TETS GROUP 4/88

Work report for 1986

by J. Shelford

16091

SMITHERS

87-192-16003

Province of British Columbia | Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Drilling	$ 7132.15

AUTHOR(S) J. Shelford SIGNATURE(S) John C. Shelford

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED April 28, 1987 YEAR OF WORK 1986

PROPERTY NAME(S) TETS

COMMODITIES PRESENT Cu, Zn, Pb, Ag

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 93E-84

MINING DIVISION Omineca NTS 93E/15W

LATITUDE 53° 50.5' LONGITUDE 126° 58.7'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)):

Tets (15 units), John-Boy (5 units), Jim-Bo (10 units), South (5 units), Lake (5 units)

OWNER(S)

(1) J. Shelford (2)

MAILING ADDRESS

Box 166

Burns Lake, B.C. V0J 1E0

OPERATOR(S) (that is, Company paying for the work)

(1) J. Shelford (2)

MAILING ADDRESS

Box 166

Burns Lake, B.C. V0J 1E0

RECEIVED
APR 30 1987
GOVERNMENT AGENT
SMITHERS, B.C.

FILMED

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

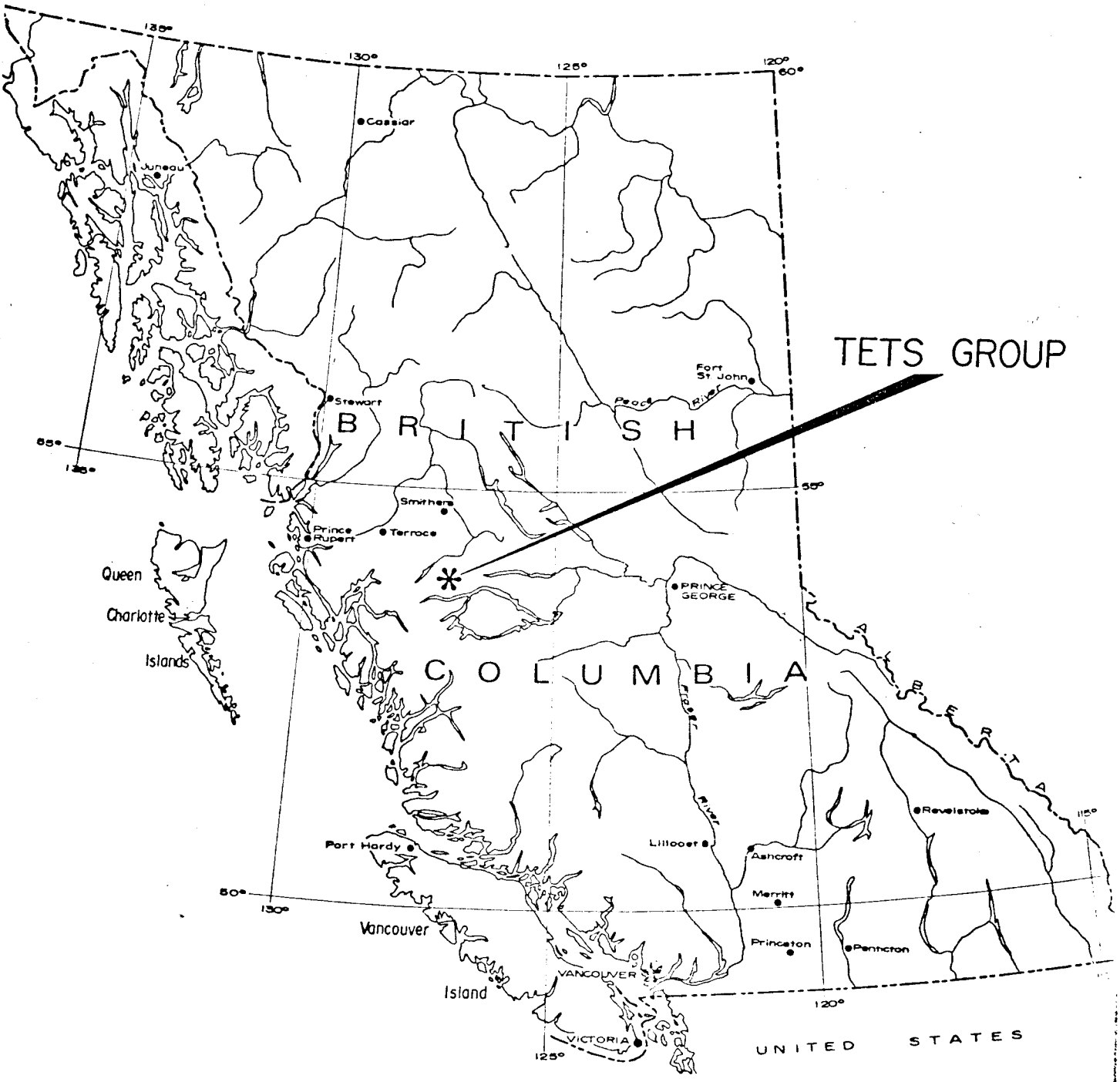
The claims are underlain by volcanic and sedimentary rocks.

Omineca Mining Division
APR 30 1987
Mining Recorder
Burns Lake, B.C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

REFERENCES TO PREVIOUS WORK

16,003


TETS GROUP
135°
130°
125°
120°
60°
Cassiar
Juneau
Stewart
Fort St John
Peace River
B R I T I S H
C O L U M B I A
A L B E R T A
55°
Smithers
Prince Rupert
Terrace
Queen Charlotte Islands
PRINCE GEORGE
Fraser River
Revelstoke
115°
Port Hardy
Lillooet
Ashcroft
Merritt
50°
Vancouver Island
Princeton
Penticton
VANCOUVER
VICTORIA
120°
125°
UNITED STATES
Miles 100 50 0 100 200 Miles

List of Ilustrations

FIGURE I


TABLELAND MTN
SMOKE MTN
Sibola Copper
Placer Develop.
SIBOLA RANGE
SIBOLA PK
MT. SWEENEY
RHINE RIDGE
RHINE CRAG
MOSQUITO HILLS
MOSQUITO CRAG
LAKE
HUCKLEBERRY MTN
Granby Mines
SWING PK
KASALKA BUTTE
MT. BAPTISTE
WHITEHORSE RANGE
TROITSA PK
T. BOLOM
Storm Point
2800
CORE MTN
SIAS MTN
CHIKAMIN MTN
Alastair Point

INTRODUCTION

The writer was born in the area in I9I6, has prospected actively sinceI950,and has been engaged in development work since I959, during wich time two drill programs were observed as to methods and results. In I980 the writer directed a small drill program which produced useful information.

