.
21-26	Azimuth of hole at the depth where azimuth test was taken, in degrees, i.e. 271.50. If no azimuth test, record collar azimuth
27-32	Dip of hole at the depth where dip test was taken, in degrees, i.e. -45.00

**BLOCK TO BLOCK INFORMATION:**

2-3 & 43-44	Core box number, right justified
5-10 & 49-53	Metrage of blocks (0000.00)
17-20 & 56-58	Actual length of core measured in metres (00.00)
24-26 & 62-64	Percentage recovery between blocks rounded to nearest 1%
28-30 & 67-69	Block to Block RQD

**ASSAY INFORMATION:**

1	A
2-4	D01
5-10	Start of sample (From) 0000.00
11-16	End of sample (To) 0000.00
17-20	Length of sample in metres 00.00
24-26	Percent recovery to the nearest 1% over sampled interval
29-32	Sample number (right justified)

**DRILL CORE INFORMATION:**

/1	Type of Interval
P	Primary geological interval 'PGI'
D	Ditto - Subinterval within the 'PGI' that has most of the same characteristics as the 'PGI'
N	Nest - Subinterval within the 'PGI' that is substantially different from the 'PGI'

- /1           Type of Entry
- A   Assay information  
 F   Free entry - used for vugs and breccia fragments  
 K   Key flag  
 L   Lower tier  
 R   Remark - remarks go in columns 17-80  
 S   Survey information
- /, L2-4       Key Flags - to be preceded by K in column 1
- VBF - Free entry flag for vugs and breccia fragments (use F in Column 1)
- /5-10        From (metres) 0000.00
- /11-16       To (metres) 0000.00
- /17-20       Recovery - Measure of the sum of actual core recovered divided by the drilled length of the 'PGI', expressed as a percentage, rounded to the nearest 1%. In the case where the subinterval has a substantially different recovery than the 'PGI', the recovery is also recorded over the subinterval. Recovery is measured over each block to block interval but these columns can be used when the recovery for a geological interval is substantially different from the block to block recovery.
- /,L17-20     RQD:        Rock Quality Designator - Measure of the sum of the length of pieces of core recovered which are at least 2.5 times the core diameter (i.e. HQ - 15 cm, NQ - 10 cm, BQ - 7 cm) divided by the drilled length of the 'PGI'. The 'RQD' is expressed as a percentage, rounded to the nearest 0.1%. The core is measured from centre to centre. Centre is defined as the point where the central long axis of the core intersects the fracture surface plane that forms the circular/elliptical end of a piece of core. 'RQD' is measured over each block to block interval but can also be measured over geological intervals and inserted here where it differs substantially from that of the block to block 'RQD'.
- /21-22       TMOD:       Type Modifier - Secondary (alteration) modifier of rock type. If rock type is BX\_ \_ then type modifier refers to dominant matrix composition
- /21-22       CA        calcite  
 CL        chlorite,  $\geq 10\%$   
 CY        clay,  $\geq 10\%$  (unidentified)  
 DO        dolomite, dolomitized  
 FS        fine sulphides  
 HE        hematite,  $\geq 10\%$   
 KA        kaolinite  
 LI        limonite,  $\geq 10\%$   
 PY        pyrite  
 SE        sericite  
 SI        silica, silicified,  $\geq 40\%$

/23

% Mix: % Mixture - This describes the percentage of the rock type named in the subinterval that is present in the subinterval, i.e. y% mix indicates that (100-y) % of the 'PGI' rock type occurs in the subinterval. All subintervals must have a % mixture. Use the G - scale

/24-27

Rock Types

SB\_ \_ Sedimentary breccias, as modified below

BX\_ \_ Tectonic breccias, as modified below. Use two-letter rock code

DO dolomite  
SD silicified dolomite  
LS limestone  
SL silicified limestone  
OX other, specify fragment types in remarks  
PY pyrite  
QZ quartz, jasperoid  
TF tuff  
ST silicified tuff  
SN siltstone  
SS silicified siltstone

CAVD caved material  
CAVY natural underground cavity, cavern  
CONG conglomerate  
D/AB diabase dyke  
D/BS basalt dyke  
D/FL felsic dyke  
D/IN intermediate dyke  
D/FP feldspar porphyry dyke  
D/MP mafic porphyry dyke  
DIOR diorite  
DOLM dolomite  
FAUL fault  
GABR gabbro, micro gabbro  
GOUG gouge 50% clay  
GSTN greenstone  
GWAC greywacke  
HNCY clay (hornfels)  
HRNF hornfels  
INTR intrusive  
LMST limestone  
LOST lost core (not recovered in drilling)  
MISN missing core (recovered in drilling, but not available for logging)  
MUDS mudstone  
OVER overburden (recovered, in core box)  
PHYL phyllite  
QRTZ jasperoid, quartz  
QZIT quartzite  
SILT siltstone  
SNOW snow  
TFBL bleached tuff (≥ moderate bleaching)

TFBN	banded tuff - banding 5 mm, T-scale 2 and greater
TFFV	felsic tuff
TFIV	intermediate type
TFLM	laminated mafic tuff, laminations 5 mm, F-scale 0 and 1
TFLP	lapilli tuff - mafic, 20% lapilli, 4-64 mm
TFXL	crystal tuff - mafic
TRIC	triconed interval, no core recovered
TUFF	tuff - undifferentiated
TURB	turbidite
VEIN	vein, undifferentiated
VN_ _	vein, as modified below

AK A,	fe-carbonate, ankerite, ferroandolomite
CA C,	calcite
DO D,	dolomite
PY P,	pyrite
QZ Q,	quartz

F2I Percentage vugs and cavities using scale G-scale

F22-23 Minerals lining cavities

AR	aragonite
CA, C	calcite
CD	calcite-dolomite
CQ	calcite-quartz
DC	dolomite-calcite
DO, D	dolomite
DQ	dolomite-quartz
EP	epidote
GF	graphite
GO	goethite
GY, G	gypsum
LI	limonite
QC	quartz-calcite
QD	quartz-dolomite
QZ, Q	quartz

F24-34 Description of fragment abundances in breccias. These do not include matrix %. Sum of fragments % equals 10%. Use the G scale.

F24 QZ: % of silica fragments, includes jasperoid, quartz and extremely silicified fragments

F25 PY: % of pyrite fragments

F26 DO: % of dolomite fragments

F27 SD: % of silicified dolomite fragments

F28 LS: % of limestone fragments

F29 SL: % of silicified limestone fragments

F30 SN: % of siltstone fragments

F31 SS: % of silicified siltstone fragments

F32 TF: % of tuff fragments

F33 ST: % of silicified tuff fragments

F34 OX: % of other types of fragments

/28-29  
/30-31

TM1: Typifying minerals 1 and 2 - Primary rock forming minerals,  
TM2: or those unrelated to hydrothermal alteration, i.e. diagenetic  
pyrite

CA calcite  
CL chlorite, includes metamorphic chlorite  
CY clay  
HE hematite  
PY pyrite  
SI silica

L28-29

Colour - Two C-scale symbols can be used together, i.e. RU red-brown.  
Dominant colour is second entry when using two colours

L28 Lightness L-scale  
W white  
9 palest  
8 pale  
7 light  
6 lighter (m. light)  
5 medium (50% light)  
4 darker (m. dark)  
3 dark  
2 very dark  
1 darkest  
N black

L29 Colour range C-scale  
A grey  
B blue  
G green  
K pink  
L lime (YG)  
M mauve (PR)  
N black  
O orange  
P purple  
Q aqua (BP)  
R red  
T tan (khaki)  
U brown (umber)  
V violet (BP)  
W white  
Y yellow

L30-31

TM3: Typifying minerals

CR carbonaceous material - always recorded in these two columns

/32-33

QM1: Qualifying materials 1

BL bleached - always recorded in these two columns  
MT magnetic

/34

QM1: Modifier of bleached

X completely 9extremely strong 8very strong 7strong 6fairly strong  
5moderate 4fairly weak 3weak 2very weak 1extremely weak 0patchy  
or nil

L32-33

QM2: Qualifying materials 2

LP lapilli - use this only when 20% lapilli present  
(4-64 mm size range)

/35-36  
/37-38  
L35-36  
L37-38

TX1: Texture 1, 2, 3 and 4:  
TX2:  
TX3:  
TX4:



Textures

" " clear field  
 A\* amygdaloidal  
 BD bedded  
 BN banded  
 BW boxworked  
 BX brecciated  
 FO foliated  
 G; graded  
 GN gneissic  
 KR crackle  
 LM laminated  
 MX massive  
 PH phyllitic  
 PL plutonic  
 PP porphyritic  
 RB rebrecciated  
 SC schistose  
 SH sheared  
 SK stockworked  
 VG vuggy  
 VS vesicular

/39-42 Grain Size

- /39 FF: Mean size of fine fraction (or mean size of matrix in breccias).  
 Use the S-scale  
 /40 CF: Mean size of coarse fraction (or mean size of fragments in  
 breccias). Use the S-scale  
 /41 %C: % Coarse fraction (or % fragments in breccias) use the G-scale  
 /42 MP: Maximum particle size. Use the S-scale

S-scale for grain or particle size

	<u>Assigned Value</u>	<u>Range</u>
0	0.003 mm	- 0.004 mm
1	0.008 mm	0.004 - 0.016 mm
2	0.03 mm	0.016 - 0.06 mm
3	0.12 mm	0.06 - 0.25 mm
4	0.5 mm	0.25 - 1 mm
5	2 mm	1 - 4 mm
6	8 mm	4 mm - 1.6 cm
7	3.2 cm	1.6 - 6.4 cm
8	13 cm	6.4 cm - 0.25 m
9	0.5 m	0.25 - 1 m
x	2 m	1 m -

L39-42 For breccias only

- L39 SR: Sorting use geolog sorting chart  
 L40 RN: Roundness use geolog roundness chart  
 L41 SH: Sphericity use geolog sphericity chart

L42 O/C: Framework

- O open - matrix supported
- C closed - framework supported

/43-46 Veins

/43-44 VN: count of actual number of veins intersected over an average 1 metre interval within the 'PGI'

/45-46 CM: vein thickness in centimetres, rounded to the nearest centimetre. Cumulate thickness of veins over the above average 1 metre interval. For thickness less than 1 centimetre use column /45 to record the decimal point, i.e. .5 other numbers are right justified.

L43-45 Vein angles to long axis of core, % of total veins.