HISTORY

The Tets claims were first staked in July I969 by J. Snelford; Tets 7- I4 were added in April I970; Tets I5- I6 were staked to replace Tets I-2(lapsed by mistake); Tets I7-30 were staked in Sept. I97I; Tets 3I-42 were staked in May I972; Tets 43-54 were staked in May I972; nine fractions Tets 55-67 were added in Aug.I973.

The property was optioned to Sibola Copper Mines (later Sibola Mines) in I970.
On June 22,I973 Grangus Exploration Aktieblag optioned the property and carried out work duringI973- 74, at which time the option was abandoned.

By Sept. I977 all claims were abandoned except Tets 3-12,Tets I5,24 and 26.

In Sept. I977 the claims were regrouped under the grid system as I5 units, named Tets claim.

In I978 John Boy 5 units, Jim Bo I0 units, South 5 units, and Lake 5 units were added, and grouped as the Tets group.

In Feb. I980 Sibola dropped the option and all claims were transferred to J. Shelford.

In I980 a small snallow drill program was undertaken in the area known as Swamp Show, which illustrated the dip and strike of the known mineralized area , asisted by some blasting and trenching etc.

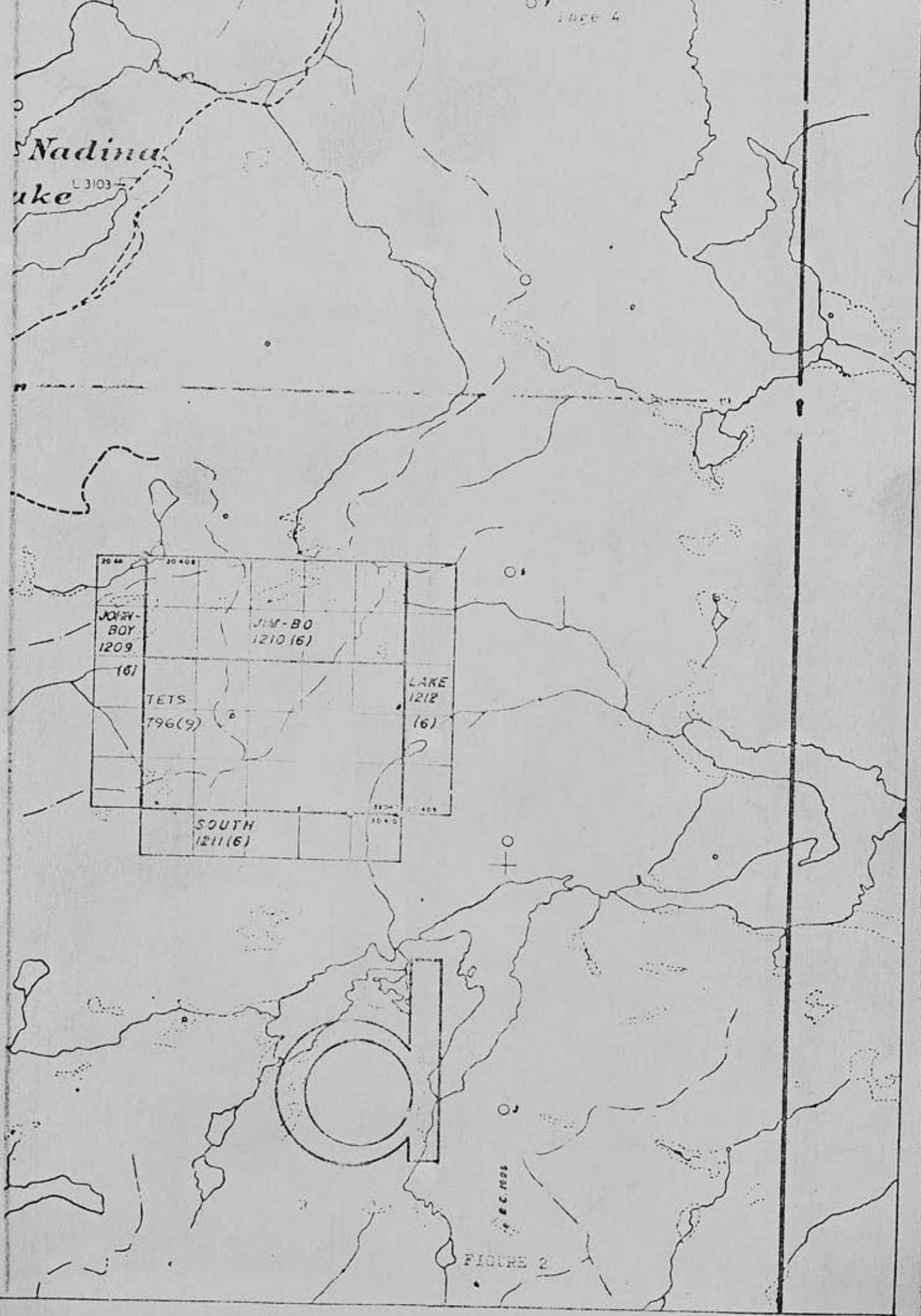

Nadina
L 3103
JOHN-BOY 1209 (6)
JIM-BO 1210 (6)
TETS 796(9)
LAKE 1212 (6)
SOUTH 1211 (6)

FIGURE 2

LOCATION AND ACCESS

"The TETS claims are located appro. nately 5 miles (8.05 km) northeast of Twinkle Lake, which is 40 miles (6. .37 km) south of Houston, B.C. Twinkle Lake is accessible via the Tahtsa Lake road from Houston. During the 1973 program the property was serviced by an Alpine Helicopters machine, based at Twinkle Lake." Sibola built a short, 4-wheel drive access road 84 miles west of Burns Lake, near Nadina Lake, from the northwest. Logging by Eurocan Pulp & Paper has since provided an all-weather access route from the south directly onto the property.

TOPOGRAPHY AND CLIMATE

"Topography on the property varies from moderate to rugged with elevations ranging from 3300 to 4700 feet (1,006 m - 1,433 m). The topography appears to be structurally and geologically controlled, with the ridges exposed and the troughs occupied by swampy meadows.

The property is heavily forested with balsam, spruce and pine, all of commercial value. A logging access road has been constructed across the south-west corner of the property.

The climate is of a temperate nature, with warm summers and cold winters. The area is free of snow from July through October, making the area more readily accessible and more easily worked during this period."

REGIONAL GEOLOGY

The area has received substantial geological activity since the discovery at Goosly Lake. Dr. Neil Church * has spent substantial time on original mapping in the district. He shows that the region is underlain by "... a diverse suite of Mesozoic and Tertiary volcanic rocks and a number of small intrusions ...".

Specific units of the volcanic suite act as host to mineralization resulting from the feeder intrusions.

Mineralization most sought after in the area are termed "Volcanogenic" deposits. These are usually higher grade, smaller tonnage, massive and mixed sulphides of copper, lead and zinc, with substantial values in silver and some gold.

"The main stratigraphic divisions compose a lower sequence of metamorphosed strata, believed to be early Mesozoic age, and an upper sequence of cover rocks of Tertiary and possible late Mesozoic age."

"The igneous intrusions consist of acid, intermediate and basic alkaline types.

Most of these bodies are clearly younger than the lower series strata and some appear to be volcanic necks and feeders to the Tertiary volcanic rocks."

The Goosly Lake deposit, owned by Equity Mining - now under option to Granby Mines, consists of four main zones of massive and disseminated mineralization in Lower Mesozoic volcanic rocks.

Mineralization includes pyrite, pyrrhotite, chalcopyrite with minor tetrahedrite and sphalerite. The key value is in the silver which is probably related to the tetrahedrite.

The mineral zone lies within an alteration zone near the contact of syeno-monzonites and dacite.

The Nadina property near Owen Lake is also a significant mineral deposit.

The belt from Goosly, Nadina to Tsalit Mountain and reaching to the Sibola property has received substantial exploration activity by major and junior companies.

* Church (1970) Geology of the Owen Lake, Parrott Lakes and Goosly Lake Area, G.E.M. pp. 119 - 125.

Property Geology

No geoligical map has been made of the property.

Rock structure appears to strike N/S and dip nearly vertical. Mineral showings appear to dip verticly , but there is a different strike of some showings.

Rock types vary greatly from sediments surrounding the property and encroaching close to alteration areas on the north and south.Rhyolite, dacite ,trachyte, tuff, and diorite in andesite occur, and now two areas in a general line stretching E/W from the westerly limit of known mineralization to nearly the easterly limit of mineralization, and nearly parallel to base line, and close to it.

Mineral showings consist of six general areas.

(I) Shovel Show which consists of Shovel Show , Swamp Show, Tets 28 Show , and Base 44 Show . This is the most westerly group.

Shovel Show appears to be a volcanic neck composed of volcanic breccia conglomerate , minor copper minerals visible in it .

Swamp Show is a vein type deposit with a vertical dip and strike N from Shovel Show .This is one of the most stable showings drilled to date with a width of I0-20 ft, containing disceminated chalcopyrite in a gangue which shows signs of containing rock fragments from the neck material. Tets 28 is a vein type deposit, with a vertical dip , and strike S from Shovel Show . Vein material has very clear evidence of rock fragments of hematite included with minerals,which are pyrite , chalcopyrite , sphalerite, galena. tests at UBC revealed that at least four seperate pulses of mineralization occurred.

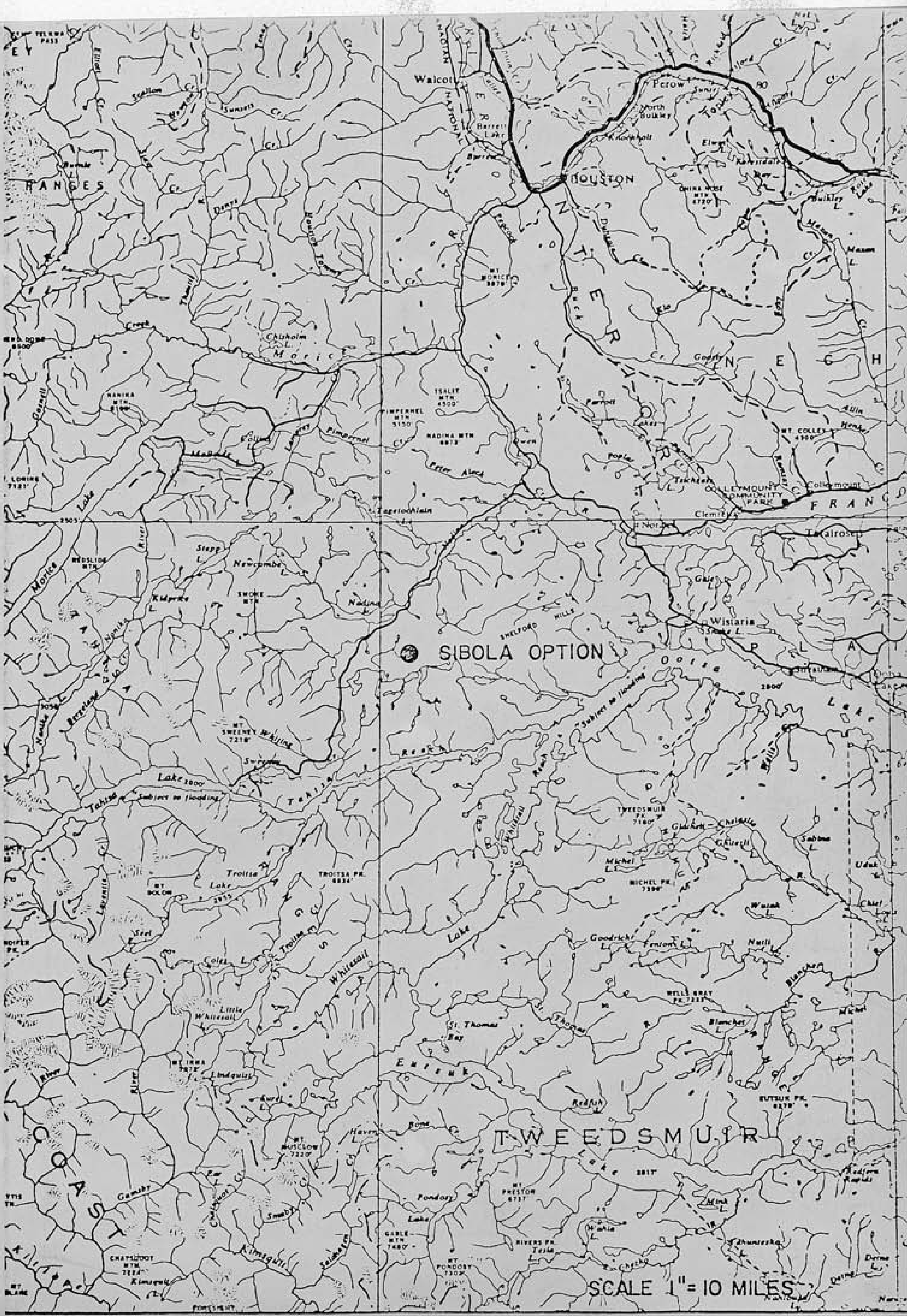
Base 44 is a fault containing bornite striking E from Shovel Show with a steep dip tothe N.