- L43 IS: steep 0-30° to core axis, G-scale
- L44 IM: moderate 30-60° to core axis, G-scale
- L45 IL: low 60-90° to core axis, G-scale

L46 I: total fracture intensity. Use the F-scale

F-scale Fracture intensity

- X shattered
- 9 extremely well fractured
- 8 very well fractured
- 7 well fractured
- 6 fairly well fractured
- 5 moderately fractured
- 4 fairly lightly fractured
- 3 lightly fractured
- 2 very lightly fractured
- 1 slightly fractured
- 0 unfractured

/48 T1: Thickness - describes thickness of feature in structural

L48 T2: identity 1 and 2, respectively (/49-50, L49-50) using T-scale

T-Scale

Thickness

- 9 extremely thick 20 m
- 8 very thick 20 m
- 7 thick bedded 6 m
- 6 medium-thick 2 m
- 5 medium bedded 60 cm
- 4 medium thin 20 cm
- 3 thin bedded 6 cm
- 2 very thin 2 cm
- 1 laminated 0.6 cm
- 0 thinly laminated 0.2 cm

/49-50 STRUC 1 ID: Structural identity 1  
L49-50 STRUC 2 ID: Structural identity 2



Minerals continued

AR aragonite  
AS arsenopyrite  
AZ azurite  
EP epidote  
GA garnet  
GF graphite  
GL galena  
GO goethite  
IL ilmenite  
KA kaolinite  
MA malachite  
MT magnetite  
PL pyrolusite  
PO pyrrhotite  
PP pyrophyllite  
SB stibnite SLsphalerite TAtalc  
TO tourmaline  
TT tetrahedrite  
X1 soft, green waxy  
X2 white, hardness = 5

L67-68 & L75-76 In the first column use the H-scale to describe how the mineral in /67-68 or /75-76 occurs. Use the second column for percentage, use G-scale

/69-70 PY: pyrite  
L69-70 JA: jarosite  
/71-72 CP: chalcopyrite  
L71-72 SC: scorodite  
/73-74 LI: limonite  
L73-74 FS: fine sulphides

H-scale - most dominant single mode

" clear field  
@ replaced Amygdules  
B blebs  
# breccia matrix fillings  
C coatings  
\* clasts  
D disseminations and scattered crystals  
E envelopes  
F framework crystals  
G gouge  
H replaced, phenocrysts  
I eyes, augen  
J interstitial  
K stockwork  
L laminations - bedded  
M massive  
N nodules  
O spots  
P pervasive

H-scale continued

Q	patches (as in quilts)
R	rosettes and crystal clusters
S	selvages
\$	sheeting
T	staining (as in tarnish)
U	euhedral crystals
V	veins
>	macroveins
<	microveins (fractures)
W	boxwork
Y	dalmationite
Z	fresh primary rock

/77      SI:    Structural summary

- 0    No brecciation, no shearing or no gouge, minor fracturing. This does not require structural intensity modifier.
- 1    Fracturing, minor gouge and minor brecciation
- 2    Brecciation and gouge

L77      FI:    Alteration facies

- 0    Unaltered tuff or limestone. No facies intensity modifier required
- 1    Tuff - 1% carbonate veins and no bleaching.  
     Limestone - Dolomitized
- 2    Tuff - 1% carbonate veins, bleached.  
     Limestone - Silicified

/78      Facies and structural intensity using N-scale  
L78

- X    completely
- 9    extremely strong
- 8    very strong
- 7    strong
- 6    fairly strong
- 5    moderate
- 4    fairly weak
- 3    weak
- 2    very weak
- 1    extremely weak
- 0    nil

**SCALES:**

C-Scale:    Colour Range - see page 6  
F-Scale:    Fracture Intensity - see page 8

G-Scale:	Grade in Percent			
0.0	0	nil, absent		
0.0	?	possibly present		
0.01	.	trace=	-	0.02%
0.03	-	0.02%	-	0.05%
0.1	(	0.05%	-	0.2%
0.3	*	0.2%	-	0.5%
1.0	)	0.5%	-	2.0%
2.5	+	2.0%	-	3.0%
5	=	3.0%	-	7.0%
10	1	7.0%	-	15%
20	2	15%	-	25%
30	3	25%	-	35%
40	4	35%	-	45%
50	5	45%	-	55%
60	6	55%	-	65%
70	7	65%	-	75%
80	8	75%	-	85%
90	9	85%	-	99%
100	X	essentially		100%

H-Scale: How - most dominant single mode - see page 10 - 11

L-Scale: Lightness - see page 6

N-Scale: Facies and Structural Intensity - see page 11

S-Scale: Grain or particle size - see page 7

T-Scale: Thickness - see page 8.











## DRILLHOLE/TRVERSE : 087DH002 (CONTINUED)

F - INTERVAL -			CORE RECOVERY (FT.1)	% M ROCK TYPE	TYPI- M TM	QAL MAT	TEX- TX 1	FRAC- F C % M	STRUCTUR-1 ID	ALTERATION H H H H	MINS A A A A	ORE-TYPE A A A A	MINS ANY H H H ANY	SUMMARY	
K L (UNITS = MT)	Y G FROM	- TO													
K F			ROCK	FOR EN RT	TH QM2	TX TX	S R S O	DIP F	T ID	STK DIP	MU DO	CY FU	HE HA	JA SC	FS HA
E L			QUAL	NEM V Q	LC- 3	3 4	0 N H /	SML I	2	AZM RT		H H H H	H H H H		
Y G			DESIG	AGE	COL		R D P C			STRUCTUR-2		A A A A	A A A A		
R	165.66	172.47	166.32M, BRECCIATED AND RE-CEMENTED IN BANDS. VERY SOFT AT												
R	165.66	172.47	166.32M. PYRITE CONCENTRATED TO 20% AT 170.85M. POSSIBLE FINE												
R	165.66	172.47	SULPHIDES.												
P	172.47	204.55		HRNF		BN	0 5 = 6	2 .8 P	VN	60 Q1 (< >)	P4			B2 D(	
L				36				4						P(	
R	172.47	204.55	HORNFELS-QUITE DIRTY; HIGHLY VARIABLE, DARK GREEN TO LIGHT BUFF												
R	172.47	204.55	FRAGMENTS TO 15MM, ANGULAR AND EUHEDRAL TO ANHEDRAL CRYSTALS?,												
R	172.47	204.55	CRYSTALS USUALLY ALTERED. LOCALLY SILICEOUS, LOCALLY CALCAREOUS												
R	172.47	204.55	FAINT BANDING. VERY PYRITIC TO 25% IN SECTIONS. OCCURS AS VEINS												
R	172.47	204.55	BLEBS, AND DISSEMINATIONS. CHALCOPYRITE AND PYRRHOTITE IN MINOR												
R	172.47	204.55	AMOUNTS. DARK COLORED SECTIONS VERY CHLORITIC WITH LARGE CLOTS												
R	172.47	204.55	OF BIOTITE. TRACE EPIDOTE? DARK SECTIONS MAY REPRESENT A												
R	172.47	204.55	DIRTIER SEDIMENT THAT HAS UNDERGONE MORE INTENSE "BAKING",												
R	172.47	204.55	CRYSTAL GROWTH, AS IT NEARS INTRUSIVE CONTACT. FRAGMENTS MAY BE												
R	172.47	204.55	FROM LOCAL BRECCIATION. FELSIC INTERVALS PROBABLY BLEACHED HRNF												
P	204.55	232.26		INTR		PP	0 5 1 6	2 1 P	F/	35 B1 V( V+				B=	E-
L				8T				4					0( P(		B?
R	204.55	232.26	INTRUSIVE?-DIORITE?: VERY LIGHT COLORED INTERVAL,FAINT BANDING												
R	204.55	232.26	(?) AT 40-50 DEG. TO CORE AXIS, FAIRLY LIGHTLY FRACTURED,POORLY												
R	204.55	232.26	TO WELL-DEVELOPED CRYSTALS WITH RIMS OF ALTERATION. CRYSTALS												
R	204.55	232.26	ARE 1-4MM. SOME LARGER ANGULAR FRAGMENTS (1CM)-POSSIBLY												
R	204.55	232.26	XENOLITHS. MINOR HEMATITE. PYRITE BLEBS AND VEINS TO 5%.												
R	204.55	232.26	POSSIBLY SOME FINE SULPHIDES. SOME CALCITE VEINING. SILICEOUS												
R	204.55	232.26	PATCHES TO 10%. FUCHSITE TO 0.1%. IRON-CARBONATE VEINS & GRAINS												
R	204.55	232.26	TO 2%. FEW LIGHT GREEN GRAINS. THIS UNIT MAY BE THE INTRUSIVE												
R	204.55	232.26	BUT IT IS DIFFICULT TO DISTINGUISH THE CONTACT BETWEEN THE												
R	204.55	232.26	BLEACHED HORNFELS AND THE FELSIC INTRUSIVE. MORE WHITE FELDSPAR												
R	204.55	232.26	IN INTRUSIVE, BUT VERY LITTLE QUARTZ. QUARTZ VEIN FROM 226.97												
R	204.55	232.26	TO 228.00. LOCALLY PORPHYRITIC.												
R	210.11	212.60	HORNFELS-MEDIUM TO DARK GREEN, POORLY TO MODERATELY PRESERVED												
R	210.11	212.60	GRAINS WITH ALTERED RIMS. LOCALLY SILICEOUS. LOCALLY												
R	210.11	212.60	CALCAREOUS. FAINT BANDING. PYRITIC TO 5%. PYRRHOTITE IN												
R	210.11	212.60	MINOR AMOUNTS. CHLORITIC.												
N	210.11	212.60		X HRNF		BN	0 5 = 6	N		Q1 (< >)				P=	
L				36				3						P(	

## SUMMARY REMARKS

087DH002 INTERSECTED 204 METRES OF MAINLY SILICIFIED HORNFELS BEFORE GOING INTO A NON-FOLIATED INTRUSIVE BODY, LIKELY A DIORITE. A NUMBER OF NARROW CLAY BANDS AND INTENSELY ALTERED ZONES OCCUR THROUGHOUT THE HORNFELS. THE UPPER 50 METRES IS

DRILLHOLE/TRVERSE : 087DH002 (CONTINUED)

S U M M A R Y R E M A R K S

QUITE OXIDIZED AND BROKEN UP. A MONOTONOUS SECTION OF RELATIVELY UNALTERED SANDSTONES WAS INTERSECTED FROM 94M TO 166M. WITHIN THIS UNIT, A SILICIFIED ZONE OF QUARTZ STOCKWORK AND LOCAL BRECCIATION OCCURS (115M TO 125M). THIS IS ACCOMPANIED BY 7-8% SULPHIDES AND MAY HAVE BEEN A MAIN CHANNELWAY FOR HYDROTHERMAL FLUIDS. FROM 172M TO 204M, THE HORNFELS IS QUITE DARK IN COLOUR AND PYRITIC TO 25%. THE PYRITE CONTINUES ON INTO THE INTRUSIVE WHERE IT IS CONCENTRATED TO 5%.