(2) Stump Snow , I2 different mineral showings have been found , rocks are mostly tuffs , but some breccia conglomerate is visible, minerals are chalcopyrite , pyrite, bornite ,tetrahedrite Most showings have a N/S strike and a vertical dip.

(3) PUMP Hill rocks mostly andesite , with dykes of diorite. Mineral showings are small and eratic , containing chalcopyrite, bornite ,tetrahedrite, and galena.Most showings are close to the diorite.

(4) Base 60E/6N which includes the Grangus Shows. At 6IE7N a cone of volcanic breccia conglomerate caps the ridge ,it appears to be only I00 ft wide , but appears to get much larger just underground .

60E/6N contains several parallel veins with a S strike from the neck , and a vertical dip . This is in a mixed up mess of highly fractured tuff with breccia conglomerate forced into the country rock ,the veins contain mostly sphalerite.



SIBOLA OPTION
SCALE 1" = 10 MILES
HOUSTON
Walcott
Perow
North Bulkley
Barrett Lake
Knockholt
Wistaria
Colleymount
COLLEYMOUNT COMMUNITY PARK
Nordal
Tatalrose
Francois
RANGES
INTERIOR
NECHAKO
PLATEAU
TAHTSA RANGES
COAST
TWEEDSMUIR
Morice
Chisholm L.
MT MORICE 5878'
TSALIT MTN 4500'
PIMPERNEL MTN 5150'
NADINA MTN 6873'
NANIKA MTN 8100'
MT COLLEY 4300'
CHINA NOSE MTN 4720'
Owen
Parrott
Poplar
Tchesinkut
Peter Alec's
Pimpernel Cr.
Tagetochlain
Stepp L.
Newcombe L.
SMOKE MTN
Nadina
Kidprice L.
REDSLIDE MTN
SHELFORD HILLS
Ootsa
Lake
2800'
Subject to flooding
Reach
MT SWEENEY 7218'
Whiting
Sweeney
Tahtsa
Lake 2800'
Troitsa
TROITSA PK. 6834'
MT BOLOM
Coles L.
Little Whitesail
Whitesail
Lake
TWEEDSMUIR PK. 7160'
Michel L.
MICHEL PK. 7390'
Goodrich L.
Sabine L.
Wusak
Nutli
Blanchet
WELLS GRAY PK.
St. Thomas Bay
St. Thomas
Eutsuk
Redfish
EUTSUK PK. 6278'
MT IRMA 7875'
Lindquist
MT MUSCLOW 7220'
Pondosy
Lake
MT PRESTON 6737'
GABLE MTN 7480'
MT PONDOSY 7302'
RIVERS PK.
Tesla
Chedakuz
Tahuntesko
Kimsquit
Gamsby
Whitesail
Redfern Rapids
Laventie Cr.
Nanika L.
Bergeland
Morice Lake
2505'
Buck
Goosly
Dungate
Elwin
Kerrsdale
Bulkley L.
Mason
Allin
Ramsey
Gale L.
Dean

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Property Geology continued

The Grangus Shows are 400 ft to the S/E of this area in fractured altered rhyolite , and evidence of breccia conglomerate in place can be found. Minerilazation consists of sphalerite rim coating with wolframite , chalcopyrite ,grenochite.

(5) Jim Show , which includes Zinc Pitts .Jim Show N/S strike vertical dip containing chalcopyrite,bOrnite ,tetrahedrite . In tuff. Zinc Pitt a glob of mineral containing disceminated sphalerite, bornite,chalcopyrite in tuff.

(6) Emerald Show (4) in tuff . Farthest to the N/E, vein type with a N/S strike and vertical dip containing chalcopyrite bornite, tetrahydrite , and chalcocite .

PREVIOUS WORK *

"On June 22, 1973, GRANGES EXPLORATION AKTIEBOLAG optioned the property and implemented the 1973 program. Between June 30 and August 5 of 1973 they carried out 8.75 miles (14.05 km) of line cutting. They collected and assayed 1294 soil samples and ran 40.63 line miles (65.39 km) of magnetometer survey. The results from this program are given in the report: Sibola Option, GRANGES EXPLORATION AKT. by R.E. Reid and G. Zbituoff.

During 1974, GRANGES carried out a limited amount of soil sampling and trenching (154 samples and two blast trenches), then returned the property to Sibola.

The Company continued the work on the property to determine the validity of the geochemical results. Later in 1974 work was done on the Granges Show at 6N - 66E, to include 33 holes and pits. This soil zinc anomalous area (Granges H5), was found to contain zinc, both "black jack" and "ruby" sphalerite.

The zone follows a massive shatter-breccia zone with mainly disseminated and rim-textured sphalerite with some local chalcopyrite. Comparison of the soil zinc map and the zinc found in place indicates that the soil results are indicative in the Granges Area.

In 1975, physical work was carried out again. A 10' x 10' trench was blasted at "Jim's Pit" and sampled, uncovering massive bornite. Five test pits were dug at the "Zinc Pit" and 3 pits and one trench on the "Hill Top Show". The Zinc Pit contained Zinc, Copper, Silver and Lead replacing shattered pyrite. The Hill Top Show is contained in the large Copper anomalous zone centered 6N - 56E and explains the cause. Blasting and trenching uncovered native copper and chalcocite in small quartz-calcite veinlets. The size or magnitude is not known but can explain high soil copper.

In 1976, 27 blast holes and pits and a 15 foot by 4 foot trench were added to the Granges Show.

In 1977, a new area was found at "Base 48". Nineteen test holes, two ten foot trenches, one twelve foot trench and a ten foot by ten foot test hole were blasted into the overburden and underlying rock. This are contains good exposure of copper-silver, bornite-chalcopyrite-tetrahedrite(?) over an area 25 feet by 400 feet, open at both ends."

* - Summary by Sibola staff.

PREVIOUS WORK CONTINUED

Rock stripping and trenching 1979

A total of 1054 cubic feet or 771.5 cubic meters of rock was blasted trenched and pitted in four zones on the property .The areas selected were near the diamond drill targets to broaden the visable rock exposure and sampling .

In zone 1 the Stamp Show. Base 48 area (DD N o. 6 to No.9) , two rock trenches were blasted totalling 1450 cubic feet, and eight pitts for 384 cubic feet totalling 1834 ft(50.0)M

In zone 2the Bear Show (DD No11 to No .16) three rock trenches and twelve pitts were blasted, totalling 2402 cubic feet or (82 cubic meters)

In zone 3, the Base 44 Show (DD No .24 and No .25) two rock trenches and two rock pitts were blasted for 1122 cubic feet (31.8 cubic meters

In zone 4, the Grangus Show area (DDNo.29) one rock trench was blasted and four rock pitts for696 cubic feet or 19.6 cubic meters

DIAMOND DRILL PROGRAM

Mauro C. Baretta 26985- 100 AVE. Whannock B.C. completed 29 diamond drill holes for a total of 1800FT. using a winkie drill and a Passe Par Toute (all terain viechicle) for transport of the drill , water was pumped from local water sources with one and two pumps in tandem. This was done as a result of Ron STokes

PREVIOUS WORK CONTINUED

recomendation that known showings be crosscut with a drill to test at depth , however very little of this was done , and instead most holes were of a prospecting nature in anomolus areas. Consequently they were so far apart that it is impossible to get structure information from any two holes to compare them.

In I980 a shallow drill program was done in the Swamp Show area.

In I98I one drill hole and some trenching was done at the HArry Show, also eight very shallow holes were put in at the Granges Show.

In I983 adrill program of four shallow drill holes were drilled at Stump Show . Also more trenching and blasting was done, to expose showings and establish a dip and strike..

In I984 four shallow drill holes were drilled at Stump Show , and a stripping and trenching program was carried out to gain information .

Knowledge gained that apparently structure in the Stump Show area consists of narrow vertical mineralized areas with a N/S strike. Which appears to link up some of the known exposures, and corresponds well with the long IP anomoly at base 49 . Stump No 7 appears to be in this anomolus area.

In I985 the drill was moved to Pump Hill area , one hole drilled and one hole started .

A hole was blasted in the area of an intrusive .

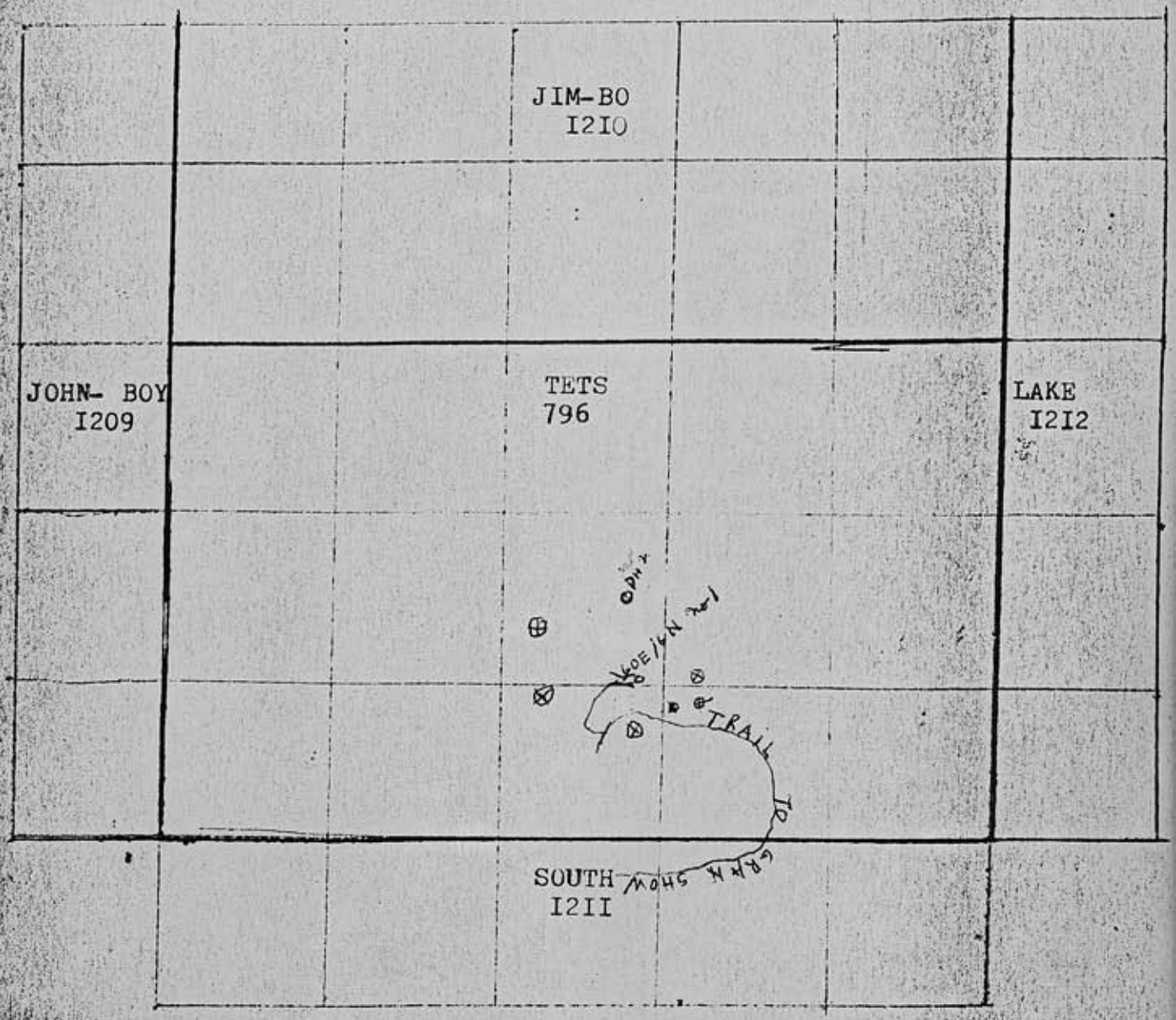


FIGURE 3
Tets group
Diamond Drill hole and phisical work location map
J. Shelford Jan 16 1987
For 1986