LINE	FROM	TO	NUMBER	SAMPLE LENGTH	AU PPB	AG PPM	BI PPM	CD PPM	BA PPM	MN PPM	AS PPM	SB PPM
1	6.41	8.23	80001	1.82	60	0.5	0	5.1	459	238	100	8.0
2	8.23	9.75	80002	1.52	110	0.5	4	5.3	726	217	100	14.0
3	9.75	10.20	80003	0.45	100	0.5	0	4.4	544	253	90	11.2
4	10.97	11.58	80004	0.61	75	0.5	2	3.6	696	85	45	6.2
5	11.58	12.50	80005	0.92	80	0.5	2	3.3	765	109	61	6.2
6	18.59	19.08	80006	0.49	5	0.5	0	4.2	690	212	100	6.8
7	19.20	20.58	80007	1.38	60	0.5	4	3.0	644	208	53	6.6
8	20.58	21.40	80008	0.82	115	0.5	0	3.1	649	115	61	4.6
9	21.40	22.56	80012	1.16	355	0.5	4	5.3	721	87	120	7.6
10	22.56	24.08	80013	1.52	60	0.5	0	3.0	680	94	33	8.4
11	24.08	25.62	80014	1.54	95	0.5	0	8.0	536	199	270	15.6
12	25.62	25.91	80015	0.29	60	0.5	0	4.0	488	410	45	7.6
13	25.91	28.04	80016	2.13	60	0.5	0	6.0	707	311	110	11.4
14	28.04	29.57	80017	1.53	55	0.5	4	3.0	774	165	32	7.2
15	29.57	30.48	80018	0.91	65	0.5	2	4.0	687	176	65	21.0
16	30.48	31.70	80019	1.22	100	0.5	2	4.5	638	143	100	9.0
17	31.70	32.31	80020	0.61	45	0.5	6	4.0	926	155	50	12.2
18	32.31	33.83	80021	1.52	215	0.5	2	3.5	763	105	53	11.0
19	33.83	35.66	80022	1.83	75	0.5	2	3.5	637	159	33	11.8
20	35.66	36.88	80023	1.22	85	0.5	0	3.5	533	302	57	24.0
21	36.88	38.49	80024	1.61	130	0.5	2	17.0	333	480	780	98.0
22	38.49	39.01	80025	0.52	140	0.5	0	7.0	350	239	180	80.0
23	39.01	40.54	80026	1.53	215	0.5	2	8.0	614	219	230	73.0
24	40.54	42.37	80027	1.83	165	0.5	4	6.0	740	109	160	19.0
25	42.37	43.95	80028	1.58	135	0.5	4	4.0	541	137	77	10.8
26	43.95	44.81	80009	0.86	200	0.5	2	3.2	858	166	90	6.6
27	44.81	45.87	80010	1.06	235	0.5	0	2.8	756	186	110	4.8
28	45.87	46.94	80011	1.07	80	0.5	0	3.8	839	180	160	5.6
29	46.94	48.31	80029	1.37	95	0.5	6	2.5	931	220	25	7.0
30	48.31	48.92	80030	0.61	60	0.5	6	3.0	830	268	75	9.2
31	48.92	50.29	80031	1.37	115	0.5	2	2.5	661	327	79	21.0
32	50.29	51.51	80032	1.22	1000	0.5	2	2.5	668	153	43	19.8
33	51.51	52.43	80033	0.92	120	0.5	0	2.5	555	138	39	57.0
34	52.43	53.95	80034	1.52	280	1.0	10	5.0	669	177	300	110.0
35	53.95	54.56	80035	0.61	320	0.5	10	5.0	622	175	530	120.0
36	54.56	55.47	80036	0.91	100	0.5	8	13.0	774	298	4900	100.0
37	55.47	57.00	80037	1.53	50	0.5	6	8.5	473	181	530	61.0
38	57.00	58.52	80038	1.52	165	0.5	6	8.5	364	207	870	100.0
39	58.52	59.13	80039	0.61	330	0.5	8	4.5	393	350	1100	80.0
40	59.13	60.66	80040	1.53	790	0.5	6	7.0	345	142	760	110.0
41	60.66	61.57	80041	0.91	250	0.5	0	13.0	758	161	1200	100.0
42	61.57	63.10	80042	1.53	55	0.5	0	60.0	886	494	6500	200.0
43	63.10	64.62	80043	1.52	360	0.5	0	20.0	546	360	7600	270.0
44	64.62	66.14	80044	1.52	655	0.5	0	41.0	398	306	10000	670.0
45	67.67	68.69	80045	1.02	1250	12.5	8	51.0	596	878	1600	670.0
46	68.69	70.40	80046	1.71	3240	1.5	6	8.0	532	153	200	88.0
47	70.40	71.10	80047	0.70	530	0.5	4	8.5	459	143	260	68.0
48	71.10	72.64	80048	1.54	180	0.5	10	16.0	768	2410	230	90.0
49	72.64	73.76	80049	1.12	1250	3.0	2	19.0	854	1260	160	66.0
50	73.76	74.98	80050	1.22	670	1.5	0	11.0	658	1490	310	97.0
51	74.98	75.71	80051	0.73	160	0.5	0	5.0	1000	762	180	42.0
52	75.71	76.79	80052	1.08	40	0.5	2	2.5	1020	1410	59	17.0
53	76.79	79.57	80053	2.78	85	0.5	6	2.5	1250	1660	33	24.0
54	79.57	80.93	80055	1.36	2150	4.5	56	5.0	1090	435	290	200.0

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	AU PPB	AG PPM	BI PPM	CD PPM	BA PPM	MN PPM	AS PPM	SB PPM
55	80.93	82.30	80056	1.37	130	0.5	4	4.0	567	134	320	17.0
56	82.30	84.12	80057	1.82	115	0.5	2	4.0	429	341	260	29.0
57	84.12	85.28	80058	1.16	1680	0.5	12	4.5	464	466	480	33.0
58	85.28	86.14	80059	0.86	800	3.5	10	4.0	421	556	340	93.0
59	86.14	87.58	80060	1.44	180	0.5	2	4.0	506	110	320	32.0
60	87.58	88.89	80061	1.31	85	0.5	0	5.0	937	283	500	34.0
61	88.89	89.92	80062	1.03	120	0.5	6	3.0	333	1150	420	40.0
62	92.35	94.32	80063	1.97	105	0.5	4	2.5	762	1520	130	15.0
63	94.32	95.40	80064	1.08	55	0.5	2	6.0	534	266	310	25.0
64	95.40	98.45	80065	3.05	100	0.5	2	44.0	453	249	4900	98.0
65	98.45	100.28	80066	1.83	75	0.5	0	4.0	998	1930	300	13.2
66	100.28	102.11	80067	1.83	10	0.5	6	2.0	335	1070	100	8.8
67	105.16	106.94	80068	1.78	125	0.5	2	2.5	287	1470	71	11.2
68	106.94	108.20	80069	1.26	120	1.0	0	5.5	268	786	820	10.4
69	108.20	109.70	80070	1.50	160	0.5	0	4.0	276	9260	340	27.0
70	109.70	111.25	80071	1.55	75	0.5	0	9.5	1270	1460	590	23.0
71	111.25	113.38	80072	2.13	220	0.5	2	4.5	446	1170	170	15.8
72	113.38	115.34	80073	1.96	90	0.5	0	5.0	608	5340	380	16.0
73	115.34	116.34	80074	1.00	155	0.5	6	4.5	1120	796	170	19.8
74	116.34	117.34	80075	1.00	280	0.5	6	7.5	644	472	620	52.0
75	117.34	118.34	80076	1.00	200	0.5	6	10.0	1220	372	1500	58.0
76	118.34	119.34	80077	1.00	165	0.5	8	12.0	1400	149	2000	37.0
77	119.34	120.34	80078	1.00	210	1.0	6	11.0	653	170	1700	46.0
78	120.34	121.31	80079	0.97	100	0.5	6	4.5	801	103	150	11.0
79	121.31	122.31	80080	1.00	95	0.5	10	4.5	1750	215	300	14.0
80	122.31	123.31	80081	1.00	90	0.5	0	6.0	1600	221	300	23.0
81	123.31	124.31	80082	1.00	200	0.5	0	6.5	1170	274	380	32.0
82	124.31	125.26	80083	0.95	110	0.5	0	13.0	1000	161	1000	30.0
83	125.26	126.49	80084	1.23	65	0.5	0	4.0	1510	336	170	17.0
84	126.49	128.00	80085	1.51	215	0.5	0	5.5	888	99	220	39.0
85	128.00	129.24	80086	1.24	580	0.5	2	3.0	788	219	150	23.0
86	129.24	130.68	80087	1.44	3620	0.5	14	4.0	1030	451	160	19.2
87	130.68	132.13	80088	1.45	445	0.5	6	3.0	1000	297	100	14.0
88	132.13	133.63	80089	1.50	45	0.5	0	5.5	1340	387	700	18.0
89	133.63	135.18	80090	1.55	100	0.5	0	3.5	2010	177	270	13.8
90	135.18	136.68	80091	1.50	80	0.5	0	3.0	2010	293	250	10.2
91	136.68	137.16	80092	0.48	105	0.5	10	4.5	3156	204	240	200.0
92	137.16	138.68	80093	1.52	430	0.5	0	3.5	2340	349	200	31.0
93	138.68	140.18	80094	1.50	110	0.5	0	3.5	811	369	140	37.0
94	140.18	141.60	80095	1.42	35	0.5	0	3.0	606	555	170	1.1
95	141.60	142.80	80096	1.20	10	0.5	0	3.0	754	295	150	4.4
96	142.80	144.00	80097	1.20	40	0.5	2	2.5	833	328	130	5.4
97	144.00	144.78	80098	0.78	0	0.5	0	2.0	719	59	130	1.4
98	144.78	146.91	80099	2.13	20	0.5	8	2.0	546	496	170	3.2
99	146.91	147.69	80100	0.78	10	0.5	0	2.5	216	375	140	14.0
100	147.69	149.00	80101	1.31	0	0.5	6	3.0	84	477	9	3.8
101	149.00	150.27	80102	1.27	0	0.5	0	2.5	56	448	41	3.8
102	150.27	151.79	80103	1.52	0	0.5	6	1.0	50	246	23	3.0
103	151.79	153.31	80104	1.52	0	0.5	2	2.5	40	251	48	4.0
104	153.31	154.83	80105	1.52	0	0.5	0	2.5	32	443	14	1.0
105	154.83	156.36	80106	1.53	0	0.5	0	2.0	27	416	7	0.4
106	156.36	157.47	80107	1.11	0	0.5	0	2.5	32	302	7	0.8
107	157.47	159.56	80108	2.09	0	0.5	2	2.5	72	427	45	5.0
108	159.56	161.10	80109	1.54	0	0.5	6	1.0	35	303	32	3.2