LEGEND

rock trench

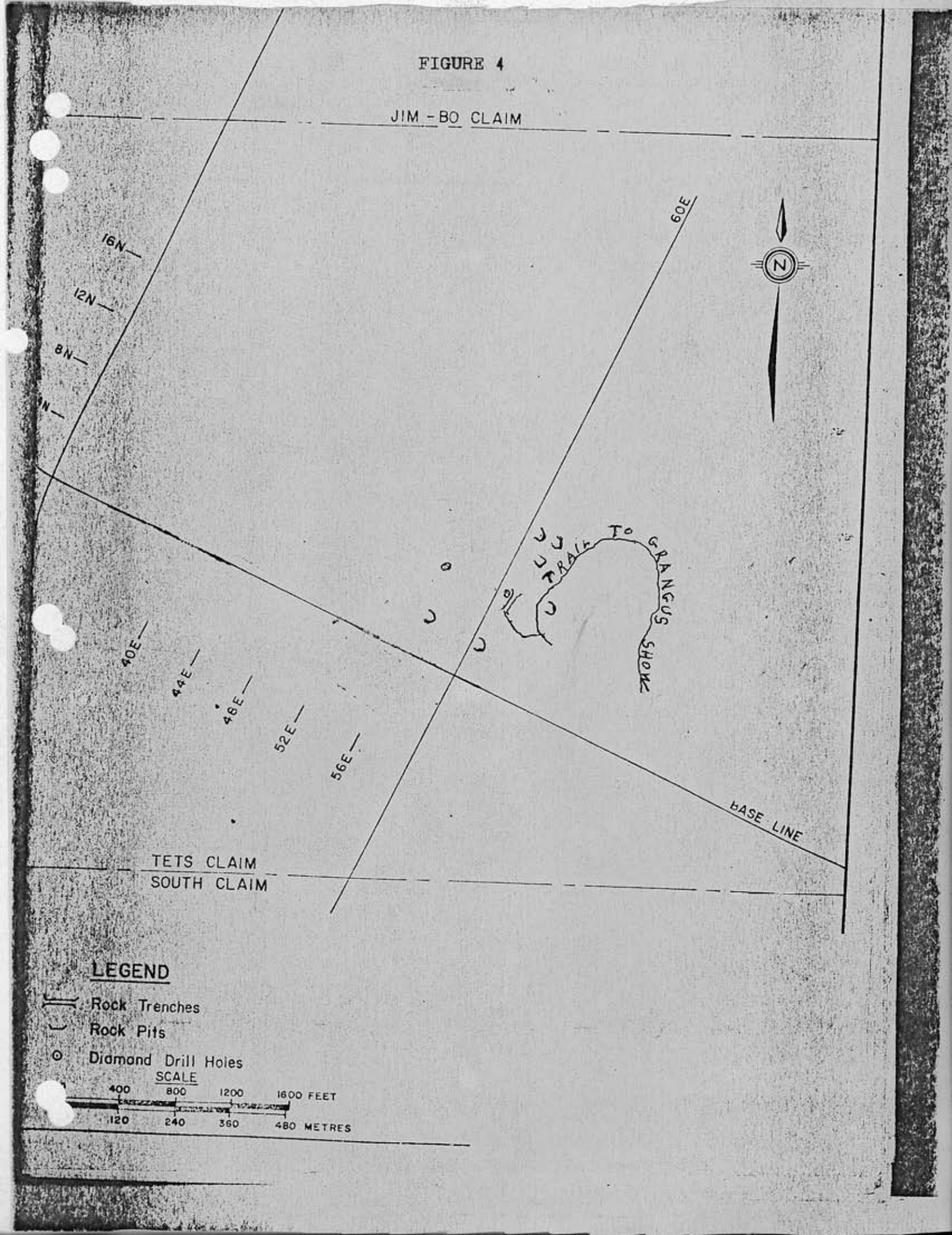
pitt

diamond drill hole

1640ft 3280ft 4920ft

scale

FIGURE 4


JIM - BO CLAIM
60E
16N
12N
8N
40E
44E
48E
52E
56E
TRAIL TO GRANGUS SHOWING
BASE LINE
TETS CLAIM
SOUTH CLAIM
N
LEGEND
Rock Trenches
Rock Pits
Diamond Drill Holes
SCALE
400 800 1200 1600 FEET
120 240 360 480 METRES

I986 Drill Program

Tets Property 93E I5 W

During I986 P H2 drill hole was drilled to 85 FT? and 60 E /6 N No I hole was drilled to a depth of 24 FT.

Poor progress was made due mostly to very dry conditions. On June 30 th P H 2 was drilled from Io ft to 28 ft . On July 2 drilled P H 2 to 64 ft , and looked at 60 E /6N as to water supply and access.

On July 6 drilled P H2 to 85 ft , also cleared out and extended hole for drill site at 60 E / 6N, also moved drill to new site , also cut out part of Grangus access road .

July I3 finished cutting out Grangus access road , and did some road levelling . Set up drill at 60E /6N @44 down facing N 30 W , drilled No I hole to 8 ft , and cased to 3 ft , very difficult drilling due to broken up ground.

July 27 cased to 8 ft , and drilled to I8 ft , also blasted and dug new water hole down depression to SW, lost water at I6 ft , cemented hole .

Aug 3I moved all drill rods to 60 E /6 N , cut out trail from Granges Show to 60 E / 6N , dug water hole larger.

Sept I drilled out cement and drilled to 2Ift .

Sept 5 drilled to 24 ft again lost water , cemented hole.

Sept 28 drilled out cement to 24 ft , brought down rest of hose and 45 gal drum , and laid out siphon hose I000 ft to upper Grangus water hole ..

Nov 9 closed up drill for winter.

Phisical Work Report

Cut out playcat road from clearcut to Grangus Show , levelled part of grade , and cleared loose rocks off grade.

Cut new road from Grangus Show to 60E / 6N.

Blasted and dug out water hple down depression from 60E /6N.
Blasted and levelled out drill site at 60E /6N.

Cleared out hole at Poplar show .

Cleared out hole at Grangus Show depression.

Cleared out three Iron Show holes.

I986 Phisical Work Statment

I water hole Io ft x 6 ft x 4ft = 240 cu ft @ $ I.70 = $408.00

Drill Site I5 ft x 8 ft x 4 ft = 480 cu ft@$ I70 = $8I6.00

Clearing out pitt at Poplar Show 8 x8 x4 ft =256 cu ft@$I.70=$433.00

Cleaning out pitt at Grangus Show 6x4x4ft =96cuft @ $I.70 =$I93.20

Cleaned out 3 pitts at Iorn Show @ $I00.00 each= $300.00

Work on road to Grangus Show $500.00

Extending road from Grangus Show to 60E/6N $300.00

Total $2950.40

Drill Hole Statment I986

Hole	Casing	Cementing	Depth	Days worked	Dates worked
P H 2	0	0	85 ft	3	June 30 July 2 6
60E /6N NO I	8ft	32ft (2 attempts)	24ft	8	July I3 27 Aug 3I Sept. I, 5, I9 28
Total	8ft	32ft	99ft	II	Nov. 9

8ft casing @ $40.00 ft = $320.00

32ft cementing @ $ Io.00ft = $ 320.00

99ft diamond drilling @ $25.00 = $2475.00

$3II5.00

Aditional Expenses

Core storage building 7x 8ft = 56sq ft .

56 sq ft @ $I8.00 sq ft = $I008.00

3 core boxes @$I5.00 = $ 45.00

sub total $I053.00

assay fees $ I3.75

total $I066.75

List of expenses to substantiate Drill Program for I986

Diamond Drill rental IIdays @ $ I00.00	=$ II00.00
Power saw rental	$ 200.00
Play Cat rental	$275.00
Atlas-copco rental	$275.00
Transportation	$200.00
fuel for drill	$24.20
oil for drill I0 qt	$I8.90
drillcrew 2men for IIdays @ $90.00 =	$990.00
Total	$3083.I0

Tets Group

List of claims and distributation of work

Claims	Record No	Valid to	Record Date	Work credits applied for
Tets I- I5	796	I990	Sept.	I year
John Boy I-5	I209	I987	June	I year
Jim-bo I-I0	I2I0	I987	June	I year
South I-5	I2II	I987	June	I year
Lake I-5	I2I2	I988	June	I year

* Note this leaves a balance of $ 36338.05 in P. A.C.

Comments

Core is stored at the residence of J. Shelford .
Drill is set up at 60E/6N and plans are to deepen hole NoI in I987.

The formation at 60E/6N is one of the most complicated found on the property .While working around the drill site a strange nodgelar formation was found , some nodgules as large as a mans body. Just N/Eof drill a cap on the small hill appears to be conglomerate breccia , about the size of a pea ,solidly cemented and silicified .This appears to be a volcanic neck .

Raidating out from this like spokes from a hub are fracture veins . Some of these were drilled through in hole NO I.

This is on hillside above the Grangus Show and appears to be the source which caused the mineralization there.

This has started a new line of thinking about causes of mineraliz- - ation on the property.

The writer took a visiting geologist to the Shovel Show , he identified the rock as volcanic breccia , probably neck material , this rock has a similiar texture but isnt silicified.
This is located in the western area of mineralization in the centre between Tets 28 ,striking N, Swamp Show striking S and Base 44 striking W .

The writer is convinced that a similiar neck is present near the Stump Show , situated just to the S/E.

If this proves to be correct it means that the property has three necks in a line running E/W in a distance of aprox one and a half miles, and explains the cause of most of the mineral showings ,except the more northerly ones . Emerald group , Jim SHOW , Zinc Pitt.

Each neck area has a different type of mineralization , 60E/6N , mostly sphalerite , Shovel show mostly chalcopyrite , and Stump Show mostly bornite , with some tetrahedrite and chalcopyrite.

I986 Diamond Drill Program

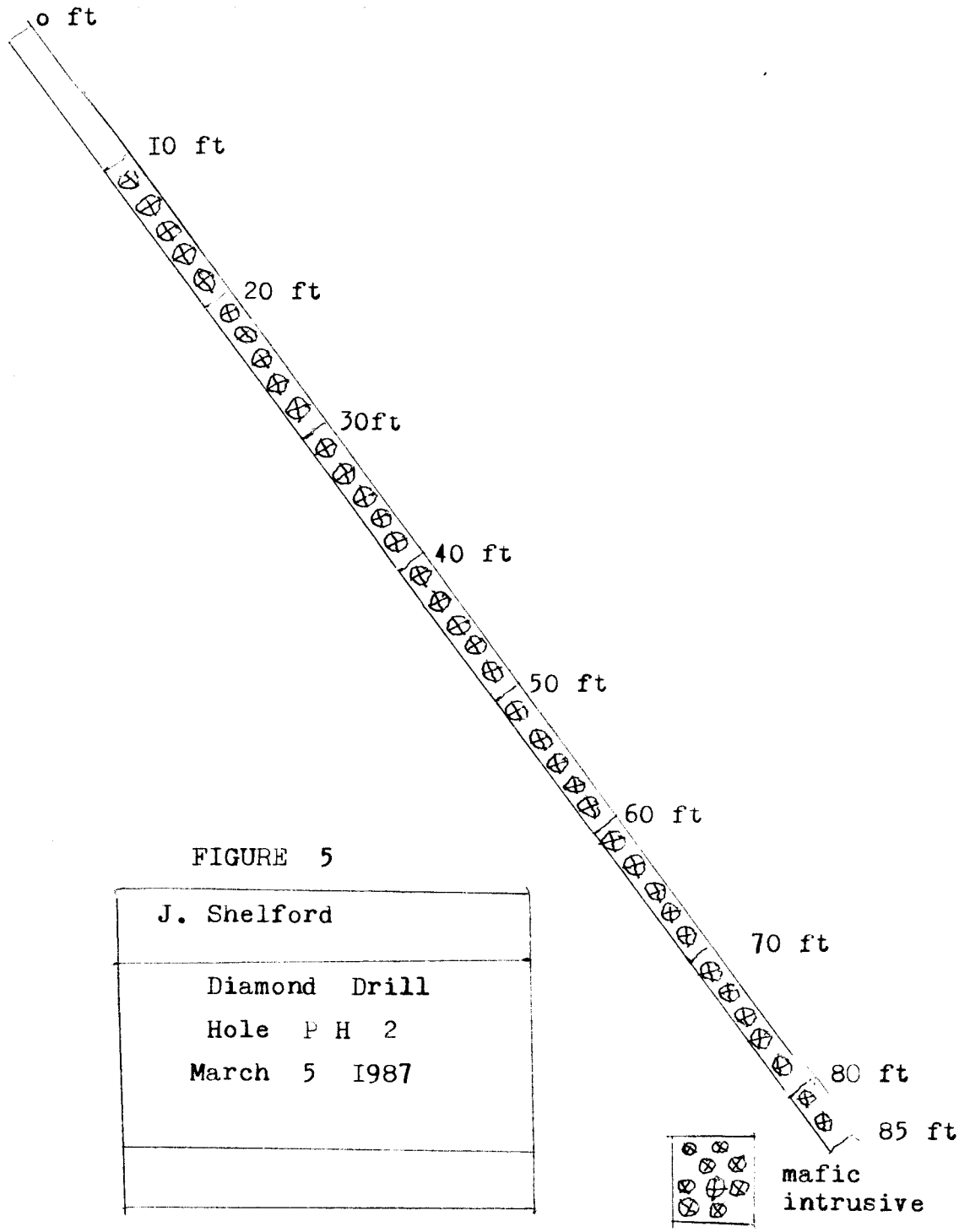


FIGURE 5

J. Shelford

Diamond Drill
Hole P H 2
March 5 I987

STATEMENT OF QUALIFICATIONS

Relevant Training

B. Sc. (1970) - Pennsylvania State University
Geological Sciences

M. Sc. (1973) - University of Toronto
Geochemistry

Relevant Experience

1973 - 1980 - Exploration and Mine Geologist
Cominco Limited
Vancouver and Yellowknife

1980 - 1982 - Project Geologist
Noranda Exploration Company, Limited
Yellowknife

1982 - 1983 - District Geologist
Noranda Exploration Company, Limited
Smithers

1984 - - Project Geologist
Noranda Exploration Company, Limited
Prince George

Professional Affiliations

Fellow, Geological Association of Canada

Founding Member, Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories.