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	AU PPB	AG PPM	BI PPM	CD PPM	BA PPM	MN PPM	AS PPM	SB PPM
109	161.10	162.61	80110	1.51	0	0.5	0	0.5	58	368	23	4.4
110	162.61	164.14	80111	1.53	0	0.5	0	2.5	42	438	25	2.0
111	164.14	165.66	80112	1.52	0	0.5	4	2.5	38	325	59	1.1
112	165.66	166.29	80113	0.63	0	0.5	0	3.5	35	641	400	2.4
113	166.29	166.89	80114	0.60	0	0.5	0	2.0	1825	1068	850	13.4
114	166.89	167.28	80159	0.39	5	0.5	16	0.5	1212	485	500	11.0
115	167.28	168.10	80160	0.82	30	0.5	20	1.0	8727	2112	560	16.0
116	168.10	169.16	80115	1.06	0	0.5	8	1.0	327	219	110	6.6
117	169.16	170.82	80116	1.66	60	0.5	12	3.0	568	484	250	6.4
118	170.82	172.47	80117	1.65	545	2.0	10	3.5	643	477	530	36.0
119	172.47	173.86	80118	1.39	460	2.0	4	2.5	435	643	260	34.0
120	173.86	175.25	80119	1.39	95	0.5	4	2.5	1838	437	490	50.0
121	175.25	176.78	80120	1.53	70	0.5	0	3.5	559	390	390	40.0
122	176.78	178.31	80121	1.53	60	0.5	0	4.0	458	476	440	37.0
123	178.31	179.81	80122	1.50	0	0.5	0	3.0	659	612	280	25.0
124	179.81	181.31	80123	1.50	15	0.5	0	3.5	624	640	160	27.0
125	181.31	182.85	80124	1.55	85	0.5	12	3.5	470	751	160	32.0
126	182.85	184.40	80125	1.55	60	0.5	0	2.5	372	805	140	33.0
127	184.40	185.93	80126	1.53	50	0.5	0	0.5	423	837	150	100.0
128	185.93	187.45	80127	1.52	40	0.5	2	3.0	484	949	170	66.0
129	187.45	188.52	80128	1.07	65	0.5	0	2.5	519	727	160	53.0
130	188.52	189.59	80129	1.07	90	0.5	0	1.5	479	1222	260	64.0
131	189.59	191.11	80130	1.52	200	0.5	14	0.5	420	848	480	56.0
132	191.11	192.63	80131	1.52	190	0.5	10	2.5	845	1056	240	64.0
133	192.63	194.16	80132	1.53	40	0.5	14	2.5	1113	946	140	74.0
134	194.16	195.68	80133	1.52	35	0.5	0	4.0	1213	889	60	57.0
135	195.68	197.20	80134	1.52	105	0.5	0	2.5	643	914	70	45.0
136	197.20	198.73	80135	1.53	75	0.5	0	3.0	1005	1063	180	82.0
137	198.73	200.26	80136	1.53	115	0.5	10	2.0	962	947	60	62.0
138	200.26	201.78	80137	1.52	100	0.5	4	6.5	526	1191	280	66.0
139	201.78	202.93	80138	1.15	10	0.5	12	1.5	1155	1051	700	78.0
140	202.93	204.07	80139	1.14	110	0.5	0	3.5	691	968	70	48.0
141	204.07	204.55	80140	0.48	2710	1.0	20	3.5	532	1054	330	100.0
142	204.55	205.44	80161	0.89	600	0.5	18	1.5	1849	301	2000	190.0
143	205.44	206.96	80141	1.52	1500	0.5	2	2.5	560	1374	2300	270.0
144	206.96	208.48	80142	1.52	2450	0.5	4	3.5	952	1314	1700	170.0
145	208.48	210.11	80143	1.63	60	0.5	2	3.5	733	1222	750	79.0
146	210.11	211.34	80144	1.23	35	0.5	18	3.5	528	1089	750	65.0
147	211.34	212.60	80145	1.26	55	0.5	14	2.5	535	1005	810	56.0
148	212.60	214.27	80146	1.67	3700	0.5	20	2.0	629	1135	1100	86.0
149	214.27	215.80	80147	1.53	730	0.5	0	0.5	563	871	650	53.0
150	215.80	217.32	80148	1.52	130	0.5	0	2.5	2274	1102	320	80.0
151	217.32	218.77	80149	1.45	50	0.5	10	4.5	2326	1631	280	57.0
152	218.77	220.22	80150	1.45	10	0.5	2	3.5	626	2006	200	70.0
153	220.22	221.75	80151	1.53	20	0.5	0	3.5	374	1473	250	32.0
154	221.75	223.27	80152	1.52	0	0.5	4	3.0	173	1701	260	16.0
155	223.27	224.79	80153	1.52	75	0.5	12	2.0	101	1839	530	70.0
156	224.79	226.97	80154	2.18	45	0.5	20	3.0	66	1115	600	130.0
157	226.97	228.00	80155	1.03	105	0.5	10	1.0	172	1697	7800	180.0
158	228.00	229.21	80156	1.21	5	0.5	4	3.0	75	1670	360	30.0
159	229.21	230.74	80157	1.53	5	0.5	0	2.5	54	1245	250	150.0
160	230.74	232.26	80158	1.52	35	0.5	18	2.0	54	1493	100	22.0
MEAN					276.7	0.7	4.4	5.5	757.3	690.2	586.3	52.8



LINE	FROM	TO	NUMBER	SAMPLE LENGTH	AU PPB	AG PPM	BI PPM	CD PPM	BA PPM	HN PPM	AS PPM	SB PPM
					0.0	0.5	0.0	0.5	27.0	59.0	7.0	0.4
					3700.0	12.5	56.0	60.0	8727.0	9260.0	10000.0	670.0

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	NO PPH	W PPH	CU PPH	PB PPH	ZN PPH	BE PPH	SR PPH
1	6.41	8.23	80001	1.82	0	0	51	11	35	0	69
2	8.23	9.75	80002	1.52	2	0	91	20	63	0	160
3	9.75	10.20	80003	0.45	4	0	55	16	30	1	158
4	10.97	11.58	80004	0.61	3	0	42	14	25	1	117
5	11.58	12.50	80005	0.92	6	0	39	20	24	1	122
6	18.59	19.08	80006	0.49	3	0	21	15	30	1	103
7	19.20	20.58	80007	1.38	7	0	39	16	27	0	98
8	20.58	21.40	80008	0.82	3	0	39	12	19	0	92
9	21.40	22.56	80012	1.16	6	0	39	22	23	1	95
10	22.56	24.08	80013	1.52	3	0	75	12	24	0	116
11	24.08	25.62	80014	1.54	4	10	33	18	15	0	77
12	25.62	25.91	80015	0.29	4	0	55	16	28	0	58
13	25.91	28.04	80016	2.13	5	0	44	23	27	0	121
14	28.04	29.57	80017	1.53	6	0	46	19	35	0	115
15	29.57	30.48	80018	0.91	4	0	55	31	35	0	77
16	30.48	31.70	80019	1.22	8	0	49	18	22	0	178
17	31.70	32.31	80020	0.61	9	0	45	25	21	1	152
18	32.31	33.83	80021	1.52	4	20	66	21	37	1	151
19	33.83	35.66	80022	1.83	1	10	63	10	24	1	186
20	35.66	36.88	80023	1.22	4	10	46	16	53	1	134
21	36.88	38.49	80024	1.61	0	20	79	20	51	1	98
22	38.49	39.01	80025	0.52	4	0	60	11	40	1	149
23	39.01	40.54	80026	1.53	5	0	41	20	36	1	140
24	40.54	42.37	80027	1.83	0	0	36	12	39	1	98
25	42.37	43.95	80028	1.58	4	10	54	14	33	1	130
26	43.95	44.81	80009	0.86	5	0	45	14	12	0	101
27	44.81	45.87	80010	1.06	2	0	36	26	22	0	97
28	45.87	46.94	80011	1.07	0	0	24	20	24	0	96
29	46.94	48.31	80029	1.37	3	10	13	15	20	2	114
30	48.31	48.92	80030	0.61	5	0	14	21	15	1	101
31	48.92	50.29	80031	1.37	3	10	35	14	20	1	86
32	50.29	51.51	80032	1.22	3	0	37	12	21	1	91
33	51.51	52.43	80033	0.92	0	0	43	14	14	1	64
34	52.43	53.95	80034	1.52	4	10	62	180	20	1	77
35	53.95	54.56	80035	0.61	3	0	52	180	18	1	74
36	54.56	55.47	80036	0.91	5	10	33	29	18	2	92
37	55.47	57.00	80037	1.53	4	0	37	57	18	1	109
38	57.00	58.52	80038	1.52	6	0	33	21	19	1	106
39	58.52	59.13	80039	0.61	1	0	43	38	20	1	58
40	59.13	60.66	80040	1.53	3	0	67	28	31	1	33
41	60.66	61.57	80041	0.91	3	0	59	20	24	1	63
42	61.57	63.10	80042	1.53	7	0	43	47	179	1	265
43	63.10	64.62	80043	1.52	2	0	154	21	88	1	63
44	64.62	66.14	80044	1.52	1	0	166	38	136	1	74
45	67.67	68.69	80045	1.02	5	10	713	520	2240	1	111
46	68.69	70.40	80046	1.71	2	0	25	250	47	1	94
47	70.40	71.10	80047	0.70	5	0	27	170	44	1	67
48	71.10	72.64	80048	1.54	10	20	96	140	1920	2	201
49	72.64	73.76	80049	1.12	2	0	54	310	1170	1	81
50	73.76	74.98	80050	1.22	4	0	90	220	461	1	79
51	74.98	75.71	80051	0.73	2	0	42	120	100	2	113
52	75.71	76.79	80052	1.08	3	0	24	39	133	1	373
53	76.79	79.57	80053	2.78	1	0	37	77	347	1	495
54	79.57	80.93	80055	1.36	4	0	129	440	229	1	58

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	MO PPM	W PPM	CU PPM	PB PPM	ZN PPM	BE PPM	SR PPM
55	80.93	82.30	80056	1.37	3	0	9	98	72	1	75
56	82.30	84.12	80057	1.82	5	0	35	83	95	1	72
57	84.12	85.28	80058	1.16	4	0	139	91	81	1	70
58	85.28	86.14	80059	0.86	2	0	199	190	49	1	73
59	86.14	87.58	80060	1.44	2	0	22	36	109	1	44
60	87.58	88.89	80061	1.31	3	0	17	41	214	1	54
61	88.89	89.92	80062	1.03	5	0	22	56	85	1	85
62	92.35	94.32	80063	1.97	9	0	10	48	177	1	88
63	94.32	95.40	80064	1.08	6	0	13	40	168	1	42
64	95.40	98.45	80065	3.05	6	0	59	67	270	1	85
65	98.45	100.28	80066	1.83	9	0	8	25	233	0	83
66	100.28	102.11	80067	1.83	5	0	9	26	62	1	140
67	105.16	106.94	80068	1.78	6	0	9	46	76	1	269
68	106.94	108.20	80069	1.26	5	0	5	21	41	1	127
69	108.20	109.70	80070	1.50	8	0	20	40	53	1	47
70	109.70	111.25	80071	1.55	5	0	11	23	48	1	59
71	111.25	113.38	80072	2.13	4	0	5	39	59	1	45
72	113.38	115.34	80073	1.96	3	0	3	39	80	1	40
73	115.34	116.34	80074	1.00	4	0	22	16	27	1	38
74	116.34	117.34	80075	1.00	15	0	73	25	47	1	113
75	117.34	118.34	80076	1.00	15	0	62	31	75	1	95
76	118.34	119.34	80077	1.00	27	0	18	120	262	1	30
77	119.34	120.34	80078	1.00	34	0	43	70	40	1	54
78	120.34	121.31	80079	0.97	4	0	9	16	19	1	30
79	121.31	122.31	80080	1.00	4	0	6	17	40	1	36
80	122.31	123.31	80081	1.00	4	0	11	15	29	1	46
81	123.31	124.31	80082	1.00	4	0	38	8	102	1	271
82	124.31	125.26	80083	0.95	14	0	16	38	156	1	591
83	125.26	126.49	80084	1.23	15	0	14	21	52	1	48
84	126.49	128.00	80085	1.51	5	0	53	26	61	1	37
85	128.00	129.24	80086	1.24	5	0	33	40	53	0	27
86	129.24	130.68	80087	1.44	6	0	20	34	72	1	37
87	130.68	132.13	80088	1.45	3	0	17	29	35	0	33
88	132.13	133.63	80089	1.50	3	0	3	21	17	1	46
89	133.63	135.18	80090	1.55	7	0	9	26	38	1	36
90	135.18	136.68	80091	1.50	3	0	6	16	33	1	95
91	136.68	137.16	80092	0.48	2	0	54	280	120	1	57
92	137.16	138.68	80093	1.52	6	0	33	42	68	1	102
93	138.68	140.18	80094	1.50	3	0	64	16	168	0	31
94	140.18	141.60	80095	1.42	5	0	13	116	75	1	49
95	141.60	142.80	80096	1.20	0	0	5	0	18	1	39
96	142.80	144.00	80097	1.20	1	0	8	32	20	1	52
97	144.00	144.78	80098	0.78	1	0	4	2	24	1	39
98	144.78	146.91	80099	2.13	4	0	8	6	76	1	36
99	146.91	147.69	80100	0.78	8	0	11	44	45	1	70
100	147.69	149.00	80101	1.31	26	0	2	14	22	1	65
101	149.00	150.27	80102	1.27	3	0	3	26	22	1	89
102	150.27	151.79	80103	1.52	13	0	2	28	12	0	79
103	151.79	153.31	80104	1.52	19	0	2	22	29	0	57
104	153.31	154.83	80105	1.52	0	0	1	30	21	1	62
105	154.83	156.36	80106	1.53	2	0	1	26	26	1	63
106	156.36	157.47	80107	1.11	0	0	1	30	17	1	62
107	157.47	159.56	80108	2.09	10	0	5	4	66	1	53
108	159.56	161.10	80109	1.54	8	0	2	16	19	0	60

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	MO PPM	W PPM	CU PPM	PB PPM	ZN PPM	BE PPM	SR PPM
109	161.10	162.61	80110	1.51	10	0	3	14	62	1	57
110	162.61	164.14	80111	1.53	2	0	2	18	67	0	79
111	164.14	165.66	80112	1.52	0	0	3	50	66	1	76
112	165.66	166.29	80113	0.63	2	0	2	14	33	1	87
113	166.29	166.89	80114	0.60	0	0	6	18	20	0	219
114	166.89	167.28	80159	0.39	6	10	469	430	483	0	0
115	167.28	168.10	80160	0.82	3	10	10	18	20	0	534
116	168.10	169.16	80115	1.06	4	0	11	0	23	0	29
117	169.16	170.82	80116	1.66	1	0	109	36	60	0	58
118	170.82	172.47	80117	1.65	3	0	210	84	55	0	92
119	172.47	173.86	80118	1.39	5	10	482	102	105	0	657
120	173.86	175.25	80119	1.39	0	0	237	4	57	0	298
121	175.25	176.78	80120	1.53	0	0	405	66	83	0	157
122	176.78	178.31	80121	1.53	0	0	483	42	195	0	129
123	178.31	179.81	80122	1.50	0	0	268	28	97	0	202
124	179.81	181.31	80123	1.50	0	0	357	4	85	0	209
125	181.31	182.85	80124	1.55	0	0	494	0	61	0	161
126	182.85	184.40	80125	1.55	0	0	498	0	83	1	183
127	184.40	185.93	80126	1.53	0	10	483	0	91	1	181
128	185.93	187.45	80127	1.52	0	20	428	14	141	0	134
129	187.45	188.52	80128	1.07	0	0	524	0	87	0	183
130	188.52	189.59	80129	1.07	0	0	489	24	97	1	104
131	189.59	191.11	80130	1.52	0	0	524	38	69	0	144
132	191.11	192.63	80131	1.52	2	0	323	0	81	0	150
133	192.63	194.16	80132	1.53	0	0	206	58	128	0	200
134	194.16	195.68	80133	1.52	0	0	201	36	120	0	145
135	195.68	197.20	80134	1.52	0	0	352	0	115	0	146
136	197.20	198.73	80135	1.53	0	0	342	16	178	0	170
137	198.73	200.26	80136	1.53	0	0	305	0	89	0	203
138	200.26	201.78	80137	1.52	0	0	425	24	644	0	160
139	201.78	202.93	80138	1.15	0	0	175	18	205	0	217
140	202.93	204.07	80139	1.14	0	0	377	6	95	0	208
141	204.07	204.55	80140	0.48	0	20	418	0	43	0	178
142	204.55	205.44	80161	0.89	1	10	22	20	33	0	96
143	205.44	206.96	80141	1.52	0	10	433	60	199	0	77
144	206.96	208.48	80142	1.52	1	30	304	10	179	0	122
145	208.48	210.11	80143	1.63	0	10	250	12	206	0	144
146	210.11	211.34	80144	1.23	1	10	187	12	84	0	234
147	211.34	212.60	80145	1.26	0	20	158	0	158	0	263
148	212.60	214.27	80146	1.67	0	30	263	26	82	0	173
149	214.27	215.80	80147	1.53	0	10	166	28	74	0	226
150	215.80	217.32	80148	1.52	0	10	137	0	141	0	152
151	217.32	218.77	80149	1.45	0	40	104	122	221	0	223
152	218.77	220.22	80150	1.45	3	20	79	50	221	0	100
153	220.22	221.75	80151	1.53	0	20	53	46	162	0	85
154	221.75	223.27	80152	1.52	1	20	103	24	73	0	106
155	223.27	224.79	80153	1.52	0	30	128	0	109	0	93
156	224.79	226.97	80154	2.18	0	10	284	2	124	0	64
157	226.97	228.00	80155	1.03	33	10	67	4	77	0	111
158	228.00	229.21	80156	1.21	6	10	24	2	75	0	70
159	229.21	230.74	80157	1.53	1	10	295	0	118	0	72
160	230.74	232.26	80158	1.52	0	10	61	0	80	0	126
MEAN					4.1	3.4	109.4	46.3	115.2	0.6	118.4

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	MO PPM	W PPM	CU PPM	PB PPM	ZN PPM	BE PPM	SR PPM
	HIN				0.0	0.0	1.0	0.0	12.0	0.0	0.0
	MAX				34.0	40.0	713.0	520.0	2240.0	2.0	657.0

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	CR PPM	V PPM	P PPM	CO PPM	NI PPM
1	6.41	8.23	80001	1.82	109	169	417	14	67
2	8.23	9.75	80002	1.52	135	185	512	22	74
3	9.75	10.20	80003	0.45	113	156	1080	21	64
4	10.97	11.58	80004	0.61	138	160	350	18	51
5	11.58	12.50	80005	0.92	121	153	474	17	69
6	18.59	19.08	80006	0.49	110	196	233	17	87
7	19.20	20.58	80007	1.38	111	180	464	21	100
8	20.58	21.40	80008	0.82	105	169	652	16	81
9	21.40	22.56	80012	1.16	113	174	222	13	74
10	22.56	24.08	80013	1.52	168	165	804	15	71
11	24.08	25.62	80014	1.54	113	203	263	7	53
12	25.62	25.91	80015	0.29	154	200	162	13	72
13	25.91	28.04	80016	2.13	203	190	459	25	101
14	28.04	29.57	80017	1.53	182	180	344	21	88
15	29.57	30.48	80018	0.91	150	207	508	17	110
16	30.48	31.70	80019	1.22	134	188	1000	16	65
17	31.70	32.31	80020	0.61	190	222	618	19	92
18	32.31	33.83	80021	1.52	178	160	683	21	99
19	33.83	35.66	80022	1.83	202	152	1200	12	56
20	35.66	36.88	80023	1.22	208	144	1130	16	77
21	36.88	38.49	80024	1.61	181	125	1130	24	111
22	38.49	39.01	80025	0.52	237	159	1110	11	73
23	39.01	40.54	80026	1.53	223	154	1030	14	80
24	40.54	42.37	80027	1.83	162	141	279	16	73
25	42.37	43.95	80028	1.58	187	155	861	23	98
26	43.95	44.81	80009	0.86	103	193	123	10	68
27	44.81	45.87	80010	1.06	166	175	323	13	63
28	45.87	46.94	80011	1.07	186	191	136	8	43
29	46.94	48.31	80029	1.37	119	214	163	12	61
30	48.31	48.92	80030	0.61	155	191	686	19	85
31	48.92	50.29	80031	1.37	103	166	230	11	62
32	50.29	51.51	80032	1.22	116	169	337	15	57
33	51.51	52.43	80033	0.92	112	149	286	17	75
34	52.43	53.95	80034	1.52	134	134	426	16	70
35	53.95	54.56	80035	0.61	120	129	402	15	64
36	54.56	55.47	80036	0.91	100	159	208	13	69
37	55.47	57.00	80037	1.53	114	129	223	10	53
38	57.00	58.52	80038	1.52	77	88	274	16	65
39	58.52	59.13	80039	0.61	100	84	200	13	61
40	59.13	60.66	80040	1.53	105	50	373	16	42
41	60.66	61.57	80041	0.91	125	92	425	13	57
42	61.57	63.10	80042	1.53	96	79	1040	20	43
43	63.10	64.62	80043	1.52	174	97	531	21	54
44	64.62	66.14	80044	1.52	228	68	392	20	67
45	67.67	68.69	80045	1.02	112	78	204	9	30
46	68.69	70.40	80046	1.71	98	81	163	1	4
47	70.40	71.10	80047	0.70	100	81	141	5	14
48	71.10	72.64	80048	1.54	117	158	2520	37	87
49	72.64	73.76	80049	1.12	173	73	176	14	41
50	73.76	74.98	80050	1.22	162	67	246	19	43
51	74.98	75.71	80051	0.73	89	75	178	7	33
52	75.71	76.79	80052	1.08	94	129	2010	21	39
53	76.79	79.57	80053	2.78	111	151	2330	24	40
54	79.57	80.93	80055	1.36	116	52	201	3	10

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	CR PPM	V PPM	P PPM	CO PPM	NI PPM
55	80.93	82.30	80056	1.37	93	84	195	11	33
56	82.30	84.12	80057	1.82	79	86	424	25	77
57	84.12	85.28	80058	1.16	90	86	345	20	42
58	85.28	86.14	80059	0.86	94	87	402	31	44
59	86.14	87.58	80060	1.44	74	36	174	13	20
60	87.58	88.89	80061	1.31	110	35	122	21	15
61	88.89	89.92	80062	1.03	43	49	1180	9	7
62	92.35	94.32	80063	1.97	31	52	1310	10	6
63	94.32	95.40	80064	1.08	83	39	272	4	11
64	95.40	98.45	80065	3.05	75	43	1100	11	19
65	98.45	100.28	80066	1.83	56	37	785	10	7
66	100.28	102.11	80067	1.83	31	51	1190	9	3
67	105.16	106.94	80068	1.78	69	29	690	6	10
68	106.94	108.20	80069	1.26	45	35	164	7	7
69	108.20	109.70	80070	1.50	56	41	526	9	15
70	109.70	111.25	80071	1.55	42	21	615	6	9
71	111.25	113.38	80072	2.13	76	29	759	6	10
72	113.38	115.34	80073	1.96	71	21	697	8	6
73	115.34	116.34	80074	1.00	87	30	119	4	9
74	116.34	117.34	80075	1.00	102	17	238	8	11
75	117.34	118.34	80076	1.00	121	18	204	6	10
76	118.34	119.34	80077	1.00	100	22	132	4	7
77	119.34	120.34	80078	1.00	102	19	145	7	9
78	120.34	121.31	80079	0.97	84	23	202	9	6
79	121.31	122.31	80080	1.00	63	21	146	8	8
80	122.31	123.31	80081	1.00	61	23	102	7	7
81	123.31	124.31	80082	1.00	86	20	130	15	12
82	124.31	125.26	80083	0.95	97	19	121	7	10
83	125.26	126.49	80084	1.23	98	45	156	7	14
84	126.49	128.00	80085	1.51	93	30	172	9	14
85	128.00	129.24	80086	1.24	86	30	168	5	11
86	129.24	130.68	80087	1.44	89	31	309	7	15
87	130.68	132.13	80088	1.45	89	34	132	6	10
88	132.13	133.63	80089	1.50	75	34	148	8	14
89	133.63	135.18	80090	1.55	94	27	91	7	11
90	135.18	136.68	80091	1.50	97	33	81	8	13
91	136.68	137.16	80092	0.48	71	13	70	6	5
92	137.16	138.68	80093	1.52	49	27	80	4	12
93	138.68	140.18	80094	1.50	62	27	200	6	5
94	140.18	141.60	80095	1.42	60	45	320	8	16
95	141.60	142.80	80096	1.20	62	41	90	8	6
96	142.80	144.00	80097	1.20	58	34	70	6	5
97	144.00	144.78	80098	0.78	62	37	30	1	15
98	144.78	146.91	80099	2.13	69	37	30	4	9
99	146.91	147.59	80100	0.78	38	9	60	3	7
100	147.59	149.00	80101	1.31	68	0	60	3	11
101	149.00	150.27	80102	1.27	77	0	130	1	6
102	150.27	151.79	80103	1.52	68	0	150	0	0
103	151.79	153.31	80104	1.52	66	0	240	0	17
104	153.31	154.83	80105	1.52	60	0	90	2	10
105	154.83	156.36	80106	1.53	51	0	80	2	5
106	156.36	157.47	80107	1.11	66	0	50	2	3
107	157.47	159.56	80108	2.09	68	0	40	1	5
108	159.56	161.10	80109	1.54	68	0	70	0	7

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	CR PPM	V PPM	P PPM	CO PPM	NI PPM
109	161.10	162.61	80110	1.51	60	0	40	5	5
110	162.61	164.14	80111	1.53	60	0	90	1	0
111	164.14	165.66	80112	1.52	51	0	80	2	2
112	165.66	166.29	80113	0.63	50	0	120	8	8
113	166.29	166.89	80114	0.60	30	11	440	9	5
114	166.89	167.28	80159	0.39	499	0	90	479	0
115	167.28	168.10	80160	0.82	13	15	160	19	0
116	168.10	169.16	80115	1.06	49	17	1550	1	4
117	169.16	170.82	80116	1.66	83	14	830	11	13
118	170.82	172.47	80117	1.65	61	31	2840	19	10
119	172.47	173.86	80118	1.39	85	201	370	29	19
120	173.86	175.25	80119	1.39	51	571	450	26	17
121	175.25	176.78	80120	1.53	46	633	560	33	26
122	176.78	178.31	80121	1.53	43	557	480	36	32
123	178.31	179.81	80122	1.50	98	498	1130	24	57
124	179.81	181.31	80123	1.50	175	392	1090	29	86
125	181.31	182.85	80124	1.55	312	277	1050	37	161
126	182.85	184.40	80125	1.55	351	353	1200	43	205
127	184.40	185.93	80126	1.53	369	302	1010	44	124
128	185.93	187.45	80127	1.52	395	322	1000	43	114
129	187.45	188.52	80128	1.07	372	282	1020	57	125
130	188.52	189.59	80129	1.07	339	245	920	52	127
131	189.59	191.11	80130	1.52	351	265	960	61	113
132	191.11	192.63	80131	1.52	293	250	840	41	105
133	192.63	194.16	80132	1.53	288	294	1010	38	153
134	194.16	195.68	80133	1.52	266	273	770	35	144
135	195.68	197.20	80134	1.52	268	252	890	45	139
136	197.20	198.73	80135	1.53	344	326	960	46	139
137	198.73	200.26	80136	1.53	321	282	980	52	123
138	200.26	201.78	80137	1.52	315	251	990	66	169
139	201.78	202.93	80138	1.15	318	299	880	42	165
140	202.93	204.07	80139	1.14	334	305	910	52	153
141	204.07	204.55	80140	0.48	289	232	940	50	170
142	204.55	205.44	80161	0.89	103	27	2870	8	9
143	205.44	206.96	80141	1.52	327	312	1050	66	183
144	206.96	208.48	80142	1.52	302	257	920	45	166
145	208.48	210.11	80143	1.63	340	362	1070	47	179
146	210.11	211.34	80144	1.23	313	289	860	41	178
147	211.34	212.60	80145	1.26	377	243	780	35	125
148	212.60	214.27	80146	1.67	378	246	850	46	158
149	214.27	215.80	80147	1.53	300	254	760	38	104
150	215.80	217.32	80148	1.52	131	270	790	32	41
151	217.32	218.77	80149	1.45	122	295	1380	33	42
152	218.77	220.22	80150	1.45	85	255	1050	34	26
153	220.22	221.75	80151	1.53	70	326	1130	25	20
154	221.75	223.27	80152	1.52	207	239	610	38	55
155	223.27	224.79	80153	1.52	216	259	570	50	79
156	224.79	226.97	80154	2.18	108	283	1100	43	43
157	226.97	228.00	80155	1.03	171	141	330	27	30
158	228.00	229.21	80156	1.21	238	291	640	42	63
159	229.21	230.74	80157	1.53	83	263	1030	38	26
160	230.74	232.26	80158	1.52	101	214	830	33	24
MEAN					140.3	137.3	573.8	21.9	52.7



4 DATE: 24/SEP/87

ASSAY FLAG D05 - TATS - 087DH002

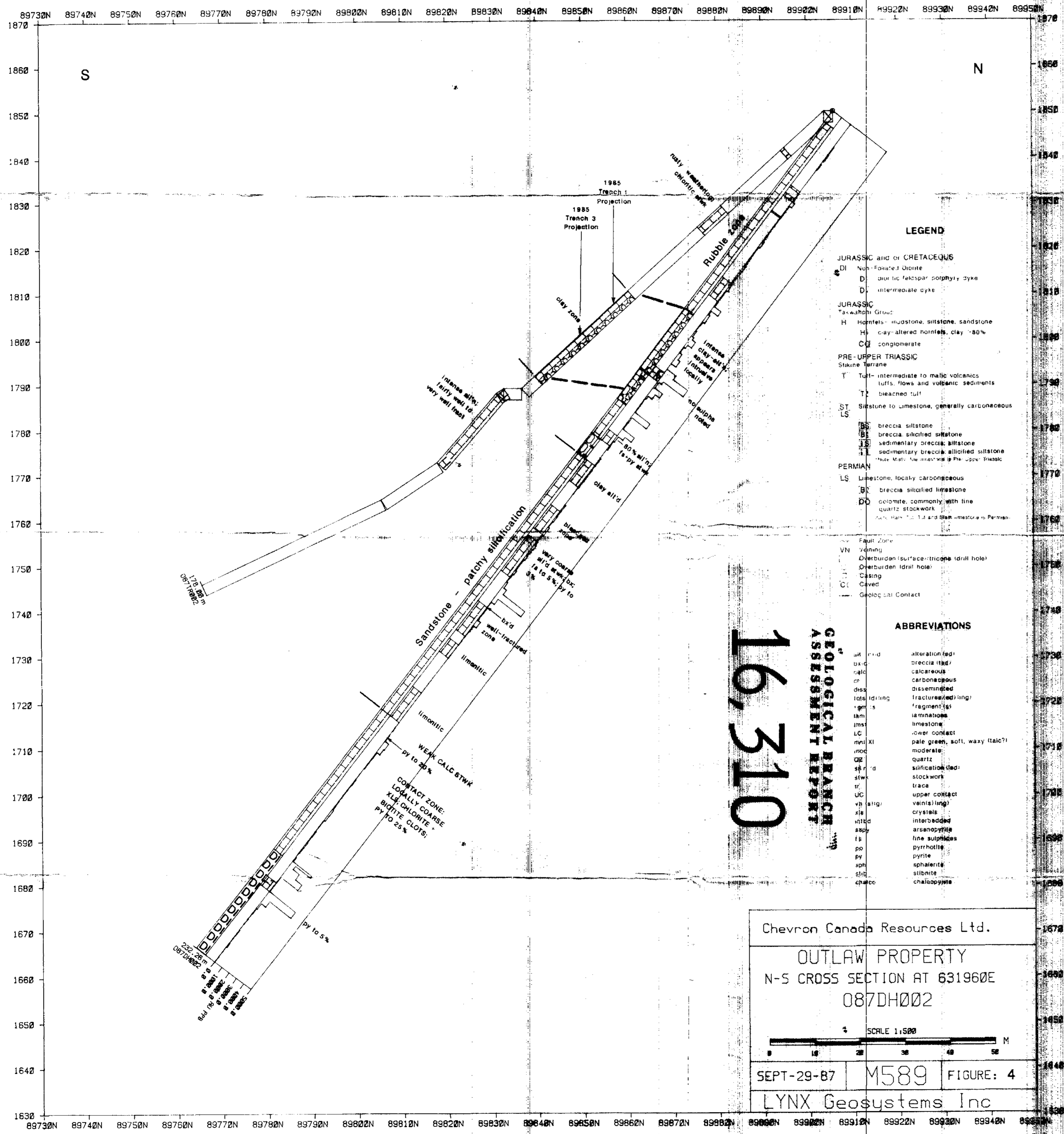
LINE	FROM	TO	NUMBER	SAMPLE LENGTH	CR PPM	V PPM	P PPM	CO PPM	NI PPM
	MIN				13.0	0.0	30.0	0.0	0.0
	MAX				499.0	633.0	2870.0	479.0	205.0

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	FE %	HG %	CA %	NA %	K %	AL %	TI %
1	6.41	8.23	80001	1.82	3.72	0.47	0.40	0.39	3.30	10.40	0.40
2	8.23	9.75	80002	1.52	4.30	0.53	0.48	0.66	3.86	10.80	0.41
3	9.75	10.20	80003	0.45	4.59	0.48	0.34	0.41	3.57	10.50	0.31
4	10.97	11.58	80004	0.61	3.10	0.46	0.18	0.57	4.66	11.80	0.32
5	11.58	12.50	80005	0.92	2.80	0.48	0.25	0.59	4.57	11.20	0.34
6	18.59	19.08	80006	0.49	4.37	0.60	0.20	0.52	4.29	11.40	0.57
7	19.20	20.58	80007	1.38	4.15	0.60	0.22	0.56	3.98	10.60	0.51
8	20.58	21.40	80008	0.82	3.66	0.48	0.24	0.49	3.86	9.88	0.43
9	21.40	22.56	80012	1.16	3.31	0.52	0.23	0.50	4.44	11.80	0.37
10	22.56	24.08	80013	1.52	5.02	0.60	0.28	0.46	3.92	10.50	0.38
11	24.08	25.62	80014	1.54	3.38	0.41	0.28	0.37	3.92	12.20	0.43
12	25.62	25.91	80015	0.29	4.55	0.39	0.36	0.42	3.69	12.30	0.62
13	25.91	28.04	80016	2.13	3.62	0.40	0.27	0.63	4.08	11.50	0.55
14	28.04	29.57	80017	1.53	4.76	0.66	0.23	0.69	3.86	10.80	0.55
15	29.57	30.48	80018	0.91	5.02	0.67	0.16	0.52	3.60	10.80	0.53
16	30.48	31.70	80019	1.22	4.78	0.43	0.17	0.51	3.49	10.30	0.44
17	31.70	32.31	80020	0.61	3.80	0.51	0.22	0.73	4.77	12.30	0.50
18	32.31	33.83	80021	1.52	4.02	0.44	0.22	0.72	3.82	10.50	0.46
19	33.83	35.66	80022	1.83	3.86	0.54	0.72	0.66	3.42	10.70	0.44
20	35.66	36.88	80023	1.22	4.81	0.50	0.60	0.53	2.87	9.34	0.42
21	36.88	38.49	80024	1.61	6.62	0.43	0.41	0.35	2.01	8.62	0.39
22	38.49	39.01	80025	0.52	4.92	0.45	0.41	0.34	2.47	9.89	0.37
23	39.01	40.54	80026	1.53	3.80	0.51	0.49	0.64	3.27	9.87	0.46
24	40.54	42.37	80027	1.83	3.42	0.57	0.22	0.51	3.90	10.10	0.26
25	42.37	43.95	80028	1.58	5.25	0.66	0.35	0.40	3.34	9.75	0.41
26	43.95	44.81	80009	0.86	3.82	0.47	0.18	0.58	4.79	12.10	0.45
27	44.81	45.87	80010	1.06	4.50	0.68	0.30	0.52	4.34	10.80	0.50
28	45.87	46.94	80011	1.07	4.30	0.62	0.16	0.57	4.70	11.50	0.60
29	46.94	48.31	80029	1.37	3.85	0.62	0.19	0.49	4.94	12.10	0.56
30	48.31	48.92	80030	0.61	3.48	0.62	0.40	0.41	4.40	10.80	0.50
31	48.92	50.29	80031	1.37	3.73	0.41	0.24	0.35	3.93	9.78	0.44
32	50.29	51.51	80032	1.22	3.70	0.38	0.26	0.34	4.05	9.66	0.45
33	51.51	52.43	80033	0.92	4.03	0.34	0.18	0.21	3.31	9.01	0.35
34	52.43	53.95	80034	1.52	3.84	0.30	0.26	0.33	3.68	9.34	0.28
35	53.95	54.56	80035	0.61	3.54	0.33	0.33	0.34	3.59	9.06	0.27
36	54.56	55.47	80036	0.91	2.74	0.80	1.51	0.39	4.06	10.70	0.25
37	55.47	57.00	80037	1.53	2.53	0.43	0.86	0.36	2.70	10.80	0.16
38	57.00	58.52	80038	1.52	2.19	0.38	0.68	0.29	2.75	9.06	0.08
39	58.52	59.13	80039	0.61	2.54	1.05	2.49	0.17	2.77	7.79	0.07
40	59.13	60.66	80040	1.53	2.50	0.24	0.25	0.20	2.24	6.11	0.05
41	60.66	61.57	80041	0.91	2.11	0.30	0.30	0.17	3.83	9.65	0.08
42	61.57	63.10	80042	1.53	3.67	0.63	1.12	1.43	2.94	9.76	0.31
43	63.10	64.62	80043	1.52	5.28	0.56	0.61	0.20	3.37	8.40	0.19
44	64.62	66.14	80044	1.52	6.53	0.46	0.52	0.12	2.73	6.95	0.08
45	67.67	68.69	80045	1.02	6.74	0.54	0.81	0.17	4.20	10.10	0.11
46	68.69	70.40	80046	1.71	0.66	0.23	0.19	0.22	5.07	13.60	0.18
47	70.40	71.10	80047	0.70	0.57	0.27	0.22	0.23	4.95	13.20	0.14
48	71.10	72.64	80048	1.54	7.72	2.06	1.72	0.66	1.91	8.82	0.76
49	72.64	73.76	80049	1.12	1.81	0.29	0.27	0.22	4.54	11.70	0.11
50	73.76	74.98	80050	1.22	2.83	0.28	0.39	0.19	3.79	10.40	0.07
51	74.98	75.71	80051	0.73	1.92	0.25	0.52	0.26	4.45	12.00	0.10
52	75.71	76.79	80052	1.08	5.05	1.64	4.21	0.36	1.53	8.40	0.62
53	76.79	79.57	80053	2.78	5.85	2.18	4.35	0.85	1.71	8.79	0.72
54	79.57	80.93	80055	1.36	0.85	0.29	0.36	0.16	3.70	8.95	0.07

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	FE %	MG %	CA %	NA %	K %	AL %	TI %
55	80.93	82.30	80056	1.37	0.54	0.30	0.29	0.26	5.93	14.70	0.13
56	82.30	84.12	80057	1.82	1.38	0.33	0.47	0.26	5.20	13.30	0.14
57	84.12	85.28	80058	1.16	3.75	0.27	0.34	0.26	4.99	12.90	0.18
58	85.28	86.14	80059	0.86	3.88	0.26	0.31	0.25	4.70	12.50	0.14
59	86.14	87.58	80060	1.44	0.66	0.16	0.22	0.16	3.15	8.16	0.08
60	87.58	88.89	80061	1.31	0.82	0.11	0.12	0.28	3.32	7.48	0.07
61	88.89	89.92	80062	1.03	3.11	1.04	2.77	0.25	3.04	8.16	0.14
62	92.35	94.32	80063	1.97	3.29	0.78	1.75	0.19	2.67	8.13	0.19
63	94.32	95.40	80064	1.08	1.07	0.16	0.24	0.17	2.07	6.70	0.12
64	95.40	98.45	80065	3.05	2.06	0.19	0.42	0.18	1.96	8.35	0.09
65	98.45	100.28	80066	1.83	2.51	0.80	2.23	0.09	1.31	5.73	0.14
66	100.28	102.11	80067	1.83	2.77	1.09	3.15	0.13	0.72	7.77	0.22
67	105.16	106.94	80068	1.78	1.68	0.22	0.28	0.14	1.61	7.61	0.15
68	106.94	108.20	80069	1.26	1.43	0.11	0.14	0.13	0.91	7.51	0.22
69	108.20	109.70	80070	1.50	2.20	0.32	0.51	0.13	1.49	6.70	0.14
70	109.70	111.25	80071	1.55	1.74	0.31	0.72	0.12	1.46	7.54	0.13
71	111.25	113.38	80072	2.13	1.58	0.30	0.76	0.05	2.03	7.60	0.14
72	113.38	115.34	80073	1.96	1.64	0.48	1.15	0.08	2.53	6.51	0.11
73	115.34	116.34	80074	1.00	1.55	0.33	0.69	0.07	1.78	5.50	0.08
74	116.34	117.34	80075	1.00	2.18	0.22	0.23	0.10	1.86	5.15	0.07
75	117.34	118.34	80076	1.00	1.87	0.20	0.10	0.12	1.85	4.66	0.05
76	118.34	119.34	80077	1.00	1.13	0.17	0.08	0.12	2.01	5.09	0.05
77	119.34	120.34	80078	1.00	1.56	0.20	0.12	0.14	2.13	5.66	0.07
78	120.34	121.31	80079	0.97	1.32	0.15	0.11	0.17	2.74	7.09	0.08
79	121.31	122.31	80080	1.00	1.50	0.25	0.35	0.16	2.67	6.69	0.08
80	122.31	123.31	80081	1.00	1.87	0.22	0.33	0.15	2.05	6.48	0.08
81	123.31	124.31	80082	1.00	3.99	0.23	0.34	0.12	1.61	5.25	0.07
82	124.31	125.26	80083	0.95	1.54	0.21	0.32	0.10	1.69	4.30	0.08
83	125.26	126.49	80084	1.23	2.24	0.28	0.20	0.17	3.20	7.63	0.19
84	126.49	128.00	80085	1.51	1.95	0.22	0.10	0.17	2.46	7.31	0.10
85	128.00	129.24	80086	1.24	1.37	0.28	0.20	0.15	2.72	6.40	0.12
86	129.24	130.68	80087	1.44	2.15	0.39	0.46	0.19	2.78	6.70	0.18
87	130.68	132.13	80088	1.45	1.81	0.35	0.27	0.16	3.23	7.31	0.20
88	132.13	133.63	80089	1.50	1.85	0.55	1.10	0.14	3.45	7.22	0.18
89	133.63	135.18	80090	1.55	1.46	0.24	0.27	0.14	3.01	6.58	0.08
90	135.18	136.68	80091	1.50	1.81	0.45	0.87	0.14	3.02	7.12	0.11
91	136.68	137.16	80092	0.48	1.46	0.24	0.30	0.17	2.74	6.48	0.05
92	137.16	138.68	80093	1.52	1.60	0.43	0.88	0.15	2.04	6.59	0.14
93	138.68	140.18	80094	1.50	2.13	0.34	0.43	0.16	2.33	6.31	0.12
94	140.18	141.60	80095	1.42	1.98	0.53	1.15	0.15	2.26	7.51	0.24
95	141.60	142.80	80096	1.20	2.51	0.45	0.26	0.16	3.51	8.19	0.27
96	142.80	144.00	80097	1.20	3.46	0.49	0.25	0.15	3.42	7.83	0.26
97	144.00	144.78	80098	0.78	1.45	0.21	0.05	0.13	3.16	7.42	0.26
98	144.78	146.91	80099	2.13	1.59	0.23	0.25	0.10	2.29	6.43	0.21
99	146.91	147.69	80100	0.78	1.01	0.45	1.03	0.18	1.47	8.44	0.13
100	147.69	149.00	80101	1.31	0.61	0.44	0.98	0.09	0.77	6.05	0.02
101	149.00	150.27	80102	1.27	0.49	0.34	0.82	0.11	0.81	6.53	0.03
102	150.27	151.79	80103	1.52	0.39	0.26	0.60	0.09	0.48	5.92	0.02
103	151.79	153.31	80104	1.52	0.50	0.15	0.35	0.14	0.44	6.07	0.03
104	153.31	154.83	80105	1.52	0.53	0.40	1.01	0.06	0.37	6.48	0.03
105	154.83	156.36	80106	1.53	0.46	0.47	1.13	0.05	0.33	6.91	0.03
106	156.36	157.47	80107	1.11	0.37	0.30	0.73	0.10	0.47	6.86	0.03
107	157.47	159.56	80108	2.09	0.71	0.17	0.57	0.06	0.61	5.39	0.02
108	159.56	161.10	80109	1.54	0.44	0.31	0.80	0.04	0.46	5.22	0.02

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	FE %	MG %	CA %	NA %	K %	AL %	TI %
109	161.10	162.61	80110	1.51	0.46	0.09	0.29	0.08	0.50	5.81	0.02
110	162.61	164.14	80111	1.53	0.46	0.07	0.65	0.05	0.34	6.24	0.02
111	164.14	165.66	80112	1.52	0.33	0.10	0.12	0.13	0.37	6.90	0.03
112	165.66	166.29	80113	0.63	0.94	2.02	4.65	0.05	0.18	5.83	0.02
113	166.29	166.89	80114	0.60	2.68	2.38	7.17	0.06	1.77	6.16	0.11
114	166.89	167.28	80159	0.39	4.85	2.62	0.00	0.00	0.01	4.85	1.29
115	167.28	168.10	80160	0.82	5.69	6.69	19.45	0.01	0.20	0.73	0.01
116	168.10	169.16	80115	1.06	0.88	0.37	0.98	0.12	1.93	8.27	0.07
117	169.16	170.82	80116	1.66	2.49	0.46	1.17	0.14	1.81	6.07	0.09
118	170.82	172.47	80117	1.65	2.84	0.49	2.31	0.09	2.95	7.05	0.10
119	172.47	173.86	80118	1.39	5.55	0.96	0.63	0.28	6.36	8.42	0.30
120	173.86	175.25	80119	1.39	5.32	0.93	1.18	0.65	8.43	9.23	0.57
121	175.25	176.78	80120	1.53	7.45	0.90	1.01	1.10	6.55	8.51	0.57
122	176.78	178.31	80121	1.53	7.77	0.88	1.50	1.57	6.10	7.97	0.56
123	178.31	179.81	80122	1.50	6.28	1.30	2.49	0.45	8.89	8.52	0.62
124	179.81	181.31	80123	1.50	6.99	1.52	2.52	0.48	8.55	8.18	0.56
125	181.31	182.85	80124	1.55	8.54	1.56	2.47	0.41	5.92	7.87	0.47
126	182.85	184.40	80125	1.55	10.10	1.63	3.16	0.84	6.46	8.22	0.51
127	184.40	185.93	80126	1.53	9.32	1.20	2.94	0.66	5.63	7.63	0.44
128	185.93	187.45	80127	1.52	10.52	1.30	2.99	0.77	5.00	7.55	0.45
129	187.45	188.52	80128	1.07	10.15	1.27	3.61	1.60	4.81	7.04	0.43
130	188.52	189.59	80129	1.07	9.87	1.47	5.65	0.33	4.66	6.26	0.38
131	189.59	191.11	80130	1.52	10.17	1.92	4.18	1.16	4.80	6.84	0.43
132	191.11	192.63	80131	1.52	8.19	2.34	5.77	1.32	3.52	6.31	0.39
133	192.63	194.16	80132	1.53	7.99	3.24	3.57	1.61	3.83	7.56	0.46
134	194.16	195.68	80133	1.52	7.29	3.27	2.80	0.86	4.74	6.70	0.42
135	195.68	197.20	80134	1.52	9.12	2.87	3.22	0.55	5.78	6.86	0.41
136	197.20	198.73	80135	1.53	9.99	3.37	2.84	1.50	3.32	7.45	0.47
137	198.73	200.26	80136	1.53	9.69	3.09	3.32	1.90	2.49	7.12	0.44
138	200.26	201.78	80137	1.52	10.08	2.35	3.51	1.03	3.37	6.34	0.38
139	201.78	202.93	80138	1.15	7.43	2.65	4.03	1.75	2.60	7.29	0.44
140	202.93	204.07	80139	1.14	9.08	2.86	4.40	1.83	3.43	6.96	0.43
141	204.07	204.55	80140	0.48	9.08	1.54	4.24	0.70	4.17	6.28	0.38
142	204.55	205.44	80161	0.89	1.08	0.63	2.40	0.07	1.54	6.58	0.09
143	205.44	206.96	80141	1.52	10.65	1.65	2.31	0.17	2.15	7.77	0.45
144	206.96	208.48	80142	1.52	7.95	1.69	3.96	0.28	2.33	6.58	0.39
145	208.48	210.11	80143	1.63	9.54	2.09	3.01	1.02	1.77	8.69	0.53
146	210.11	211.34	80144	1.23	8.78	3.84	4.51	2.28	2.11	7.39	0.45
147	211.34	212.60	80145	1.26	6.96	3.18	5.33	2.34	1.41	6.69	0.39
148	212.60	214.27	80146	1.67	9.01	2.24	3.99	0.74	1.56	6.78	0.39
149	214.27	215.80	80147	1.53	6.74	1.84	4.17	1.59	1.57	7.22	0.44
150	215.80	217.32	80148	1.52	6.40	1.69	4.25	0.15	0.99	9.83	0.62
151	217.32	218.77	80149	1.45	6.07	2.30	6.94	0.10	1.42	9.80	0.56
152	218.77	220.22	80150	1.45	7.18	2.28	6.49	0.07	2.33	8.29	0.47
153	220.22	221.75	80151	1.53	6.19	1.22	2.63	0.10	1.31	9.27	0.63
154	221.75	223.27	80152	1.52	7.88	1.51	3.64	0.10	0.61	8.60	0.47
155	223.27	224.79	80153	1.52	9.29	1.80	4.22	0.06	0.50	8.47	0.47
156	224.79	226.97	80154	2.18	7.05	1.36	3.03	0.13	0.57	8.85	0.56
157	226.97	228.00	80155	1.03	5.53	2.39	7.53	0.03	1.01	3.64	0.19
158	228.00	229.21	80156	1.21	8.07	1.65	3.45	0.06	1.69	8.03	0.50
159	229.21	230.74	80157	1.53	6.86	1.30	2.87	0.10	0.32	7.93	0.51
160	230.74	232.26	80158	1.52	6.13	1.99	6.55	0.05	0.56	7.61	0.47
MEAN					4.10	0.91	1.60	0.41	2.97	8.28	0.29

LINE	FROM	TO	NUMBER	SAMPLE LENGTH	FE %	MG %	CA %	NA %	K %	AL %	TI %
	MIN				0.33	0.07	0.00	0.00	0.01	0.73	0.01
	MAX				10.65	6.69	19.45	2.34	8.89	14.70	1.29



16,310

GEOLOGICAL BRANCH ASSESSMENT REPORT

**LEGEND**

- JURASSIC and/or CRETACEOUS
- DI Non-Felsic Diorite
  - D dioritic feldspar porphyry dyke
  - D intermediate dyke
- JURASSIC
- Takahoni Group
  - H Hontfels - mudstone, siltstone, sandstone
  - Hs clay-altered hontfels, clay > 80%
  - CG conglomerate
- PRE-UPPER TRIASSIC
- Stikine Terrane
  - T Tuff - intermediate to mafic volcanics tuffs, flows and volcanic sediments
  - T bleached tuff
- ST Siltstone to limestone, generally carbonaceous
- LS
- LS breccia siltstone
  - BS breccia siltstone
  - BS breccia siltstone
  - BS sedimentary breccia siltstone
  - BS sedimentary breccia siltstone
- PERMIAN
- LS Limestone, locally carbonaceous
  - BS breccia siltstone
  - DD carbonate, commonly with fine quartz stockwork
- Fault Zone
- VN Yarning
  - Overburden / surface / trough / drill hole
  - Overburden / drill hole
  - Casing
  - Caved
  - Geological Contact

**ABBREVIATIONS**

- alr and alteration (red)
- brk breccia (brk)
- calc calcareous
- car carbonaceous
- dis disseminated
- fract fractured (ring)
- frag fragment (s)
- lam laminations
- lms limestone
- lc lower contact
- ml pale green, soft, waxy (talc?)
- mod moderate
- qtz quartz
- sil silification (red)
- stkw stockwork
- tr trace
- uc upper contact
- vein (ring) vein (ring)
- cr crystals
- int interbedded
- ars arsenopyrite
- fs fine sulphides
- py pyrrhotite
- pyr pyrite
- sph sphalerite
- stb stibnite
- chal chalcopyrite

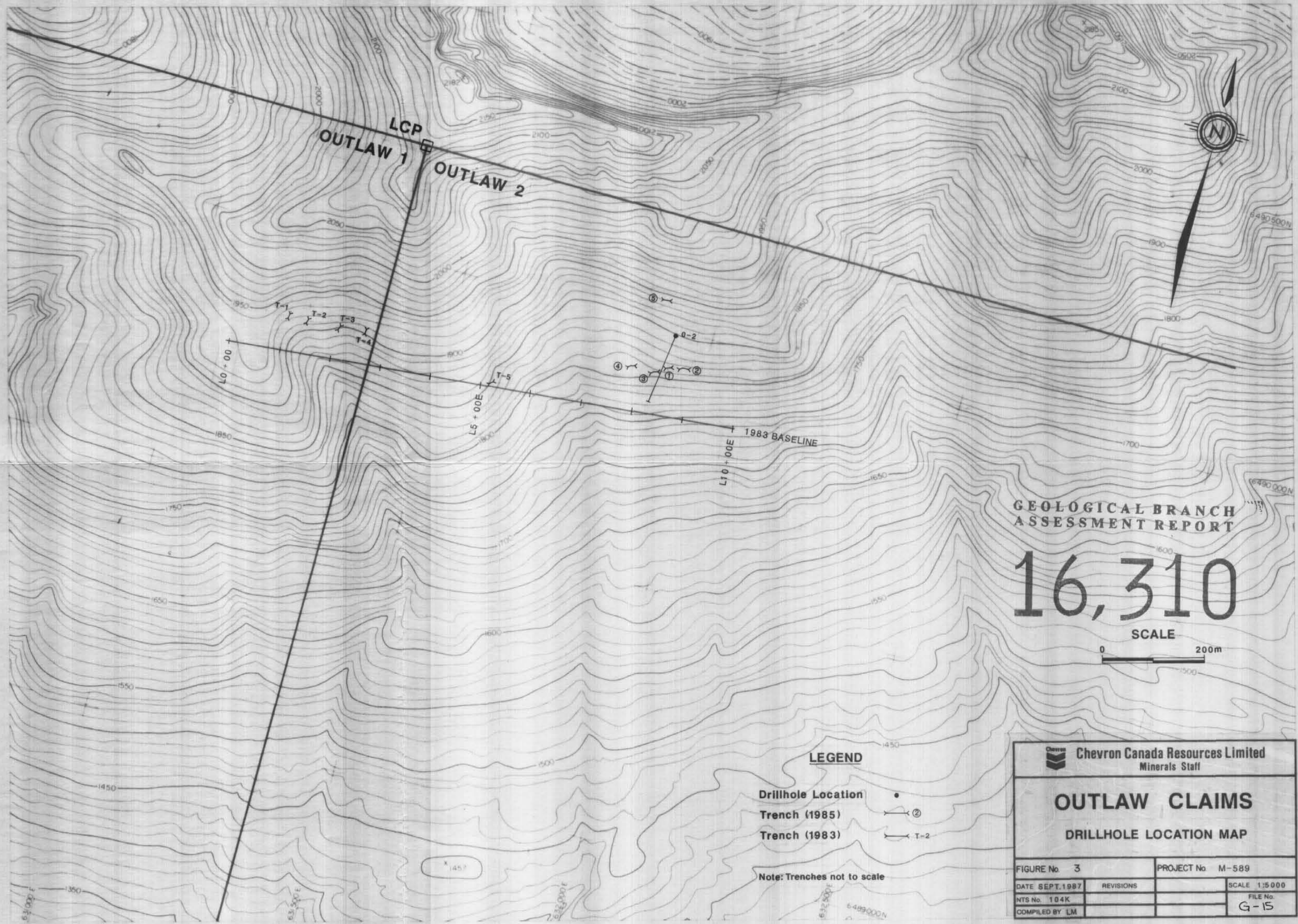
Chevron Canada Resources Ltd.

OUTLAW PROPERTY  
N-S CROSS SECTION AT 631960E  
087DH002

SCALE 1:500

SEPT-29-87 M589 FIGURE: 4

LYNX Geosystems Inc



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,310



**LEGEND**

- Drillhole Location •
- Trench (1985) — X — ②
- Trench (1983) — X — T-2

Note: Trenches not to scale

<b>Chevron Canada Resources Limited</b> Minerals Staff	
<h2>OUTLAW CLAIMS</h2> <h3>DRILLHOLE LOCATION MAP</h3>	
FIGURE No. 3	PROJECT No. M-589
DATE SEPT. 1987	REVISIONS
NTS No. 104K	SCALE 1:5000
COMPILED BY LM	FILE No. G-15