Delbert E Myers

DELBERT E. MYERS, JR.
Project Geologist
19 March 1987

NORANDA EXPLORATION COMPANY LIMITED
(NO PERSONAL LIABILITY)

D.D.H. #

DATE COLLARED: DATE COMPLETED: 1986 CORE SIZE: 24 mm dia. PROPERTY: TETS N.T.S. NO: 93 E/15W

PROJECT:

FIELD CO-ORDINATES

LAT: 7N DIP: -22 Degrees

1 Foot = 0.3048 metres

DEP: 55E BEARING: 360 Degrees

PAGE 1 OF 1

LENGTH: 85 feet

HOLE NO: PH - 2

ELEV:

FROM (ft)	TO (ft)	REC (%)	DESCRIPTION	STRUCTURE ft/deg. WCA	% SULPH.	SAMPLE NO.	INTERVAL	WIDTH (ft)	AU (ppb)	AG (ppm)	CU (ppm)	ZN (ppm)	PB (ppm)
			HOLE DEEPENED FROM 10 FEET.										
			RUN RECOVERED RECOVERY										
			10-15' 5 1/2' core										
			15-20' 5'										
			20-26' 5' core										
			26-30' 4' core										
			30-35' 6' core										
			35-40' 5 1/2' core										
			40-45' 4 1/2' core										
			45-50' 4' core										
			50-56' 4' core										
			56-65' 10' core										
			65-70' 2 1/2' core 50%										
			70-80' 2' 20%										
			80-85' 7'										
			TOTAL 75' 60' recovered 80% recovery										
10	85		MAFIC INTRUSIVE - spotted texture with lighter colored fsp rich spots to 5mm in darker matrix with abundant hematite, chlorite, minor calcite veinlets. Maroon to dark reddish gray, minor epidote, chlorite alteration, esp. at 14 feet. Med. grain section 63-64 feet.										
	85		END OF HOLE										

LOGGED BY: DEL MYERS - March 12, 1987

Del Myers

I986 Diamond Drill Program

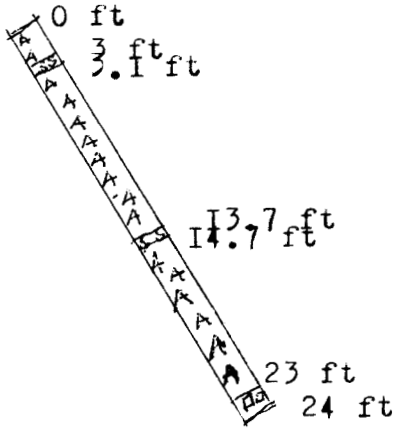


FIGURE 6

J. Shelford
Diamond Drill Hole 60 E/6N NO I
Mar. 3I I987

andesite

silicious zone

breccia

NORANDA EXPLORATION COMPANY, LIMITED
(NO PERSONAL LIABILITY)

D.D.H. #

DATE COLLARED: DATE COMPLETED: 1986 | CORE SIZE: 24 mm dia. | PROPERTY: TETS | N.T.S. NO: 93 E/15W | PROJECT:

FIELD CO-ORDINATES

LAT: 6N | DIP: -44 Degrees | PAGE 1 OF 1

DEP: 61E | BEARING: 330 Degrees | HOLE NO: N - 1

LENGTH: 24 feet

ELEV:

FROM (ft)	TO (ft)	REC (%)	DESCRIPTION	STRUCTURE ft/deg. WCA	% SULPH.	EST. GRADE	SAMPLE NO.	INTERVAL	WIDTH (ft)	AU (ppb)	AG (ppm)	CU (ppm)	ZN (ppm)	PB (ppm)
			RUN CORE MISSING RECOVERY 0 - 5' 6" short 5 - 8' -- 8 -15' -- 15-18' 6" short 18-21' -- 21-24' 12" short TOTAL 24' recovered 22' 92% recovery											
0	3.0	83	ANDESITE - fine/v. fine grain, dark greenish gray to greenish gray, bleached toward end, minor calcite veinlets		trace	nil								
3.0	3.1	100	SILICIOUS ZONE - alteration? or rhyolite. Gray/tan, with kspar-calcite-adjacent to calcite-pyrite-sphalerite (pale) veinlet.	veinlet @ 60 deg. to WCA	3	low								
3.1	13.7	93	ANDESITE - Fine/v. fine grain, dark greenish gray to greenish gray, common calcite-hematite? veinlets.	12.5' veinlet cc-sph-py-hem	trace	low								
13.7	14.7	100	SILICIOUS ZONE - alteration? or rhyolite. Silicious, gray/tan, v. fine grain rock with minor calcite and pyrite veinlets with trace pale sphalerite.		1	1	86691	13.7-14.7	1.0'					
14.7	23.0	87	ANDESITE - fine/v. fine grain, dark greenish gray to greenish gray, minor calcite-hematite veinlets (purple), .5" clay seam at 18.2 feet		trace	nil								
23.0	24.0	67	BRECCIA OF ANDESITE & ALT. ANDESITE/ RHYOLITE FRAGMENTS - 3mm to 10+mm, minor calcite veinlets											
	24.0		END OF HOLE											

LOGGED BY: DEL MYERS - March 11, 1987

Del Myers

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : SHELFORD, JOHN C.

BOX 166
BURNS LAKE, B.C.
V0J 1E0

** CERT. # : A8610948-001-A
INVOICE # : I8610948
DATE : 18-MAR-86
P.O. # : NONE

Sample description	Prep code	Sr %					
SHELFORD #1	207	0.04	--	--	--	--	--

VOI rev. 4/85

W. Stockmann

Registered Assayer, Province of British Columbia

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : SHELFORD, JOHN C.

BOX 166
BURNS LAKE, B.C.
V0J 1E0

** Invoice # : I8610948

Date : 18-MAR-86
P.O. # : NONE
Project

Invoice for analytical work reported on certificate(s) A8610948-001

Quantity	Analysed for code	description	unit price	amount
1	362	- Sr %	10.00	10.00
		Sample preparation and other charges :		
1	207	- Assay - PULVERIZE	3.75	3.75

TOTAL $ 13.75

Please pay this amount ----> $ 13.75

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts