

MAP NO.: ASSESSMENT REPORT
105L 14,15,16 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093157
MINING DISTRICT: MAYO
TYPE OF WORK: Geology, Geophysics
GEOCHEMISTRY

REPORT FILED UNDER: ENERGOLD MINERALS INC

DATE PERFORMED: AUG 9 - 26, 1993

DATE FILED: DEC 22, 1993

LOCATION: LAT.: 62°55'N

AREA: DROMEDARY MOUNTAIN

LONG.: 135°00'W

VALUE \$: 14,400

CLAIM NAME & NO.: NORA 1-34 (YB26763-796), ACE 69-76 (YA51442-449), ACE 85,87 (YA51458,460), ACE 5 (YA52059), ACE 7-32 (YA52061-066), ACE 23-28 (YA52077-082), ACE 39-44 (YA52093-098), ACE 55-60 (YA52109-114), ACE 105-108 (YA52127-130), ACE 121-124 (YA52143-146), ACE 137-140 (YA52159-162), ACE 153-156 (YA52175-178), ACE 169-172 (YA52191-194), ACE 277-284 (YA52335-342), ACE 293-300 (YA52351-358), ACE 309-316 (YA52367-374), DMC 1-18 (YB02749-766), DMC 19-36 (YB02819-836)

WORK DONE BY: H.W. SELLMER; R. ZURAN; ENERGOLD MINERALS LIMITED

WORK DONE FOR: ENERGOLD MINERALS LIMITED

DATE TO GOOD STANDING:

REMARKS: 196 AUGER SAMPLES WERE COLLECTED. MAGNETOMETER SURVEYS WERE COMPLETED ON THE SOIL GRIDS.



M.R. file no.
R.M.M.R. file no.
Date forwarded <i>15 Dec. 93</i>

TRANSMITTAL FORM

From: Mining Recorder at: *Mayo*

To: Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

NEW APPLICATION FOR PLACER LEASE TO PROSPECT

Name

RENEWAL APPLICATION PLACER LEASE TO PROSPECT

Name

Lease no.

AFFIDAVIT OF EXPENDITURE ON PLACER LEASE

Name

Lease no.

SECURITY DEPOSIT

FINANCIAL ABILITY

ASSIGNMENT OF PLACER LEASE NO.

From

To

GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.

Owner

DIAMOND DRILL LOGS

Claims

Claim sheet no.

QUARTZ ASSESSMENT REPORT

Claims

Claim sheet no.

Type of report

Submitted by

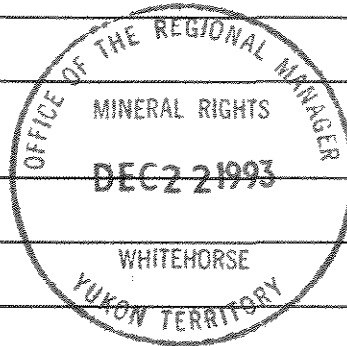
Auger Overburden Sampling + Analysis

Energold Minerals Inc.

Cls. work performed on

\$ req. for ren. application

14,400.00



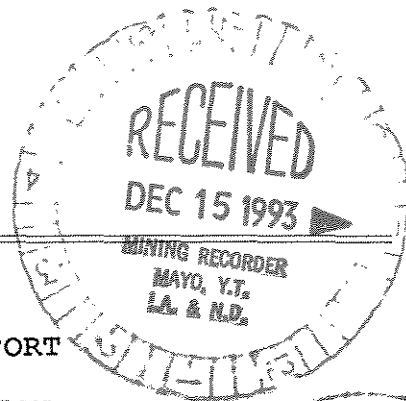
Graham
Signature

REPLY ACTION

Date returned

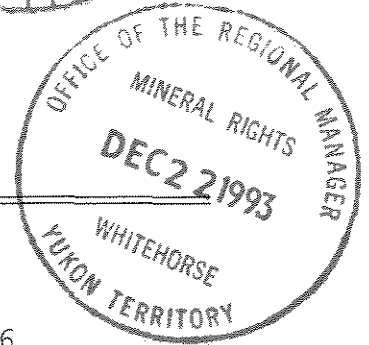
093157

Signature



1993
PHYSICAL ASSESSMENT REPORT
ON THE
DROMEDARY MOUNTAIN OPTION

Whitehorse/Mayo M. D., Yukon Territory
(August 9th-26th, 1993)



Claims:	Nora 1-34	YB26763-YB26796
	Ace 69-76	YA51442-YA51449
	Ace 85, 87	YA51458, YA51460
	Ace 5	YA52059
	Ace 7-32	YA52061-YA52066
	Ace 23-28	YA52077-YA52082
	Ace 39-44	YA52093-YA52098
	Ace 55-60	YA52109-YA52114
	Ace 105-108	YA52127-YA52130
	Ace 121-124	YA52143-YA52146
	Ace 137-140	YA52159-YA52162
	Ace 153-156	YA52175-YA52178
	Ace 169-172	YA52191-YA52194
	Ace 277-284	YA52335-YA52342
	Ace 293-300	YA52351-YA52358
	Ace 309-316	YA52367-YA52374
	DMC 1-18	YB02749-YB02766
	DMC 19-36	YB02819-YB02836

093157

Location: 240 Km. North of Whitehorse, Yukon
NTS 105 L/14, 15, 16.
Lat 62°55'N; Long 135° 00'W

By: H. W. Sellmer, MSc., P. Geol.
R. Zuran, BSc.

ENERGOLD MINERALS INC.
1500-700 West Pender Street
Vancouver, B. C. V6C 1G8

October, 1993.

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- Appendix B: Magnetic Data
- Appendix C: Invoices

SUMMARY

During the period August 9th to 26th, 1993, a program of auger sampling, magnetometer surveying and geological mapping and sampling was carried out on the Cave Zone, the Kal Zone and the Francois Grid areas of the Dromedary Mountain Property located 240 kilometers north of Whitehorse, Yukon.

The property now consists of three separate blocks totalling 117 claims under option to Energold Minerals Inc. from G. C. Carlson.

Auger sampling, mapping and magnetometer surveys, in addition to a review of previous work on the property confirmed the existence of widespread sulphide mineralization on the property with associated highly anomalous metal contents in the rocks and overlying soil cover.

The magnetic profiles over the Cave and Francois Grid areas indicate a strong magnetic response which appears to reflect pyrrhotite along the stratigraphy over thicknesses of meters to tens of meters. At the Francois Grid area, the magnetic response is open to the west, several hundred meters beyond the limit of a gravity anomaly identified in prior surveys.

CONCLUSIONS

Although the property has been interpreted to be a sedex setting, strong thermal effects such as the development of hornfels and calcsilicate is everywhere present, suggesting that sulphides are either related to the contact metasomatic effects of intermittently exposed mid-Cretaceous granitoid intrusions or have been extensively remobilized. In either case there is strong evidence for a large sulphidized zone which had the potential to contain large orebodies.

RECOMMENDATIONS

Neither the Cave nor the Kal showing have been drilled. The strong geochemical response, evidence of sulphidization and lead-zinc mineralization as well as the magnetic response all attest to a large mineralized system which requires further testing by drilling.

Because the Cave showings lie in an area which is difficult of access, it is proposed that the initial drill testing of this system be at the Kal Zone which exposes lead-zinc mineralization in one to three zones, apparently stratigraphically controlled, over an interval in excess of 300 meters.

A program of 1,000 meters of drilling in 3 holes is recommended for the Kal Zone. The initial setup should be immediately above the Kal Trenches area and a hole drilled at -60 degrees to the south for a length of 300 meters. Additional holes should be drilled at 1-200 meter intervals to the east and west along strike to test the same horizon.

The western extension of the Francois Grid should be tested by drilling two additional 250 meter holes at roughly 2-300 meters intervals. Because the stratigraphy appears to be dipping moderately to the north and striking westerly, the holes should be drilled at -60 degrees to the south.

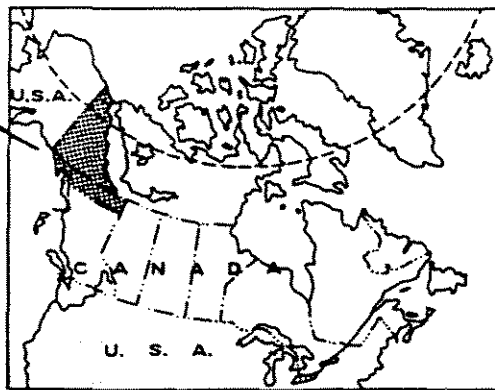
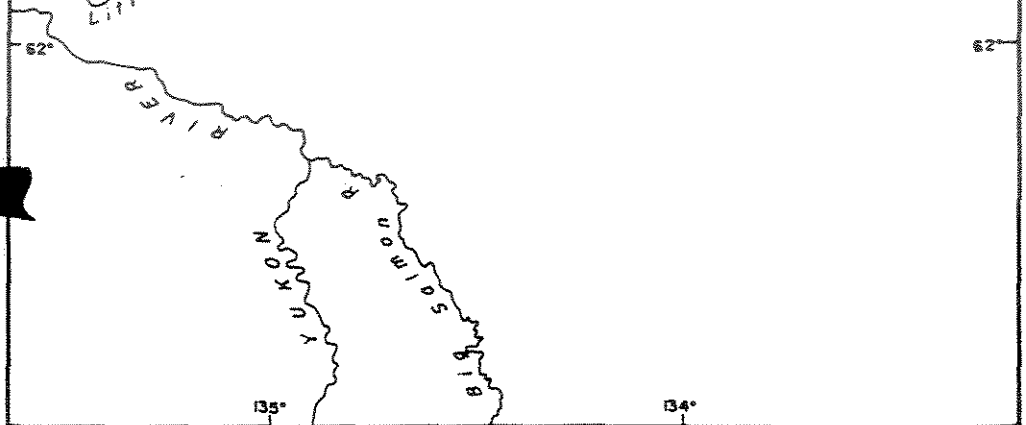
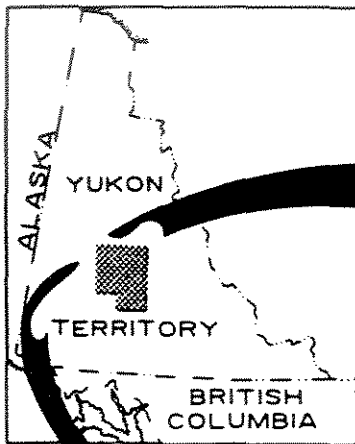
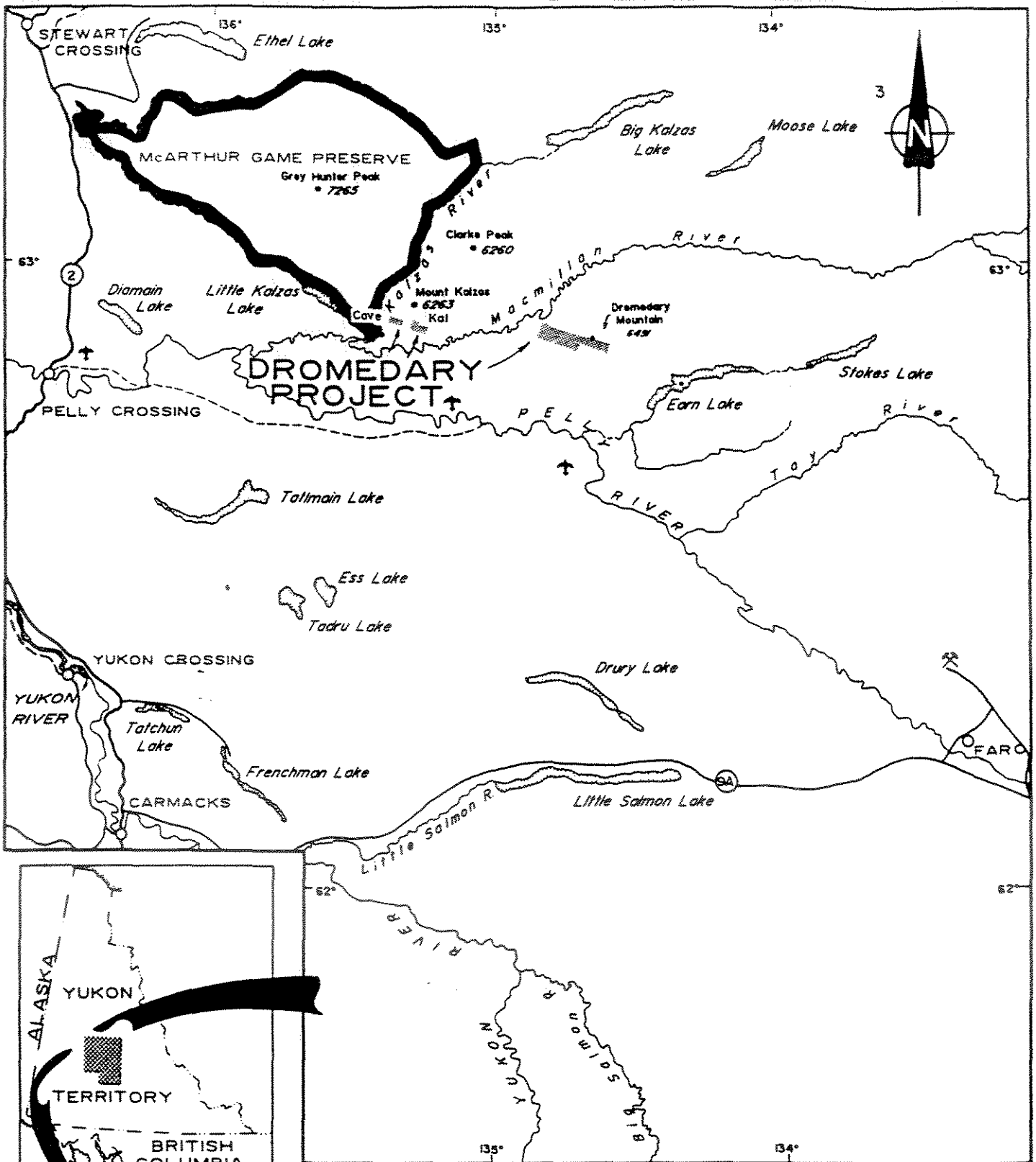
It is anticipated that such a program, with the requisite helicopter support, and linecutting, magnetometer and geochemical surveys, option payments due to Carlson and filing fees to keep the claims in good standing would cost about \$300,000.00.

INTRODUCTION

This report describes a work program carried out on the Dromedary Mountain Property during the period August 9th, to August 26th, 1993 by Energold Minerals Inc. under the terms of an earn-in option agreement with G. C. Carlson, owner of the property.

Work in the form of magnetic surveying, auger sampling and geologic mapping by a crew of 4 qualified individuals was completed from three separate fly-camps, one in each of the separate areas described in this report, using helicopter support from Carmacks.

Only the auger sampling and a proportionate amount of support costs in the amount of \$18,310.24 including helicopter time, out of a total program cost of in excess of \$50,000.00 is being applied as assessment work.



DROMEDARY EXPLORATION CO. LTD.
 DROMEDARY PROJECT
 MAYO MINING DISTRICT

LOCATION

LOCATION & ACCESS

The Dromedary Property is located about 240 kilometers north of Whitehorse in central Yukon (Figure 1) on the south facing slopes of Mt. Kalzas and Dromedary Mountain. Coordinates for the area are approximately 62 degrees 55 minutes North and 135 degrees West on NTS sheets 105 L/14,15, and 16. The MacMillan River divides the DMC claim blocks from the ACE-NORA claims to the east (Figure 3).

Access to the property is via helicopter from either Carmacks or Whitehorse or, alternately, from the Clear Lake airstrip about 20 kilometers to the south.

The topography on the DMC claim blocks is relatively rugged with steep side slopes which are deeply incised by creeks and characterized by numerous cliffs and a persistent cover of dense slide alder, birch, aspen and jackpine and spruce, making travel difficult with few helicopter landings.

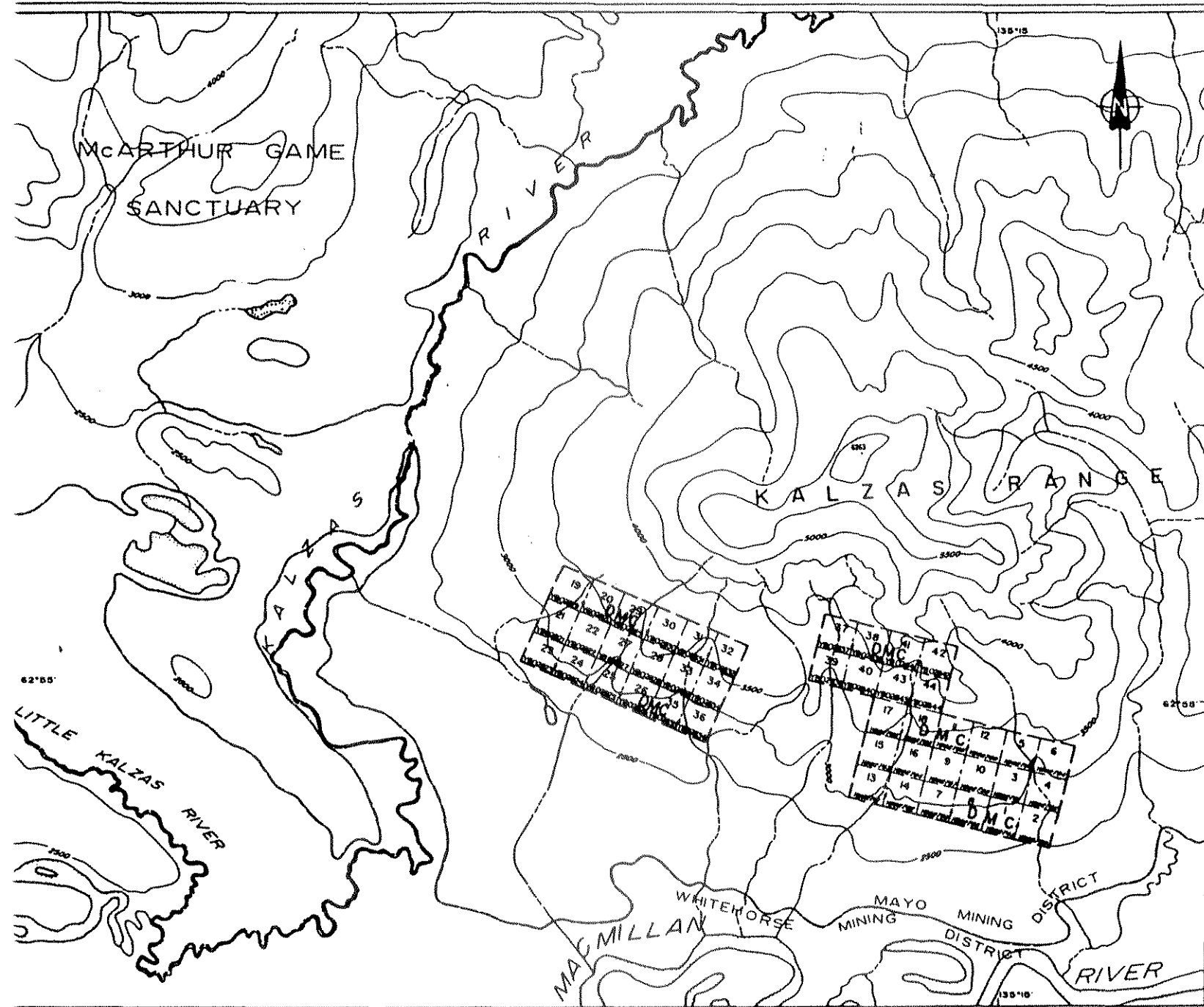
CLAIMS

Although the area was once covered by much larger claim blocks, the property now consists of three individual claim blocks - the DMC 1-18, DMC 19-36 and the ACE-NORA claim block of 117 claims. The claims are set out below with their current anniversary dates and record numbers.

CLAIM NAME	GRANT #	EXPIRY DATE
NORA 1-34	YB26763-YB26796	1 MAY 1996*
ACE 5	YA52059	1 MAY 1996
ACE 7-12	YA52061-YA52066	1 MAY 1996
ACE 23-28	YA53077-YA52082	1 MAY 1996
ACE 39-44	YA52093-YA52098	1 MAY 1996
ACE 55-60	YA52109-YA52114	1 MAY 1996
ACE 69-76	YA51442-YA51449	1 MAY 1996
ACE 85	YA51458	1 MAY 1996
ACE 87	YA51460	1 MAY 1996
ACE 89-92	YA51462-YA51465	1 MAY 1996
ACE 105-108	YA52127-YA52130	1 MAY 1996
ACE 121-124	YA52143-YA52146	1 MAY 1995**
ACE 137-140	YA52159-YA52162	1 MAY 1995**
ACE 153-156	YA52175-YA52178	1 MAY 1995**
ACE 169-172	YA52191-YA52194	1 MAY 1995**
ACE 277-284	YA52335-YA52342	1 MAY 1996
ACE 293-300	YA52351-YA52358	1 MAY 1996
ACE 309-316	YA52367-YA52374	1 MAY 1996
DMC 1-18	YB02749-YB02766	6 SEP 1996*
DMC 19-36	YB02819-YB02836	26 SEP 1996*

* pending acceptance of work filed

** payment in lieu of work



LEGEND

- claim boundary
- claim number
- tag number
- staking direction
- creek
- elevation contour, interval 500 ft.

Note: adapted from D.I.A.N.D. map sheet 105 L/14, revised 14 Sept. 1988



DROMEDARY EXPLORATION CO. LTD.
DROMEDARY PROJECT
MAYO MINING DISTRICT

CLAIM MAP
DMC



CLAIM STATUS AS OF NOVEMBER 1993

CLAIM NAME GRANT # EXPIRY DATE*

Ace 7-12	YA52061-066
Ace 23-28	YA52077-082
Ace 39-44	YA52093-098
Ace 55-60	YA52109-114
Ace 70-76	YA51443-449
Ace 85-87	YA51458,460
Ace 89-92	YA51462-464
Ace 105-108	YA52127-130
Ace 121-124	YA52143-146
Ace 137-140	YA52159-162
Ace 153-156	YA52175-178
Ace 169-172	YA52191-194
Ace 277-284	YA52335-141
Ace 293-300	YA52352-358
Ace 309-316	YA52367-374
Nora 1-34	YB26763-796

DROMEDARY EXPLORATION COMPANY		
CLAIM MAP		
Ace & Nora Claims		
Scale: 1:31,680	M.D.: Whitehorse	Figure: 2a
Date: Nov., 1993	N.T.S.: 105 L/15	

*Subject to approval of 1993 assessment work.

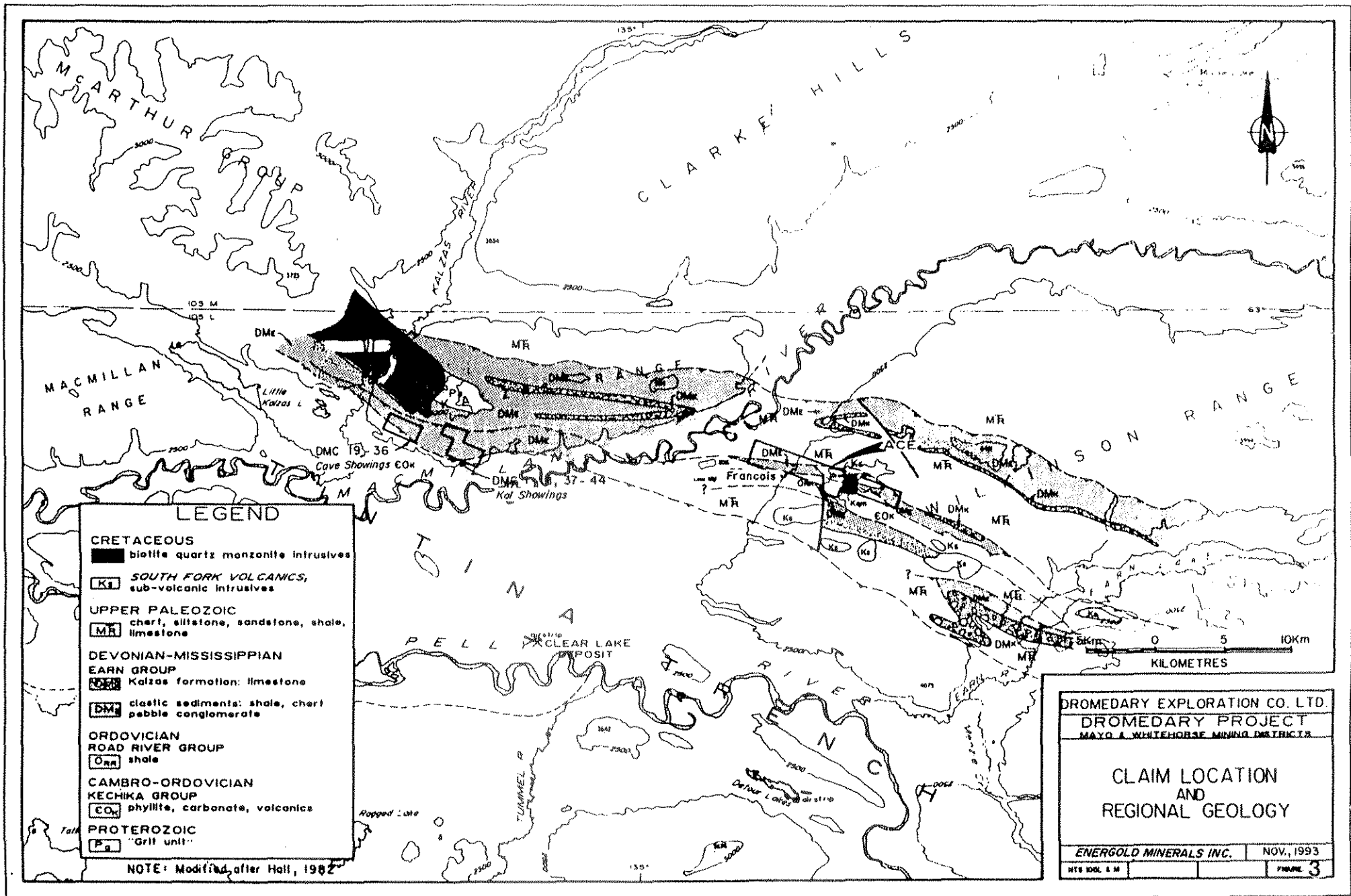
EXPLORATION HISTORY

In 1980 Anaconda Exploration Ltd. carried out a regional reconnaissance program in the area in search of sedex deposits in the Earn Group rocks. They staked a large block of claims including the present ones and carried out airborne magnetometer/EM surveys, linecutting, ground magnetometer, gravity and EM surveys, soil sampling, mapping and 1900 meters of diamond drilling from 1981 to 1983.

Fleck Resources Ltd. acquired the property in 1985 and optioned it to Dromedary Exploration Company in 1988. Dromedary carried out further mapping, soil sampling, magnetometer surveying, trenching and drilled two holes on the Francois Grid in 1990 (ACE and NORA claims).

G. Carlson, a principal in Dromedary, took over the option from Fleck Resources and in turn optioned the property to Energold Minerals Inc. in 1993.

Energold Minerals Inc., in August of 1993, after reviewing the data from previous work, carried out detailed examinations of the Cave, Kal and Francois grid areas, including a program of auger sampling, mapping and magnetometer surveys between the existing lines and over the showings to outline targets for future drilling.



LEGEND

- CRETACEOUS**
- biotite quartz monzonite intrusives
- Ks SOUTH FORK VOLCANICS, sub-volcanic intrusives
- UPPER PALEOZOIC**
- MR chert, siltstone, sandstone, shale, limestone
- DEVONIAN-MISSISSIPPIAN**
- EARN GROUP**
- COk Kalzas formation: limestone
- DMk clastic sediments: shale, chert pebble conglomerate
- ORDOVICIAN**
- ROAD RIVER GROUP**
- ORn shale
- CAMBRO-ORDOVICIAN**
- KECHIKA GROUP**
- COk phyllite, carbonate, volcanics
- PROTEROZOIC**
- Pn "grit unit"

NOTE: Modified after Hall, 1982

DROMEDARY EXPLORATION CO. LTD.
 DROMEDARY PROJECT
 MAYO & WHITEHORSE MINING DISTRICTS

**CLAIM LOCATION
 AND
 REGIONAL GEOLOGY**

ENERGOLD MINERALS INC. NOV, 1993
 NTS DML 4 M PAGE 3

TABLE 1. Table of Formations for Dromedary Project.

Age*	Formation	Event/Lithology
U. Cretaceous	Coast Plutonic Complex	Porphyritic K-feldspar biotite quartz monzonite.
U. Cretaceous	South Fork Volcanics	Hypabyssal equivalents of intermediate volcanics.
Triassic	Unnamed	Interbedded siltstone and black silty shale, locally fossiliferous, calcareous and/or graphitic.
U. Miss'pian	Earn Group	Orange weathering, medium bedded chert, siltstone, and silty shale.
L. Miss'pian	Earn Group Kalzas Form'n	Grey weathering, thick bedded, fetid, fossiliferous limestone and calcareous siltstone-shale.
L. Miss'pian to M. Devonian	Earn Group Crystal Peak Formation	Grey weathering chert pebble conglomerate, lithic sandstone, interbedded siltstone and silty shale toward base.
L. Miss'pian to M. Devonian	Earn Group	Grey weathering phyllite, shale, calcareous siltstone and minor chert pebble mudstone and conglomerate.
	Unconformity	
Devonian to M. Ordovician	Road River Gp.	Black graphitic and graptolitic shale.
Ordovician to Cambrian	Kechika Group	Calcareous phyllite, marble, and minor metamorphosed intermediate to mafic volcanics.
	Unconformity	
Cambrian to Proterozoic	Grit Unit	Thin to medium interbedded silty limestone-marble and sandstone-quartzite, calc-silicate to siliceous hornfels, quartzite and minor grit.

* Modified after Hall 1982, and Campbell 1967.

GEOLOGY & MINERALIZATION

The following description of the regional and general property geology is excerpted from various references listed at the back of the report.

The region in which the Dromedary Mountain property is located comprises two major tectonic elements - the Cassiar Platform and the Selwyn Basin - separated by the Tintina Trench. The Selwyn Basin comprises mainly deepsea clastic sedimentary rocks and hosts several sedimentary exhalative massive sulphide deposits in Devono-Mississippian Earn Group rocks or their equivalents. The Clear Lake deposit which lies about 20 kilometers to the south is the closest known example.

The sequence (Table 1) has been complicated by a series of northwest striking south dipping imbricate thrusts which have moved older rocks over younger and/or caused repetitions in the section. Large scale open folding with shallow dipping fold axes, younger than the thrust sheets, trends northwest. It has been extensively cross-faulted and is characterized by tighter folding near intrusive bodies.

" The project area is underlain mainly by strata of the Devono-Mississippian Earn Group, representing mainly proximal facies of turbidite fan complexes deposited in marine troughs, preserved in three northwest-trending parallel linear belts, referred to by Hall (1982) as Earn Mountain, Crystal Peak and Dromedary Mountain belts."

The sequence is intruded by a series of northwest elongated Mid-Cretaceous granitoid stocks which have extensively thermally altered the sedimentary sequence into hornfels, calcsilicate rocks and locally massive sulphide skarns.

The Selwyn Basin hosts stratiform zinc-lead-silver deposits over a wide stratigraphic interval. All are associated with clastic sediments without a major volcanic component, have barite associated with them as an immediate or distal component, and occur at or near contemporaneous faults.

"Three zones of silver-lead-zinc mineralization have been identified to date on the Dromedary Project: (1) Dromedary Mountain, (2) Kal Zone, and (3) Cave Zone. All three of the zones appear to be hosted within the same northwest-trending northeast-dipping stratigraphic horizon of Earn Group."

The Dromedary Mountain area which was most extensively explored by Anaconda has strong a strong thermal imprint.

Mineralization is mainly in the form of massive to disseminated pyrrhotite with silver, zinc, lead, copper values as well as locally anomalous tungsten values. It is almost invariably in either strongly silicified hornfels or more commonly calcsilicate rocks. A lens of massive pyrrhotite up to 50 meters thick and in excess of 800 meters long on the eastern end of the property is barren of economic metals.

Cave Zone

The Cave Zone (Figure 4) lies in a deeply incised creek which exposes hornfelsed argillites and siltstones with fracture controlled pyrrhotite and pyrite as well as numerous bleached knots which contain abundant iron sulphides. Best chip samples returned 18%Zn, .6%Pb and 12.8g/T Ag over 35 cm. Below the showings the creek is covered by a thick zone of ferricrete which is not anomalous in metals.

Kal Zone

The Kal Zone (Figure 5) consists of pyrrhotite, pyrite and disseminated and veinlet galena, sphalerite and barite in turbidites. The best mineralization is found in veinlet form and is relatively coarse-grained. Best assays returned by systematic sampling returned about 6%Pb, 4%Zn and 93g/T Ag.

Francois Grid

On the Francois grid (Figure 6) there is almost no outcrop but VLF EM, gravity and magnetic surveys carried out in 1982-3 (Scott, 1983) show a good co-incidence of anomalies. The latter were tested by drilling in 1990. Both holes intersected sub-economic disseminated and near-massive to massive sulphides over sufficient widths to explain the anomalies.

AUGER SAMPLING & GEOCHEMICAL RESULTS

Because auger assisted sampling at the Clear Lake deposit (1990) and on the Francois grid (1981-2) produced anomalous results above and down ice of known mineralization in areas in which soil sampling at 25-30 cm. depths did not, a program of auger sampling was undertaken on the Cave, Kal and Francois grid areas to better define potential targets for drill testing.

A hand held auger with an extension was used to collect the samples. With an extension, the maximum penetration with the auger was 2 meters. In many cases, the maximum depth was not attained because the auger could not penetrate permafrost, cobbly till or coarse gravel outwash. In swampy areas the humic layer extends beyond the 2 meter penetration capability of the auger.

Auger samples were collected at roughly 25 meter intervals along selected lines (Figures 4,5,6). At a given site several attempts to achieve maximum penetration were made and the best one taken as representative of the site.

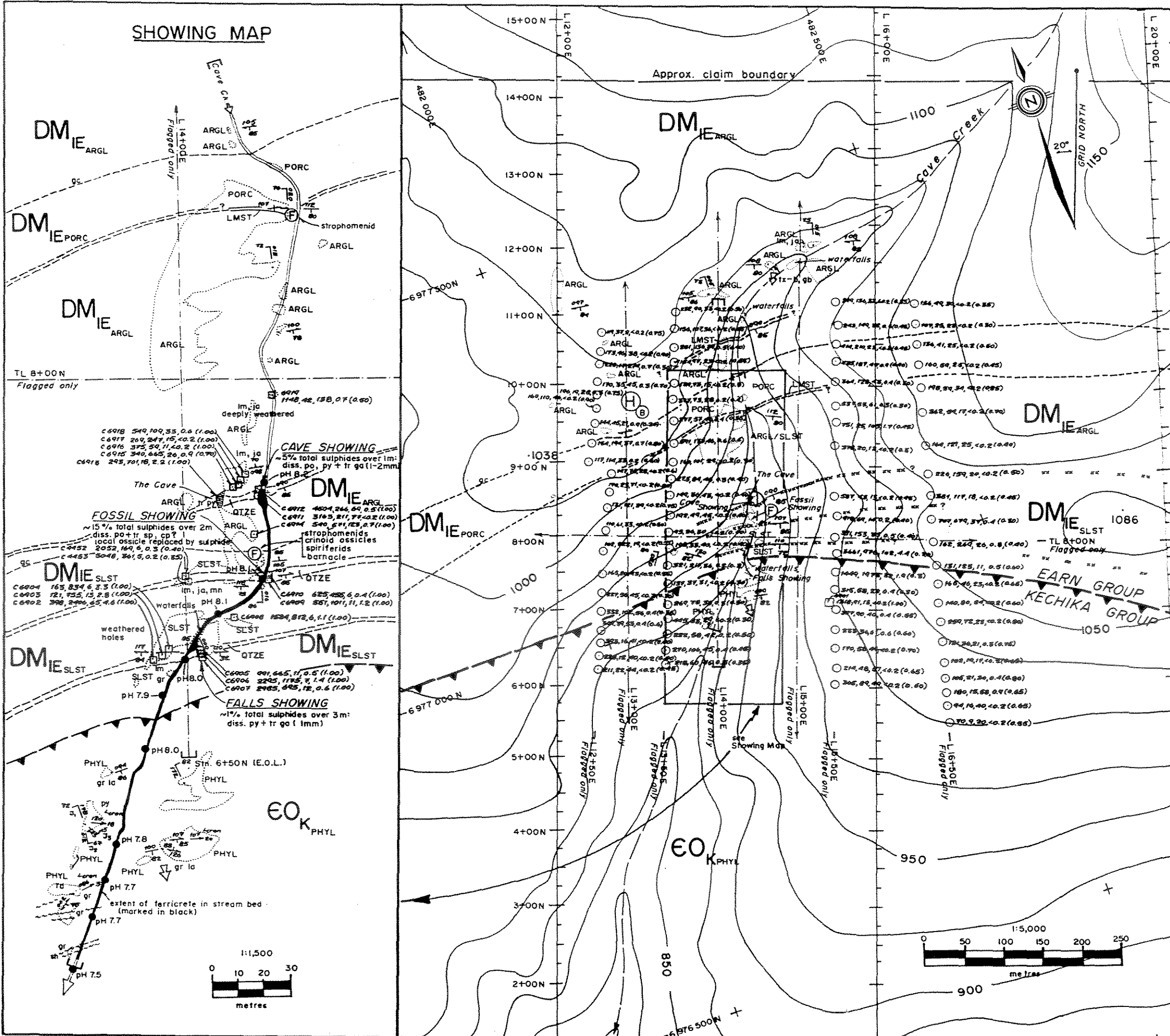
The soil sample was taken from the screw of the auger and placed in a brown kraft wet-strength paper bag on which the line and station location were noted. The samples were then shipped to Bondar-Clegg Labs in North Vancouver, B. C. and subjected to routine geochemical analysis for Ag, Cu, Pb and Zn (Hg for the Francois grid).

Although they are probably not directly comparable, because of the low number of samples, the threshold values for Ag, Pb, Cu and Zn (Hg for the Francois grid) are those derived statistically for the Clear Lake area as set out below:

Element (ppm)	Possibly Anomalous	Probably Anomalous	Highly Anomalous
Ag	0.5-0.8	0.8-1.1	>1.1
Cu	40-60	60-70	>70
Pb	30-50	50-80	>80
Zn	120-150	150-240	>240
Hg	0.130-0.230	0.230-0.670	>0.670

A tabulation of analytical methodology and analytical results is found in Appendix A as are field notes which give the sampling depth for each sample.

SHOWING MAP



LEGEND

- DEVONIAN-MISSISSIPPIAN
EARN GROUP (Lower)
- DM IE SLST SILTSTONE
 - DM IE QTZE QUARTZITE
 - DM IE LMST LIMESTONE
 - DM IE PORC PORCELLANITE
 - DM IE ARGL ARGILLITE
- truss fault
- CAMBRIAN-ORDOVICIAN
KECHIKA GROUP
- EO K PHYL PHYLITE
- modified after R. Hall, 1982

SYMBOLS

- limit of outcrop exposure
 - geologic contact (defined, approx.)
 - thrust fault (teeth on down dip side)
 - fault
 - mineralized horizon (quartzite-siliceous siltstone + sulphides)
 - bedding, cleavage, joint, lineation (L_{cren} = crenulation lineation)
 - stratigraphic tops
 - fossil locality
 - hand cut line with pickets (Anaconda 1982)
 - flagged line (Aurum 1989)
 - auger soil sample along flagged lines (E.M.I. 1993); results listed as: Zn ppm, Pb ppm, Cu ppm, Ag ppm (depth of sample in metres in brackets)
 - channel rock chip sample; results listed as: sample number, Zn ppm, Pb ppm, Cu ppm, Ag ppm (width in metres in brackets)
 - pH measurement
 - extent of magnetometer survey (EDA Omni IV)
 - base magnetometer station (EDA Omni IV)
 - helicopter pad & campsite (1993)
- | | | |
|-----------------|--------------------|-------------------------------|
| ga galena | ja jarosite | la laminated |
| sp sphalerite | im limonite | ix-b tangential cross bedding |
| po pyrrhotite | gr graphite | gb graded bedding |
| py pyrite | mn manganese oxide | rd rodding |
| cp chalcopyrite | | sh sheared |
| | | gc gradational contact |

ENERGOLD MINERALS INC.

DROMEDARY MTN. PROJECT

CAVE AREA

SHOWING & COMPILATION MAPS

SCALE: 1:5,000	M.D.: Mayo, Y.T.	DRAWN BY: R. Zuran
DATE: Nov., 1993	N.T.S.: I05 L14	FIGURE: 4

Cave Zone

82 auger samples were collected on lines 12+50E, 13+50E, 15+50E and 16+50E between 600N and 1100N.

Sample depths ranged from .2 to .9 meters. Samples were taken on the steep side slopes of the creek which contains the Cave showing (Figure 4). Several of the samples were taken very close to or from the rubble overlying bedrock.

Because of the steep slopes, downslope dispersion is likely for almost all samples, possibly even for some on bedrock rubble. The development of an extensive ferricrete horizon below and on top of the showings was noted during this investigation and by previous workers. The ferricrete is up to 3-4 meters thick and consists of till boulders and angular fragments set in a matrix of carbonate and iron oxides. A strong rusty discoloration downstream of the showings does not contain anomalous amounts of metals (1990).

A review of the sample data reveals that only a few scattered samples are anomalous in silver and copper whereas both lead and zinc show strongly anomalous trends. The highest values in all cases seem to correspond with on strike extensions to the east and west of the Cave showings. In general, the lines closer to the creek bottom - 13+50E and 15+50E - are more strongly anomalous than the lines higher up the hill, possibly indicating down hill dispersion of glacially derived materials or deeper overburden.

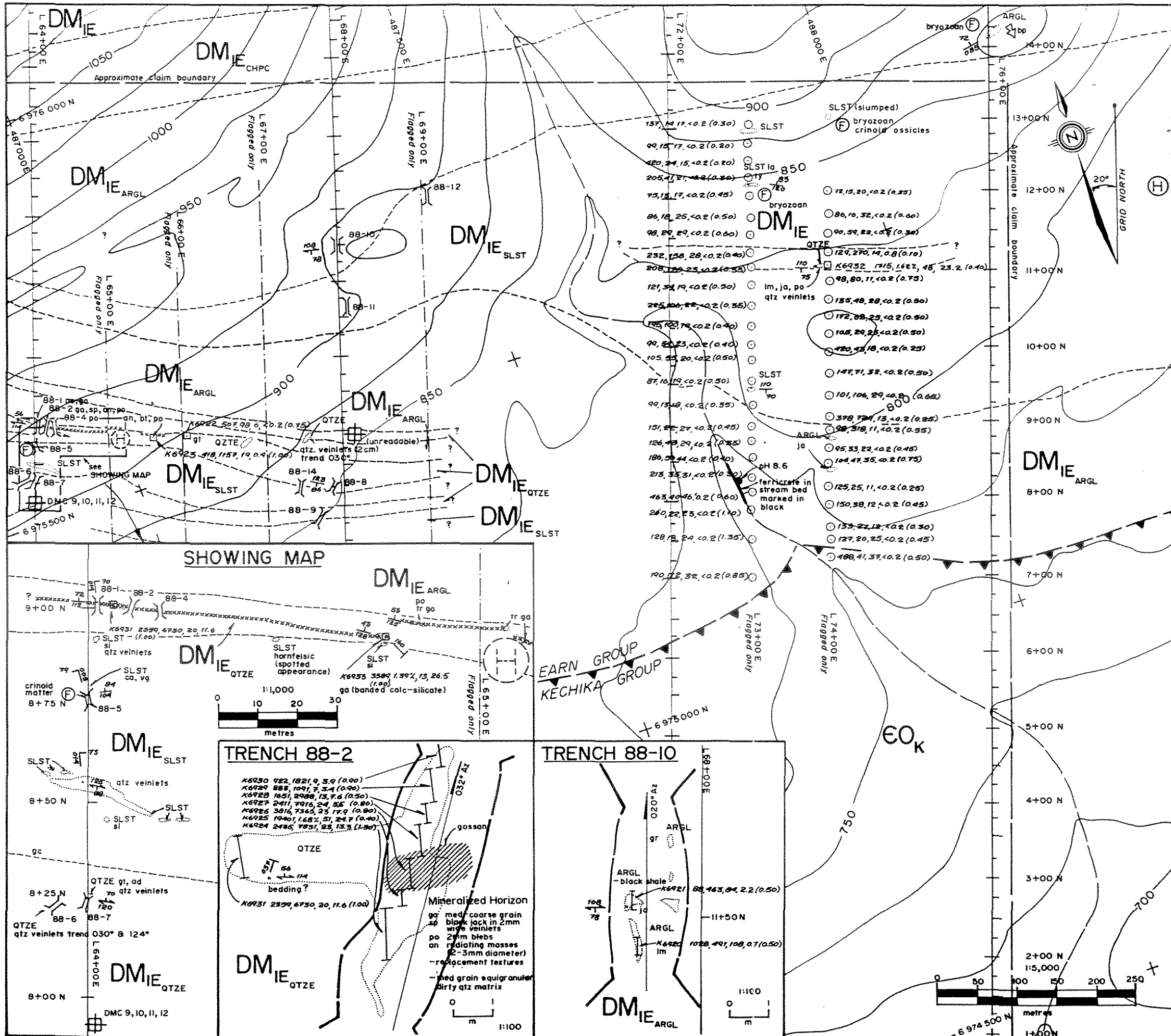
Although the surface mineralization which outcrops in the creek is not ore grade, the soils indicate a strong trend parallel to stratigraphy which warrants further exploration.

Kal Zone

44 auger samples were collected on lines 73+00E and 74+00E between 7+00N and 13+00N over the Kal Zone. The sample lines are located to the east of several mineralized trenches. They cover a south facing slope with local topographic highs which appear to be the result of E-W structures.

Sampling depths varies from 1.35 to .1m with many of the samples at .5m or less because much of the material sampled was near bedrock or composed of talus fines taken from talus which may have dispersed only a limited distance downslope (Figure 5).

The sampling revealed no samples anomalous in silver and only two which were above threshold in copper.



LEGEND

DEVONIAN-MISSISSIPPIAN
EARN GROUP (Lower)

DM ^{IE} CHPC	CRYSTAL PEAK FORMATION CHERT PEBBLE CONGLOMERATE
DM ^{IE} SLST	SILTSTONE
DM ^{IE} QTZE	QUARTZITE
DM ^{IE} ARGL	ARGILLITE

thrust fault
CAMBRIAN-ORDOVICIAN
KECHIKA GROUP

EO _K	PHYLLITE, CARBONATE, VOLCANICS
-----------------	--------------------------------

modified after Hall, 1982

SYMBOLS

	limit of outcrop exposure
	geologic contact (defined, approx.)
	thrust fault (teeth on down dip side)
	mineralized horizon
	bedding, cleavage, joint, lineation
	stratigraphic tops
	fossil locality
	hand cut line with pickets (Anaconda 1982)
	flagged line (Aurum 1988)
	auger soil sample along flagged lines (E.M.I., 1993); results listed as: Zn ppm, Pb ppm, Cu ppm, Ag ppm (depth of sample in metres in brackets)
	channel rock chip sample; results listed as: sample number, Zn ppm, Pb ppm (or in %), Cu ppm, Ag ppm (width in metres in brackets)
	pH measurement
	helicopter pad B compsite (1993), helicopter pad (1988)
	claim post
	trench (1988)

ga	galena	lm	limonite	bp	ball & pillow structure
sp	sphalerite	ja	jarosite	vg	vuggy
po	pyrrhotite	gr	graphitic		
		ca	calcareous		
		si	siliceous		
		an	anthophyllite		
		gt	garnet		
		ad	andalusite		

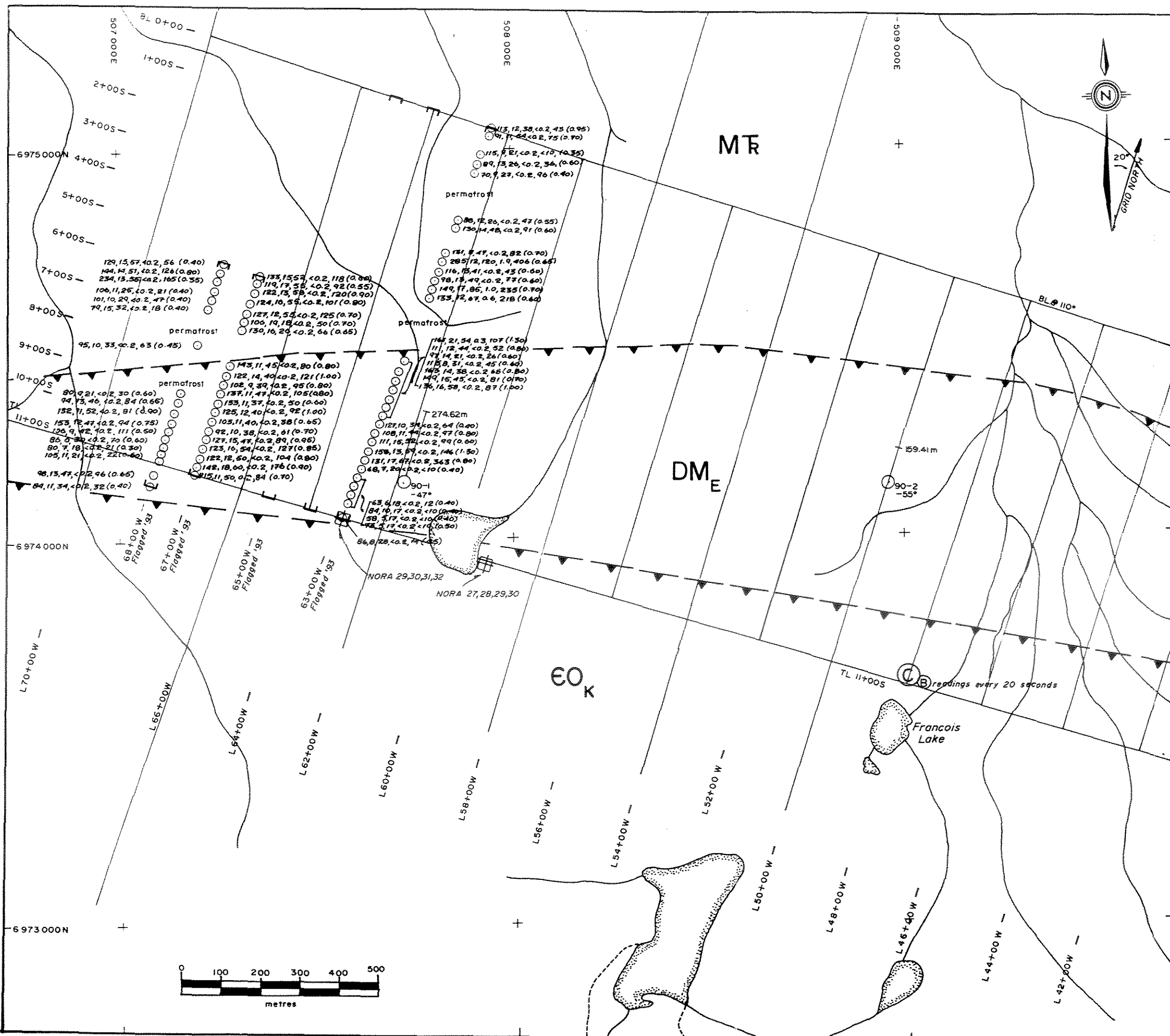
ENERGOLD MINERALS INC.

DROMEDARY MTN. PROJECT

KAL AREA

SHOWING, TRENCHES & COMPILATION MAPS

SCALE: 1:5,000	M.D. Moyo, Y.T.	DRAWN BY: R. Zuran
DATE: Nov, 1993	N.T.S. 105 L 14	FIGURE: 5



LEGEND

CRETACEOUS

- K_{qm}** biotite quartz monzonite intrusives
- K_{SF}** SOUTH FORK VOLCANICS
sub-volcanic intrusives

UPPER PALEOZOIC

- MT** chert, siltstone, sandstone, shale, limestone

DEVONIAN - MISSISSIPPIAN EARN GROUP

- DM_E** clastic sediments; shale, chert, pebble conglomerate
- DM_K** KALZAS FORMATION
limestone

ORDOVICIAN ROAD RIVER GROUP

- O_{RR}** shale

CAMBRIAN - ORDOVICIAN KECHIKA GROUP

- EO_K** phyllite, carbonate, volcanics

PROTEROZOIC

- P_G** "Grit unit"

modified after R. Hall 1982

SYMBOLS

- thrust fault
- diamond drill hole; collar dip and length of hole shown.
- claim post
- campsite
- base magnetometer station (EDA Omni IV)
- extent of field magnetometer survey (EDA Omni IV)
- auger soil sample; results listed as:
Zn ppm, Pb ppm, Cu ppm, Ag ppm, Hg ppb
(depth of sample in metres in brackets)

ENERGOLD MINERALS INC.

DROMEDARY MTN. PROJECT

FRANCOIS GRID

COMPILATION MAP

SCALE: 1:10,000	M.D.: Whitehorse, Y.T.	DRAWN BY: R. Zuran
DATE: Nov, 1993	N.T.S.: 105 L15	FIGURE: 6

Prominent, several sample lead anomalies were outlined on line 73+00E from 10+25N to 11+25N and on line 74+00E from 8+75N to 9+25N as well as one at 74+00E, 11+25N. Zinc values are broadly co-variant with lead but not as pronounced. Line 73+00E, 7+75N to 8+00N has relatively higher zinc than lead values. All the samples were taken directly over subcrop or close to outcrop.

The anomalies suggest that the mineralization exposed in trenches 88-1 to 8 and in 88-10 extends at least 700 meters to the east.

The trenched area is strongly hornfelsed and the mineralization is in fractures, disseminations and veinlets and at least partly remobilized and/or due to the metasomatic effects of the intrusion to the north. The location is more readily tested by drilling because of the more favourable topography and presents a good target with the potential for a large mineralized zone.

Francois Grid

70 auger samples were collected from the Francois grid on lines 63+00W, 67+00W and 68+00W from 0+00BL to 11+50S. The area sampled covers a gently rolling heavily drift covered terrain with several swampy streams draining to the northwest. Previous work had outlined a combined gravity-magnetic anomaly which was tested with a single drill hole on line 62+00W and remains open to the west.

Sampling depths ranged from .4 to 1.3 meters with an average depth of about .6-.8 meters. At several locations the development of a deep humic horizon in swampy terrain or permafrost on humic north facing slopes prevented the taking of a sample at the desired depth.

There are no anomalous values in lead and only a few probably to highly anomalous ones in copper, silver, zinc and mercury. High values in silver, copper, zinc and mercury are found at 63+00W, 3+75S; at 4+50S with lower anomalies in copper, zinc and Mercury at 63+00W, 9+00S to 9+25S Figure 6).

The lower metal contents of the samples suggests a different population for the Francois grid, probably due to the different terrain and the depth of till cover. In general the results are similar to those found on the Clear Lake property in areas of interrupted drainage and extensive deep overburden.

The survey does not cover an adequate area to allow definite conclusions to be drawn but it appears that sampling to the depths undertaken in this survey does not markedly enhance geochemical definition.

MAGNETOMETER SURVEY

In order to better delineate the magnetic expression of zones of massive sulphide mineralization, a magnetometer survey was undertaken on selected lines in the Cave and Francois Grid areas, using a Scintrex Omni Mark IV magnetometer and base station with an overall reading precision of +/- 1 gammas.

The data from the traverses was to be recombined with the diurnal variations recorded by the base station using the appropriate computer program after the start time of both units had been synchronized at the beginning of each days traversing.

In the course of the work it was determined that the base station voltage was insufficient to yield good results, so the method used was to close the traverses on a regular basis. It was found that the initial readings and final ones were within a few gammas in all cases.

Appendix B gives field station readings which are plotted in section form in Figures 7 and 8.

Cave Zone

Line 14+00E and a line which ran down the creek across the Cave showings were surveyed at 25 meter intervals using the method described above. Because the lines are on the flanks of a steep creek valley deeply incised into the source bedrock, some lateral effect should be anticipated in interpretation of the data.

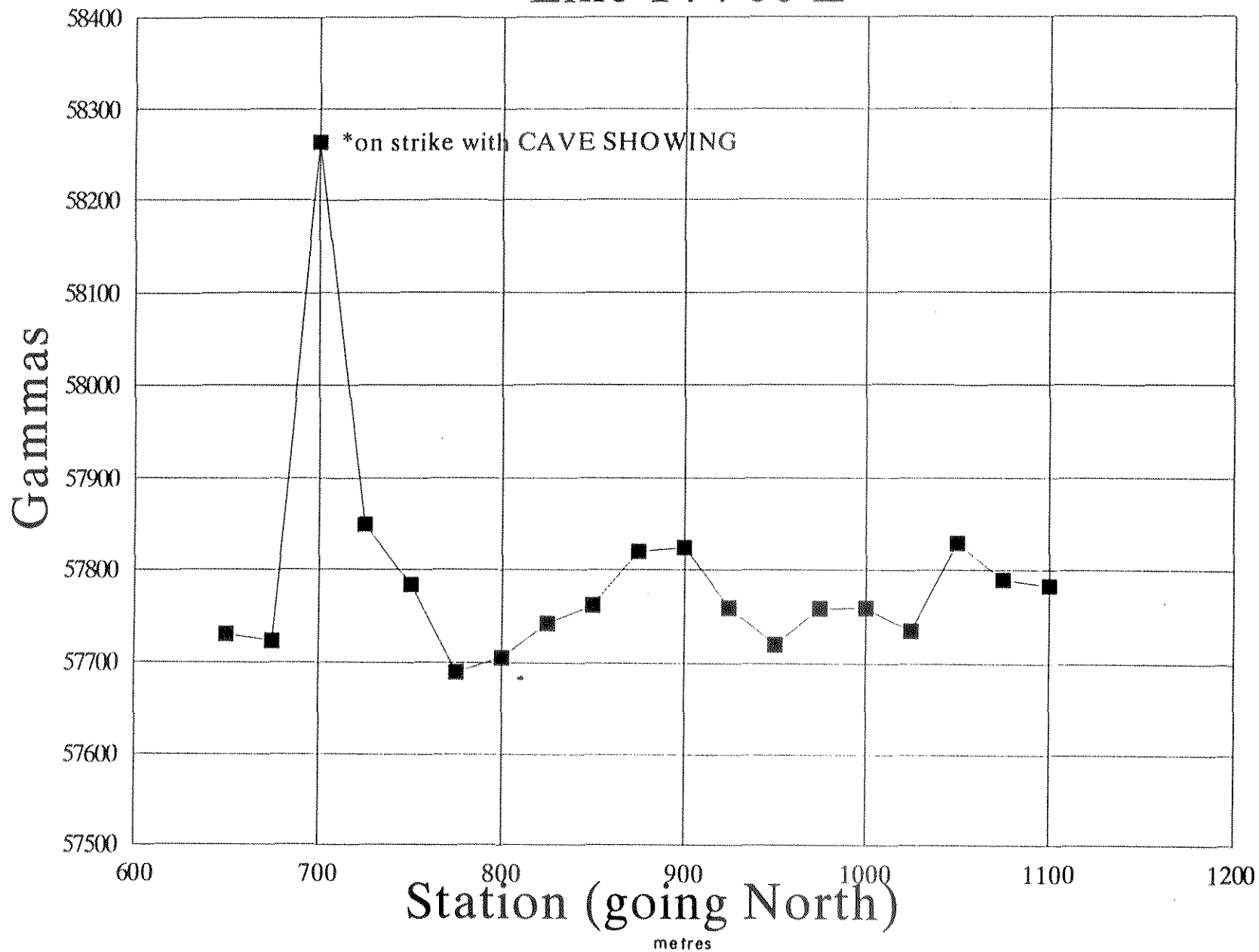
Using a datum base of 57,700 gammas, line 14+00E has three highs, one at 700N, a second at 900N and one at 1050N. The 700N high is the strongest with a 500 gamma contrast whereas the others are only 60 and 80 gammas above the local magnetics, respectively. The peak at 700N corresponds with a strong geochemical anomaly at 675N; the anomaly at 900N is on the westward trend of the sulphidized hornfels exposed in the creek at the Cave showing as does the 1050N anomaly.

The line run in the creek (Figure 7a) from 0 to 380 meters with readings at 10 meter intervals has lower overall readings but also displays three peaks at roughly similar spacing. A peak at 104N has a strong contrast of 450 gammas between adjacent readings and is quite sharp. A similar peak with a 270 gamma contrast occurs at 200N and another, less pronounced and more broad 110 gamma peak at 360N.

The magnetic profiles in the Cave area suggest the presence of three units with greater than normal magnetic susceptibility, reflecting the increased pyrrhotite content

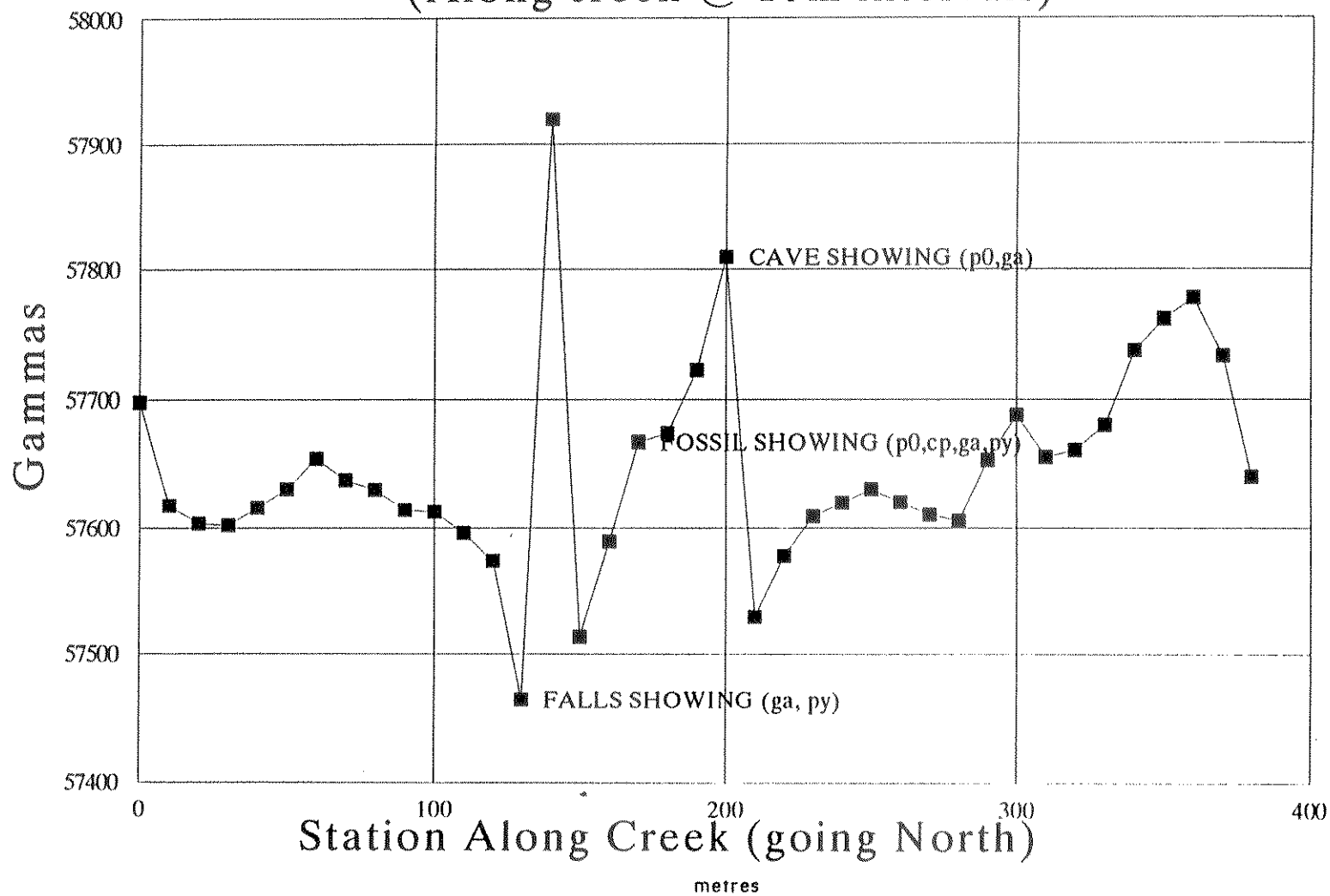
7 CAVE MAGNETICS

Line 14+00 E



7a CAVE CREEK MAGNETICS

(Along creek @ 10m intervals)



of certain stratigraphic units. Because they occur in an area and are at least partially coincident with visible sulphide mineralization, magnetometer surveys would be an effective means of defining drill targets in the Cave showing area.

Francois Grid

Lines 63+00W, 64+00W, 65+00W, 67+00W and 68+00W were surveyed on the Francois Grid to delineate the possible extension to the west of a magnetic/gravity anomaly drilled in 1990 (Figures 8,8a-d).

Line 63+00W displays a two relatively high contrast broad shouldered peaks, using a datum level of 57800 gammas. The first peak at 8+75S rises gradually from a 400 gamma background to a high of 1137 gammas and then drops off to 650 gammas a second 1600 gamma peak occurs at 7+00S with a low of -120 gammas at 6+25S. The remainder of the line remains relatively flat in the 150 gamma range.

Line 64+00W remains relatively flat in the 100 gamma range (datum of 57,800), falls off to -30 gammas at 6+50S, and rises sharply to 277 gammas at 7+00S, reaching a high of 867 gammas at 8+75S.

Line 65+00W displays similar readings at 130-160 gamma range between 0+00S and 3+75S, falls to a low of 34 gammas at 5+75S and starts to rise steadily the 500 gamma range with a slight falloff to 350 gammas at the end of the line at 11+00S.

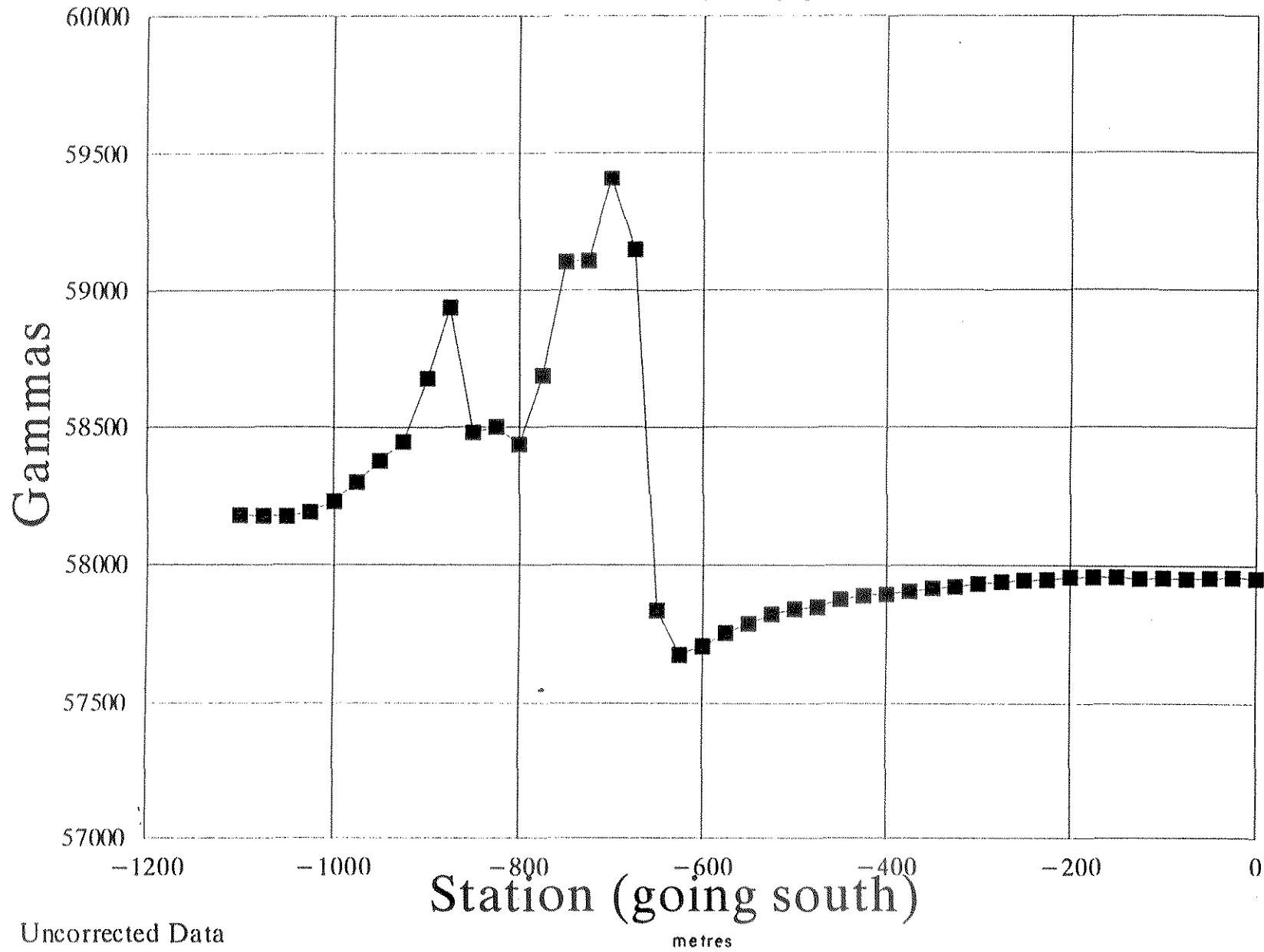
Line 67+00W has a low of 22 gammas at 7+00W with a sharp rise to a 628 gamma high at 7+75W and a drop to the 300-450 gamma range for the rest of the line .

Line 68+00W from 5+50S to 7+50 S has a gradual decline to -11 gamma low and then a sharp rise to a 765 gamma high at 8+25S. A second peak value of 1,277 gammas occurs at 11+00S.

In all of the lines surveyed on the Francois Grid, two magnetically distinct units are evident - a lower magnetic susceptibility one with values in the order of 80-150 gammas above the 57800 gamma datum and a higher with values in the range of 300-500 gammas. The contact is characterized by a low which is probably the shadow effect of the higher values to the south. Sharp peaks or more gradual ones within the higher susceptibility unit appear to reflect local concentrations of pyrrhotite and thus may be of potentially economic significance. As the survey indicates, the pattern continues to the west and the anomaly remains open in that direction.

8 FRANCOIS GRID

Line 63+00W

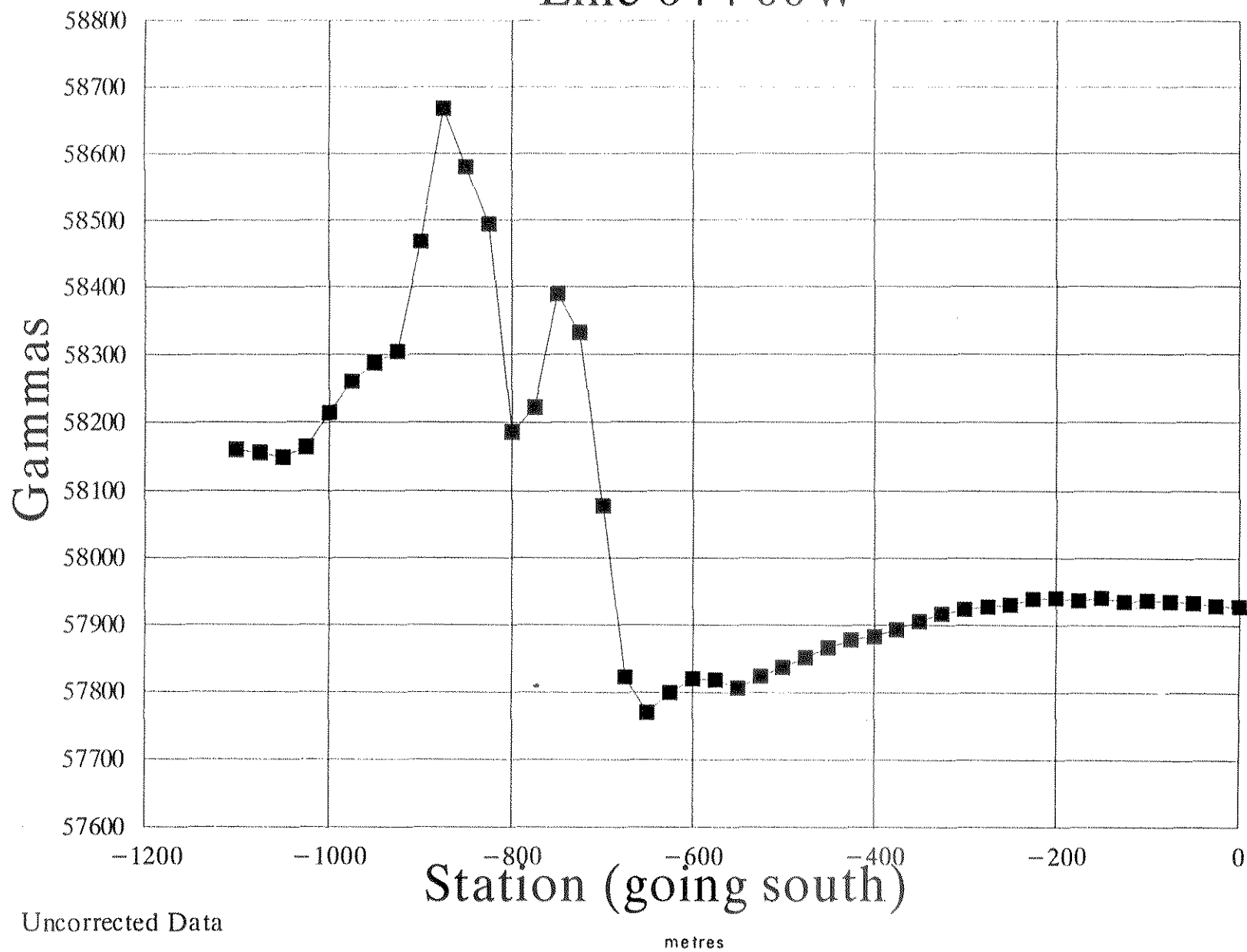


Uncorrected Data

metres

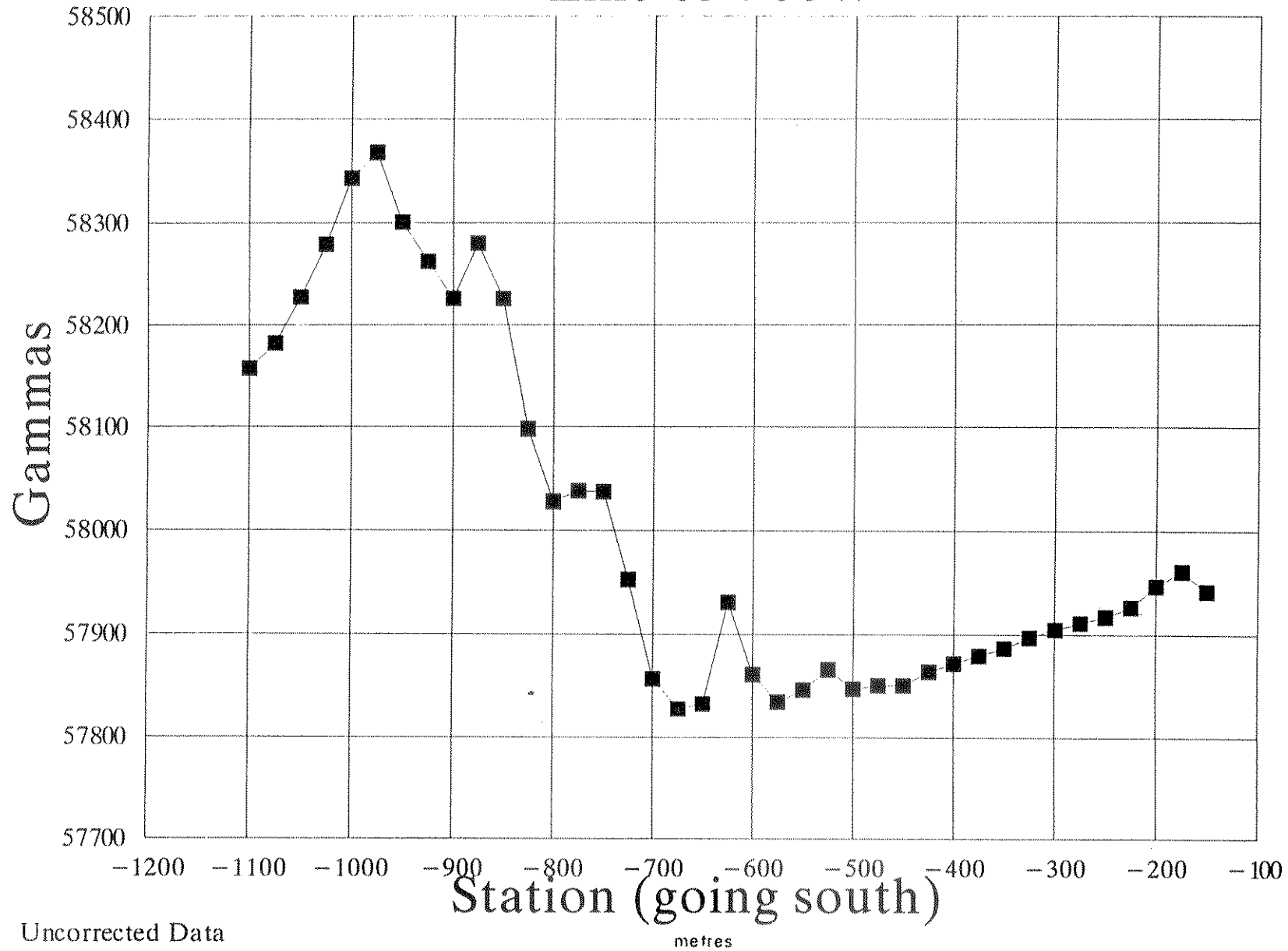
8a FRANCOIS GRID

Line 64+00W



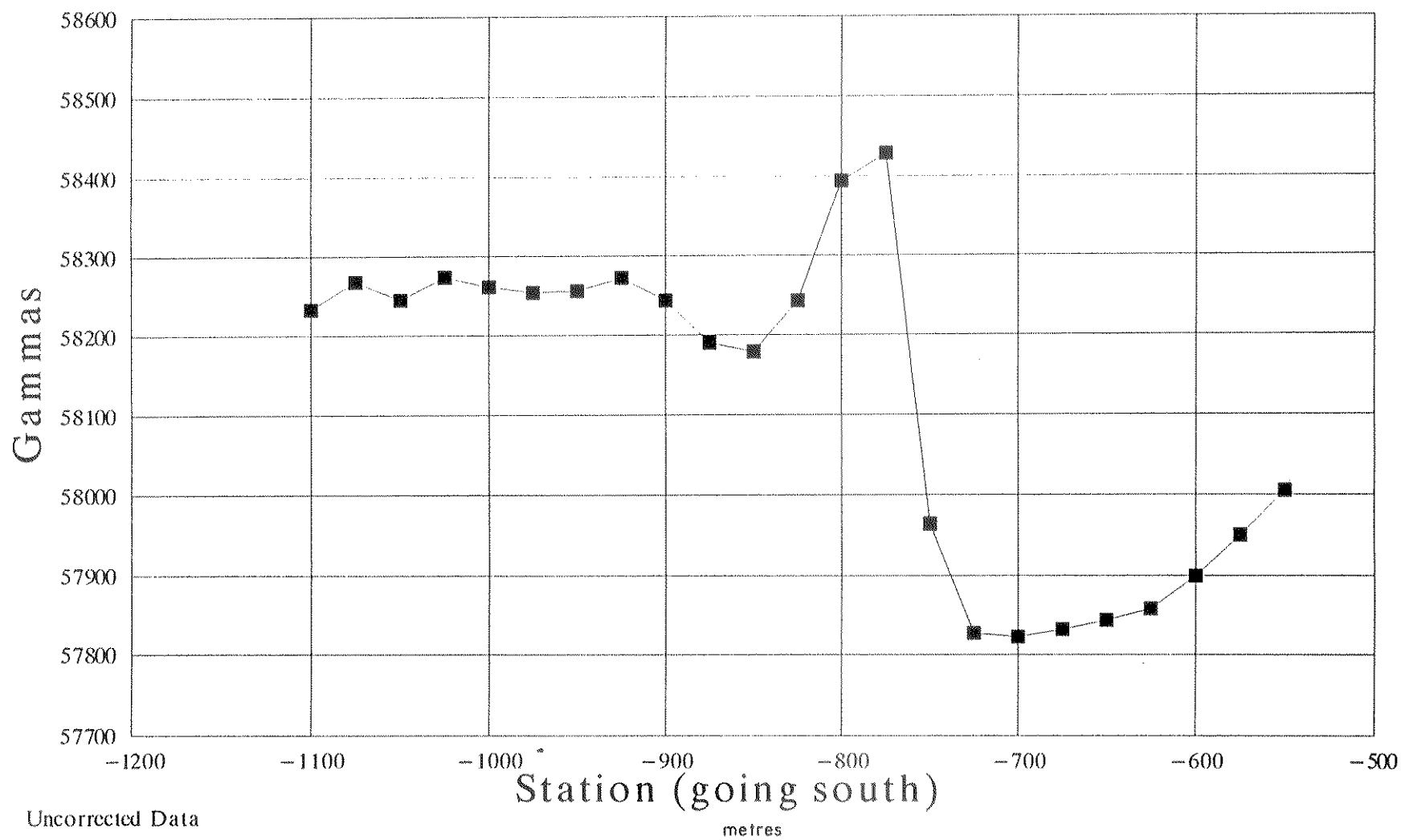
8b FRANCOIS GRID

Line 65+00W



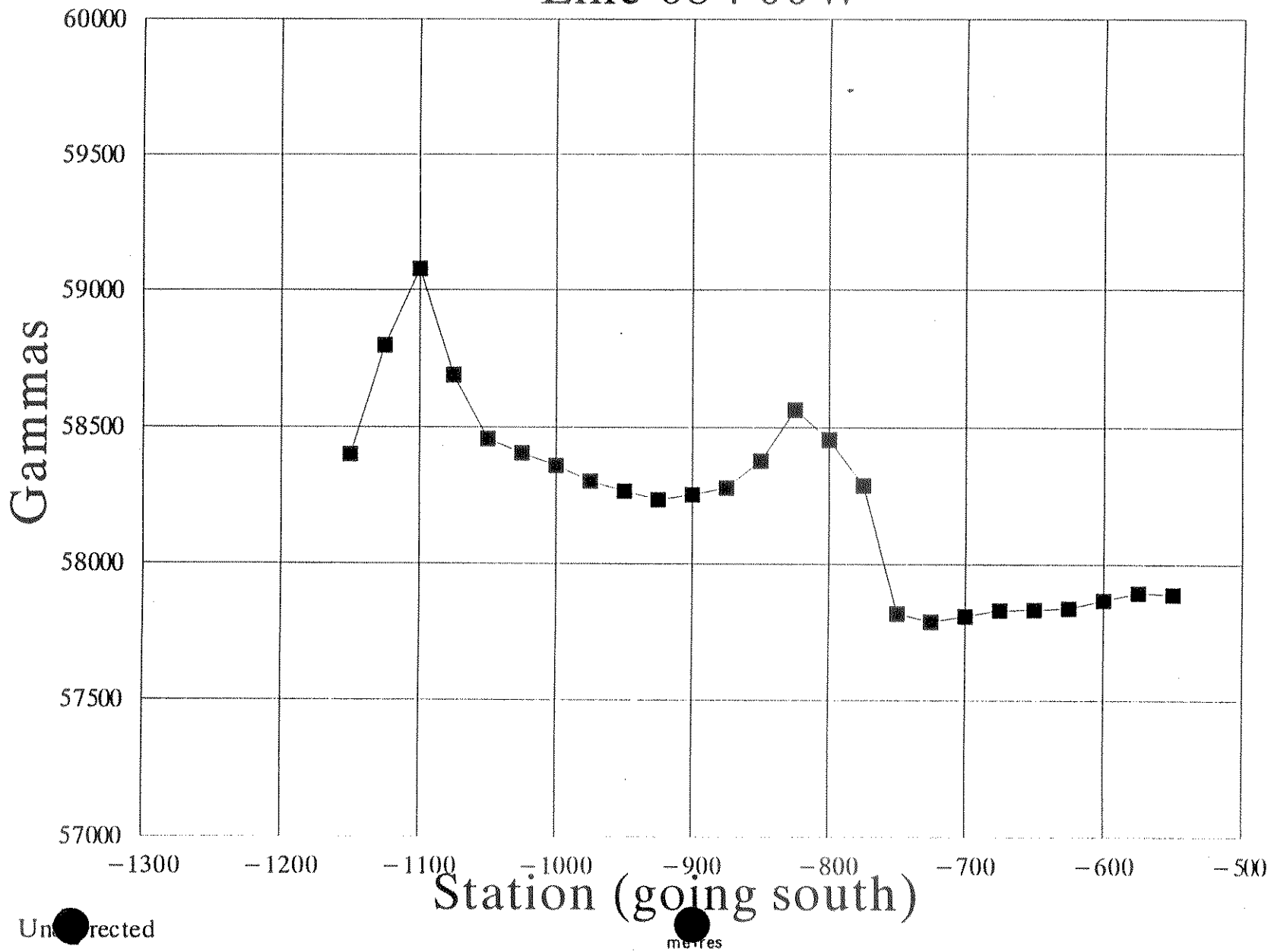
8c FRANCOIS GRID

Line 67+00 W



8d FRANCOIS GRID

Line 68+00W



Unrected

metres

DISCUSSION OF RESULTS

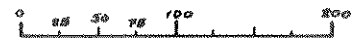
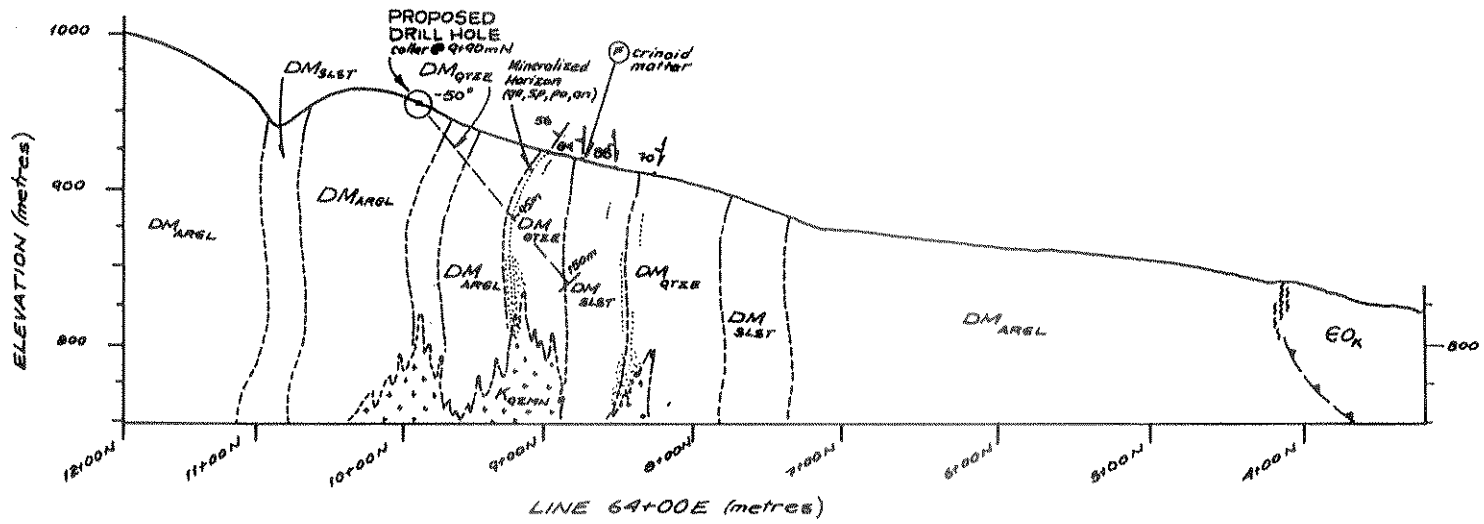
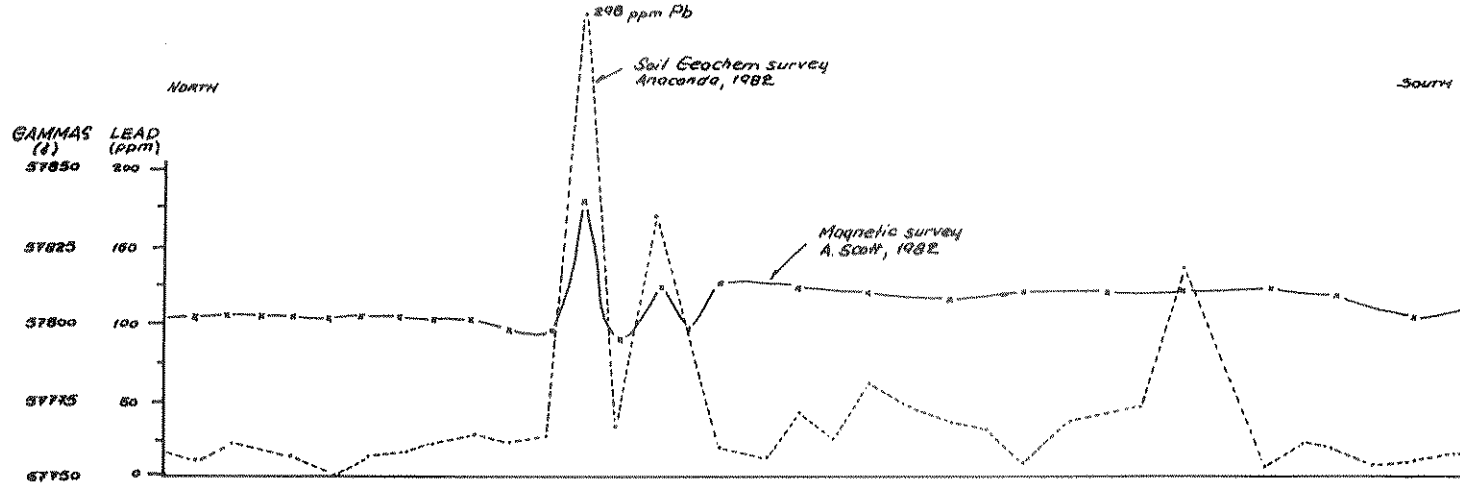
Both the Cave and Kal Zones are extensively hornfelsed and mineralized. Auger sampling results and the magnetic profiles appear to indicate one or more "horizons" which are well above background geochemically and magnetically and, as such, constitute sound exploration targets for zones of economic mineralization. Previous surveys indicated that these zones have considerable areal extent and that the targets are large.

If the mineralization is stratigraphically localized, it dips gently into the hill at both locales. Of the two, the Kal showings area is more readily accessible for drilling and thus should constitute the first target for drilling (Figure 9).

Because of the proximity of intrusions in all areas, alteration and hornfelsing, and the presence of anomalous concentrations of metals atypical of shale hosted deposits, the mineralization is at least extensively remobilized and may in fact be more closely related to metasomatism. This in no way reduces the opportunity, the extensive distribution of sulphides makes for a large untested sulphide deposit which warrants drilling. It may be prudent to evaluate it as a metasomatic related zone of mineralization and look for zones of greater metal concentrations near the more limy units.

On the Francois grid area, the magnetic data suggests that sulphides extend and are open to the west. The limited amount of drilling conducted in this area to date has not adequately tested this obviously large sulphide system.

Further drilling at initially wide spacing in the order of 1-300 meters is recommended for the area west of hole 90-1.



ENERGOLD MINERALS INC.	
DROMEDARY PROJECT KAL AREA SECTION-Line 64+00E	
Date: Nov., 1993 N.T.S.: 105 L/14	Drawn By: R. Zuran Figure: 9

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STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS:

I, H. WALTER SELLMER, hereby certify that:

1. I am a graduate of the University of British Columbia, having obtained a B.Sc. in Honors Geology in 1964 and an M. Sc. in Honors Geology in 1966.
2. I have been continuously engaged in mineral exploration in Canada and the United States of America for the past 27 years.
3. I am a Registered Professional Geoscientist in good standing in the Province of British Columbia (Reg. # 18558).
4. I planned and directed the work conducted during the 1993 exploration program on the Dromedary Mountain property in the capacity of Consultant for Energold Minerals Inc. and participated in the preparation of this report.

Date: December 1, 1993.

H. W. Sellmer
H. W. Sellmer, P. Geol.

STATEMENT OF QUALIFICATIONS

I, Rick J. Zuran, hereby certify that:

1. I am a graduate of the University of British Columbia, having obtained a B.Sc. in Geology in 1987.
2. I have been engaged in mineral exploration since 1977 for base metals, uranium, and gold in Northwest Territories, Saskatchewan, Labrador, British Columbia, and Yukon Territory.
3. I was employed by Energold Minerals Inc. as "Geologist" on the Clear Lake Project and participated in writing this report.

Date: NOVEMBER 18th, 1993



Rick J. Zuran

STATEMENT OF QUALIFICATIONS

I, Lee C. Pigage, am a resident of the Yukon Territory, living at 2 Rosewood Place, Whitehorse, Yukon Y1A 4X3.

I graduated from the University of Wyoming in 1970 with a BSc in Geological Sciences.

I graduated from the University of British Columbia in 1973 with a MSc in Geological Sciences.

I graduated from the University of British Columbia in 1978 with a PhD in Geological Sciences.

I have worked in economic geology and the mining industry continuously since 1979.

I am a Fellow in the Geological Association of Canada.

I do not have any investment interest in any of the claims for which work was completed during the field season covered by this report.

LC Pigage
November 18, 1993

STATEMENT OF COSTS

DROMEDARY MOUNTAIN - COST STATEMENT
 ASSESSMENT WORK (August 8th - 27th, 1993)
 Prepared September 8th, 1993.

CODE #	DESCRIPTION	AMOUNT	REMARKS
	LABOUR		
	Supervision & Reporting:		
	H. W. Selimer 2 days @ \$695.50	\$1,391.00	
	R. Zuran 2 days @ \$228.00	\$456.00	
	Fieldwork:		
	L. Pigage 18 days @ \$320.00	\$5,760.00	
	A. Bashforth 19 days @ \$180.00	\$3,420.00	
	R. Zuran 19 days @ \$4800.00/mo	\$3,040.00	
	GST @7% on \$9,180.00	\$642.60	
	SUB-TOTAL LABOUR	\$14,709.60	Auger Sampling 34/54
	Phone, mail couriers, shipping	\$819.74	
	Maps & Publications	\$37.00	
	Drafting	\$500.00	
	Vehicle Rental	\$125.00	
	Helicopter	\$8,437.73	
	Fixed Wing Charter	\$963.00	
	Sample Analyses	\$977.45	
	Camp Accommodation & Board	\$794.35	
	Travel	\$900.00	
	Field Supplies	\$800.00	
	TOTAL EXPENDITURE	\$29,063.87	
	AUGER SAMPLING COSTS (x.63)	\$18,310.24	
	CAVE GRID AREA (DMC Claims):	\$7,690.30	Auger Sampling x 42%
	DMC 27	\$2,591.63	Cave x 33.7%
	DMC 28	\$2,499.35	Cave x 32.5%
	DMC 29	\$1,107.40	Cave x 14.4%
	DMC 30	\$1,491.92	Cave x 19.4%
		\$7,690.30	
	KAL GRID AREA (DMC Claims):	\$4,028.25	Auger Sampling x 22%
	DMC 3	\$185.30	Kal x 4.6%
	DMC 4	\$1,554.91	Kal x 38.6%
	DMC 6	\$2,288.05	Kal x 56.8%
		\$4,028.25	
	FRANCOIS GRID AREA (ACE & NORA CLAIMS):	\$6,591.69	Auger Sampling x 36%
	NORA 30	\$1,595.19	Francois x 24.2%
	NORA 31	\$204.34	Francois x 3.1%
	NORA 32	\$2,544.39	Francois x 38.6%
	ACE 293	\$468.01	Francois x 7.1%
	ACE 295	\$843.74	Francois x 12.8%
	ACE 310	\$936.02	Francois x 14.2%
		\$6,591.69	
	TOTAL AUGER SAMPLING:	\$18,310.24	

1993

DROMEDARY MOUNTAIN OPTION

APPENDIX A: SAMPLING METHOD AND ANALYTICAL RESULTS



Bondar Clegg

Inchcape Testing Services

Bondar-Clegg & Company Ltd.
 130 Pemberton Avenue
 North Vancouver, B.C.
 V7P 2R5
 Tel: (604) 985-0081
 Fax: (604) 985-1071

May 21, 1993

Mr. Walter Sellmer
 Energold Minerals,

Fax: 681-9501

Dear Sir,

Please accept this proposal to cover your analytical requirements for 1993. We understand you expect to generate approximately 300 to 600 samples. Please note that Bondar-Clegg offers a large variety of sample preparation and analytical methods and we would be happy to offer other element combinations/analytical techniques if your needs should change.

Bondar-Clegg is pleased to offer the following analytical services:

Sample Preparation

Rock and Drill Core

1. All field material submitted will be dried if required and reduced to -10 mesh using Jaw and Cone Crushers.
2. A 250 g representative split of the -10 mesh material will be obtained using a Jones Riffle Splitter.
3. The representative split will be pulverized to -150 mesh using a ring and puck pulverizer.
4. The pulverized material will be homogenized, bagged and labelled.
5. All sample reject material will be stored for 60 days free of charge, after which Bondar-Clegg's routine storage charges will apply.
6. All sample pulps will be stored for one year free of charge, after which Bondar-Clegg's routine storage charges will apply.

Your cost for rock sample preparation/sample:

(+ \$1.00 for 4kg -)
 \$ 3.75
 ← 2kg sample.

+4.75 2-6 kg
 # 5.25 6-12kg.

Soil and Sediment Samples

1. All field material will be dried at 60 °C.
2. The dried sample will be screened for the -80 mesh particle fraction, unless an alternative fraction is requested.
3. The -80 mesh fraction will be homogenized, bagged and labelled.

Your cost for soil sample preparation/sample:

\$ 1.25

Analytical Determinations

1. Determination of the following elements using a HNO₃/HCl extr.-ICP Atomic Emission Spectroscopy: *As...5 ppm*
Cu....1 ppm
Pb....2 ppm
Zn....1 ppm
Ag....0.2 ppm
2. Determination of Ba by X-Ray Fluorescence, detection level of 20 ppm.

This determination by X-Ray Fluorescence, is capable of generating very precise and accurate values for Ba. Multi-acid and Aqua-regia digestions may be (and usually are) incomplete for certain mineral forms

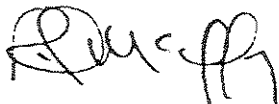
3. Determination of Hg using a HNO₃/HCl extraction-Cold Vapour AAS, detection level of 0.010 ppm.

Your cost for the above package, not including sample preparation:

\$ 9.00

Thank you for allowing us the opportunity to quote on your analytical work and we look forward to helping you have a successful exploration season.

Sincerely,



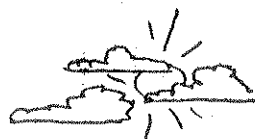
Rick McCaffrey
Manager, Geochemical Department
Bondar-Clegg & Company Ltd.

*Turn around time. - 7 days max.
Ba - up to 2 wks.*

SLEEP TENT

- 2 Jerry cans (1 with 40lb sth)
- 1 Honda pump
- 1 chain saw - 280 sth
- 2 40lb propane cylinders (full)
- 1 2 burner stove
- 2 battery charger
- 2 car batteries
- 2 pillow / 4 foamies
- 1 broom
- 1 wash pan
- 3 black cats
- 1 sunflower heater, 1 burner
- 3 box nabeles
- 1 ATV battery (Honda 300)
- 1 phone book
- 10m extension cord
- 2 cans of reg gas (5gal, 3gal)
- 1 tin naptha
- 1 can fire starter
- 1 Equ WD-40
- 1 20lb propane cylinder

DROMEDARY PROJECT



August 9th

1.1 male
1.2 fairy } Helicopter hrs. for move to CAVE ZONE

Flagged 3m W of Ck @ 920m => #9216015

- plan

Soil lines 1250, 1350, 1550, 1650, 1750 from 600 700N-1100N



AUG 10th

GEOCHEM - LINE 12+50E (CAVE)

STATION	COLOUR	COMPOSIT. C-S-Sa-G-O	DEPTH (m)	COMMENTS
1	6+00N	tan	0.45	covered talus & veg. Minor ash
2	6+25N	tan	0.40	adj. talus - slightly covered
3	6+50N	tan	0.40	open talus & soil
4	6+75N	tan	0.60	steep (S-facing) slope - cover veg.
5	7+00N	tan	0.35	compact - bottom of slump scar
6	7+25N	tan	0.30	steep slope; compact - glacial
7	7+50N	tan	0.55	compact
8	7+75N	brown	0.65	v. weak oxidized
9	8+00N	greenish-bn	0.60	arg. lite chips, weakly oxidized
10	8+25N	brn-grey	0.75	minor rust; arg chips - Choziz
11	8+50N	dk grey	0.80	slightly graphitic; homo
*	8+75N	black	0.60	@ camp; @ 9+00N line shifts 30m W from Aurum L13-9+00N; down slope (1.5E) 900N
13	9+00N	brn-black	0.60	arg. chips; minor rust (1st stn on shift line)
14	9+25N	dk grey	0.80	Choziz - graphitic arg chips
15	9+50N	brn-grey	0.20	hit bedrock @ c 10m E of soil
16	9+75N	brn-grey	0.40	Choziz; weakly rusty spots; graphitic
17	10+00N	v. dk grey	0.75	Choziz; white calcite speck; 4% oxide Fe
18	10+25N	brown	0.70	steep slope 3m S; glacial pebbles
19	10+50N	grey-brn	0.30	slightly graphitic; arg chips
20	10+75N	green-brn	0.40	
21	11+00N	weak rusty brown	0.75	C-horiz

* 56m Whit 10+75N on L12E @ 290
@ c moderately hard; rust (minor) on joint surfaces

* From L1250E 1100N to L13 1100N @ 110Az = 32m

* L 13+50E 8+00N - old Aurum TL 8+00N 13+25E

CAVE

KAL

FRANCOIS

SOIL GEOCHEM L13150E

STATION	COLOUR	COMPOS. C-S-SA-G-O	DEPTH (m)	COMMENT
11+00N	brown	1-3-3-2-1	0.50	minor (<10%) dk grey arg
10+75N	brown	2-8-0-0-1	0.65	dominantly silt
10+50N	grey brown	1-5-1-3-0	0.40	rounded gravel
10+25N	tan	1-5-3-2-0	0.55	dark grey argillite chips
10+00N	tan	1-5-3-0-1	0.3	dark grey argillite scree immediately downslope
9+75N	brown	0-4-3-1-2	0.4	minor argillite chips
9+50N	grey brown	0-4-2-2-2	0.35	minor argillite chips
9+25N	dk grey brown	0-5-2-3-1	0.4	minor oxidized silt immediately downslope from camp abundant argillite gravel fragments
8+75N	grey brown	1-4-2-2-1	0.3	minor dark grey argillite
8+50N	yellow brown	1-2-4-2-1	0.4	dark grey argillite chips
8+25N	tan	1-3-3-2-1	0.4	very steep slope
8+00N	yellow brown	1-4-3-2-0	0.4	same station as Aurem 13+25E/8+00N - Aurem cross line
7+75N	tan	1-4-3-1-1	0.4	minor argillite chips same roots
7+50N	brown	1-3-2-3-1	0.3	numerous rock chips
7+25N	brown	1-3-3-2-1	0.3	
7+00N	tan brown	1-3-3-2-1	0.3	
6+75N	greenish grey brown	1-4-3-1-1	0.3	small runoff chute numerous argillite chips
6+50N	dark grey brown	3-2-2-2-1	0.5	sample holds together because of clay
6+25N	dark grey brown	3-3-2-2-0	0.45	sample holds together.
6+00N	grey brown	2-2-2-1-1	0.35	

* @ 290°Az hit L12+50E @ 6+37mN 72m from L13150E 6100N
 * 137m from L12+00E 6100N to L12E 6+50N @ 290°Az.

cut by ANACONDA 1982

AUGUST 11/93 L PIGAGE/A BASHFORTH
 Cool, overcast, drizzly - bush is wet

GEOCHEM SOILS U/AUGER LINE 16+50E CAVE GRID

STATION	COLOUR	COMPOSITION C-S-SA-G-O	DEPTH (m)	COMMENTS
11+00N	dark grey brown	2-2-2-3-1	0.35	dark grey argillite chips
10+75N	brown	3-2-1-3-1	0.3	dark grey argillite chips
10+50N	grey brown	2-3-3-1-1	0.15	abundant roots higher in hole
10+25N	grey brown	3-3-3-1-0	0.45	
10+00N	black	4-1-1-1-3	0.85	abundant organic material adjacent to outcrop. abundant argillite chips
9+75N	dark grey brown	1-1-2-3-3	0.7	limonitic yellow brown & colour
9+50N	yellow brown	0-4-4-1-0	0.4	reddish hue to colour
9+25N	light yellow grey brown	0-4-4-1-1	0.5	
9+00N	tan	0-4-4-1-1	0.45	dark grey argillite chips
8+75N	black	0-3-2-4-1	0.3	abundant black argillite chips
* 8+50N	tan	0-4-4-1-1	0.4	black argillite chips
Encountered Aurem 8+00N cross-line @ this station Estimate 16+12E/8+00N based on their flag				
8+25N	black	3-2-3-1-1	0.6	Black argillite chips
8+00N	brown	1-3-3-2-1	0.65	Gentle slope
7+75N	brown	2-3-3-1-1	0.6	Very gentle slope
7+50N	dark grey brown	2-3-2-2-0	0.8	Dark grey argillite chips gentle slope
7+25N	grey brown	2-3-2-2-1	0.75	Gentle slope - mature forest
7+00N	greenish grey brown	2-3-2-2-1	0.65	Gentle slope - mature forest

KAL FRANCOIS

L 16+50E

STATION	COLOUR	COMPOSIT	DEPTH (m)	COMMENTS
6+75N	greenish grey brown	2-3-2-2-1	0.8m	matrix forest, dark argillite chips
6+50N	dark grey brown	2-3-3-1-1	0.65	Grey argillite chips w/ limonite staining
6+25N	yellow brown	1-4-3-1-1	0.65	gentle slope, grey argillite chips
6+00N	brown	1-3-3-2-1	0.55	gentle slope/ matrix forest
E.D.L. @ 6+00N				

Encountered Anaxandri baseline @
1600E / 5750N on bearing 110° (290°)
after distance of 90m.

RZ-notes for August 11th

* must sample (rock chip) L14E @ 7+15N - gossanous siltstone
ja, lm, mn stained.

KAL CAMP @ 790m

August 12 - see diary.

AUGUST 13th mom: scattered alioemulus 3/4 calm.

Lee & Arden: rock chip sampling

Rick: 1:1000 scale mapping up creek

AZ-2A
• O/C just south of L14E 6+50N
(25m)

Bedding: (on graphitic laminae - fine 2mm spacing)
possible biolurbated?
→ 100/825
Cleavage 126/88N

count
upright.

Lee feels it could be a meta-siltstone (Silurian)
- weakly dolomitic.

600



DROMEDARY FILM LOG

FRAME	LOCATION	COMMENT
1	CAVE; L14E 9+15N; C4453	Sampled material; calcareous f. gn. sst
2	CAVE @ Flag 9211005	Ferricreek gossan @ creek.
3	along CAVE @ 890m	Sleep rapids @ ferricreek
4	CAVE campsite	Lee Pigage, Arden Bashforth, Rick Zurrin
5	KAL L68E 11+50N	TR 88-10
6	KAL 6794E 825N	TR 88-B
7	KAL 64+20E 9105N	TR 88-2, best mineralization seen so far
8	KAL CAMP	ARDEN COOKING DINNER

▲ Z25 ws red-brown (gossanous)
 P.S. gunsteel grey
 siliceous-graphitic siltstone with up to 10% diss py +
 tr. med gn euhedral galena.
 Spaced cleavage @ 50m 110/72S

▲ Z26 ws - rusty red orange brn
 FS - greasy dk grey
 loc in creek ; med-fine grain dirty (argillaceous) qtz-ssst
 (quartzite?): dk grey to black qtz grains by
 7-15% disseminated sulphides mostly pp (10-15%)
 cp of covellite stain (tr-1mm), galena (tr-1mm) of sph??
 v. hard rock. Completely gossanous in water.

▲ Z-27 Fossil horizon
 Strophomenids (2 species)
 Barnacle
 Spongerid?
 Crinoid ossicles

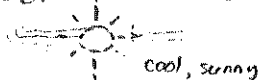
AUGUST 14

Broke camp in morning; Brian tried to get in but it
 was too windy. Shut down for an hour on the Pelly, tried
 again @ 12:00 - still too windy. Traversed Lee & Arden
 up stream from Cape Showing mapping @ 1:5000
 Discussed S limestone interbeds & lops; cleav = bedding
 ∴ stratigraphically upright

① 260m @ 290° Az from camp

② up line 18m picket 510873 (AURUM) other side reads L76⁷⁷
 215DN

120m up line from intersection to picket 1315DN L76E

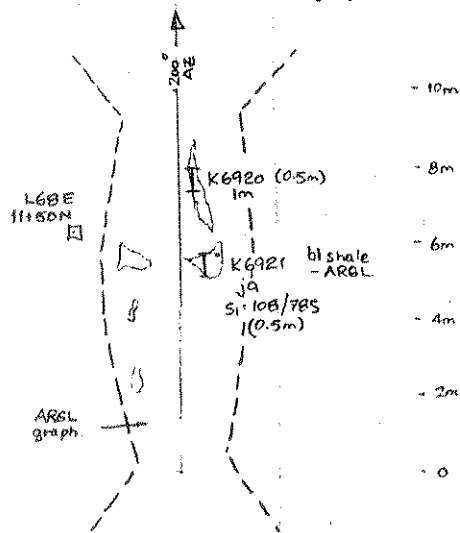


AUGUST 17th

- 3 of us set out to see trenches L68E, 11125N
- tie into L76^E 12125N

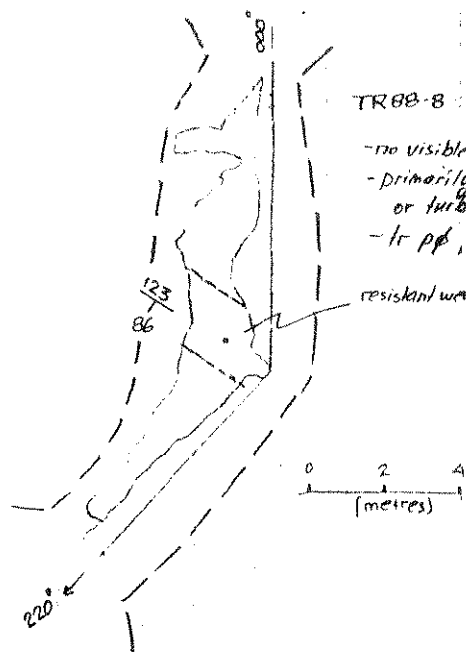
TRENCH BB-10 @ L68E 1115DN

- no visible sulphides; med-intense ja f 1m



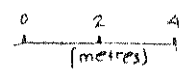
@ 10177mN another trench (L68E) - subcrop porcelanite (89-11)

@ 6719AE 8125N TR88-8 1m, ja in fine gr turbid sst ^{bedding} 123/56 SW
 - dirty hornfels? turb-qtzite? - no sulphides seen. Locally weakly magnetic



TR88-8

- no visible sulphides
- primarily fine gr silty quartzite or turb.
- tr pp, local manganese staining
- resistant weathering turb (sl)



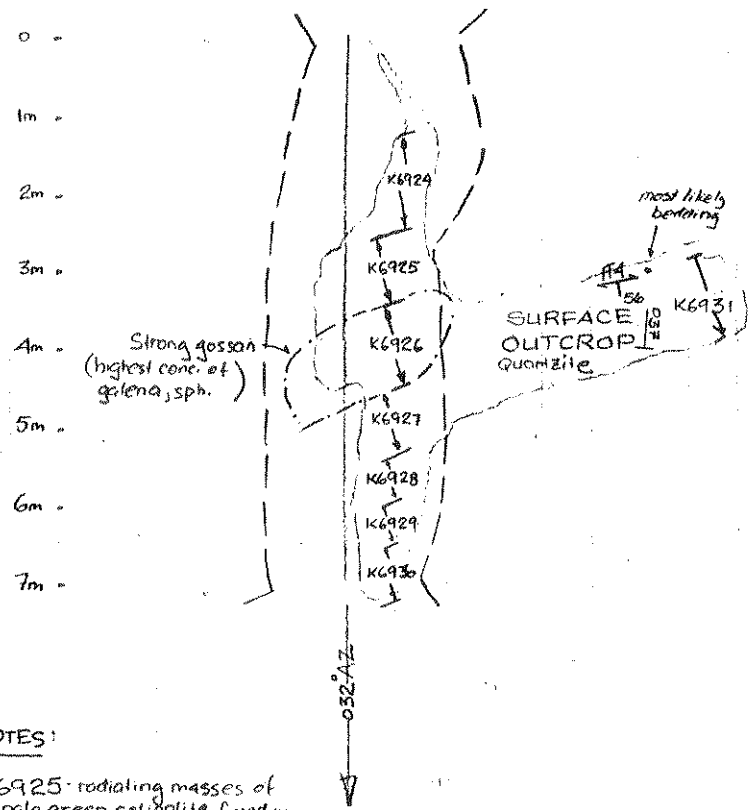
K6922 - magnetic med gr silicified dirty qtz-turb. qtz veins
1 per 5,10m irregular, small 1mm dia garnets (7%)
110/70N - bedding

K6923 - rd weathered in sugary dirty turb? horfekeed. biotite
locally found along joint faces. Fine grain radiating
actinolite masses 3mm across. Core 10m to the south
- on L66E 8100N

+ @ L64E 810N & TRENCHES BEDDING 107/70N 88-6
(long 10m)
L64E 8175N TRENCH - crinoids SLTS.

+ TRENCH 88-2 located @: 64120E 9105N - Reconfirm chips

TRENCH 88-2 - reconfirmation
Loc 64120E 9105N



NOTES:

K6925: radiating masses of pale green actinolite found w
up to 2% black jack sphalerite in small veinlets (2mm wide), tr galena
(1mm dia) and blebs of pp (2mm).

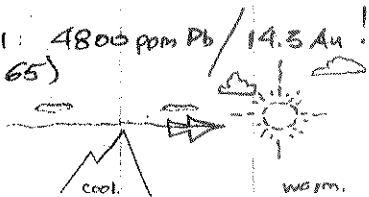
WS: Black w patches of dk red brown
FS: Pale green

MINERALOGY: Actinolite (pale grn) radiating masses (2-3mm dia)
Quartz: med grain; equigranular
Galena
Sphalerite
Pyrrhotite
no pyrite

* this is the zone to drill; it would be easier to drill than CAVE

FRANCOIS

* Check L65E 875N soil: 4800 ppm Pb / 14.3 Au!
(helicopter pad should be on line 65)



AUGUST 18th

Morning

Broken, cumulonimbus 6500' 9/10
gentle breeze; cool → becoming more sunny
in aft - scattered 3/10 cumulus.

SOIL AUGERING w/ Lee & Arden L73+00E

* note, lines will be slope chained (topline - 'crude fashion')

STATION	COLOUR	C-S-SA-G-O	DEPTH (m)	SLOPE	COMMENTS
13+00N	lt. brown	1-5-2-2-0	0.3	> 40°	SLST 20m to E
12+75N	brown	1-5-2-2-0	0.2	0° (25m)	SLST talus
12+50N	brown	0-4-1-3-2	0.2	> 40°	lg slab SLST talus, 10% ash
12+25N	brown	0-4-1-3-2	0.3	40°	
12+00N	tan (lt.)	0-9-1-0-0	0.45	20° (25m)	flatter terrain, dry
11+75N	brown	2-7-0-1-0	0.50	0° (25m)	
11+50N	green-brown	4-2-1-3-0	0.60	0° (25m)	
11+25N	grey brown	2-3-1-2-1	0.40	0° (25m)	rock chips
11+00N	dk grey brown	1-2-3-3-1	0.55	0° (25m)	rounded pebbles
10+75N	brown	3-4-1-2-0	0.45	0° (25m)	
10+50N	brown	1-6-2-1-0	0.35	0° (25m)	
10+25N	brown-grey	3-3-1-2-1	0.45	0° (25m)	slide hill
10+00N	brown	4-3-1-2-0	0.40	0° (25m)	slide hill
9+75N	green-brown	4-3-1-2-0	0.50	0° (25m)	
9+50N	brown	5-3-1-1-0	0.50	0° (25m)	
9+25N	brown	3-5-1-1-0	0.35	0° (25m)	
9+00N	tan	1-8-1-0-0	0.45	0° (25m)	break in slope
8+75N	grey	1-6-0-2-1	0.35	0° (30m)	slope
8+50N	grey-brown	0-4-0-3-3	0.40	0° (25m)	side hill; rounded pebbles
8+25N	dk brown	1-2-0-2-6	0.30	0° (25m)	SLST c hips
8+00N	dk brown	1-2-0-3-5	0.60	0° (25m)	ja-mixer
7+75N	dk grey	2-2-6-1-0	1.10	0° (25m)	ja + tm mod. / dk gully
7+50N	grey	5-1-0-1-3	1.35	0° (25m)	716m hit dk-form pH 6.6?
7+25N	NS-frozen brown	2-1-2-4-1	0.85	> 0° (25m)	
7+00N	dk grey				gravel bed

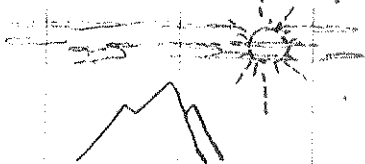
* 66m from L73E 7100N to dk (not firm anymore) @ 110°A

SOIL AUGER GEOCHEM L74+00E

STATION	COLOUR	C-S-SA-G-O	DEPTH (m)	SLOPE	COMMENTS
7+00N	dk grey	1-3-0-2-5	0.50	0° (25m)	edge of stream gully
7+25N	brown	3-5-1-1-0	0.45	0° (25m)	rocky bottom, dry
7+50N	tan	0-3-3-2-2	0.30	0° (25m)	rounded pebbles
7+75N	tan	1-4-3-2-0	0.45	0° (25m)	rounded pebbles (poor sample)
8+00N	tan	0-1-2-4-3	0.25	0° (25m)	glacial sand
8+25N	grey-tan	1-1-8-0-0	0.75	0° (25m)	
8+50N	wk.org-brn	1-6-2-1-0	0.45	0° (25m)	in gully;
8+75N	dk grey	0-1-4-3-2	0.55	0° (25m)	covered talus; poor sample
9+00N	brown	0-2-3-3-2	0.25	0° (30m)	
9+25N	tan-grey	4-4-1-1-0	0.65	0° (25m)	
9+50N	fl.org-brn	4-4-1-1-0	0.50	0° (25m)	hit rock @ bottom
9+75N	tan	0-8-1-1-0	0.25	0° (25m)	" " " "
10+00N	tan	2-8-1-1-0	0.50	0° (25m)	
10+25N	tan	2-6-1-1-0	0.50	0° (25m)	
10+50N	brown	2-5-1-2-0	0.50	0° (25m)	
10+75N	tan	0-7-1-2-0	0.75	0° (25m)	1/4 quartzite in ja; ash
11+00N	NS-covered	boulder/talus	field		gully
11+25N	dk grey	0-4-1-2-3	0.10	0° (30m)	slope
11+50N	org-brn	0-6-1-2-1	0.30	0° (25m)	lim. stain on?
11+75N	brown (lt)	3-4-2-1-0	0.60	0° (25m)	arg chips
12+00N	yellow-tan	3-6-1-0-0	0.35	0° (25m)	

* 205m from L74 12100N to L76; intersect L76 @ 11+95mN

AUGUST 19th



WEATHER warm; scattered Alto altocumulus; calm to gentle winds.

Lee stays to guard camp against bear visitor from last night.

Arden & I go mapping trenches.

*** Phone B-G in Van for analysis > 10,000 ppm.

* thin section should be made of mineralized rock.

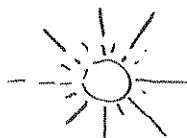
- look up poecolite

* how about using a vinkie drill @ KAL / CAVE

AUGUST 20th

Helicopter move to Francois Area = 2.5 hrs.

TL 1100S; 50100 4 3m west of
Post 2 NORA 24 ✓
Post 1 NORA 26 ✓
23 ✓
25 ✓



(morning)
calm, sunny

AUGUST 21st

Lee & Arden soiling L63100W
Rict - Mag

Claim post

* Mag L65100W is actually Form E of the cut L66100W which is a 30m E of picket TL 1000S, 66100W. It is also 30m W of L62100W.

* Started mag @ 1100S on L65W; @ the Opt I ended up 30m S of the BL; and intersecting the TL, L65W is 81m W of L6A

AUGUST 23rd



* Picket "TL 1100S 66100W" is 33m W of actual cut line 66100W; Flagged EMI 1993 soil auger & mag line 100m from cut 66100W ∴ it is 67100W.

SOIL ALIEN L67100W

STATION	COLOUR	C-S-Sq-G-O COMPOSIT	DEPTH	COMMENTS
1100S	Brown	2-4-1-0-3	0.70	start on tie line
10175S	Brown (dk)	4-2-1-3-0	0.90	flat
10150S	Brown	6-1-1-2-0	0.80	flat, mossy
10125S	Brown	7-1-0-2-0	0.85	flat, mossy
10100S	Brown	6-1-0-3-0	0.95	rounded peb; glacial till
9175S	Brown	8-1-0-1-0	0.70	glacial clay
9150S	Brown	6-1-1-2-0	0.65	
9125S	Brown	6-1-2-0-0	1.00	slope; gentle
9100S	Brown	4-1-2-3-0	0.60	dry
8175S	Grey-brown	7-0-0-3-0	0.80	glacial clay & rounded peb.
8150S	Brown	6-1-1-2-0	0.80	" " " "
8125S	Grey-brown	7-1-0-2-0	1.00	clay - wet
8100S	dk grey-brown	6-1-0-0-3	0.80	frozen bottom - went thru humus
7175S	NS			org + perm
7150S	NS			insulated; perm + org
7125S	NS			" " " "
7100S	brown	9-1-0-0-0	0.65	nit perm
6175S	yellow-brown	6-3-0-1-0	0.70	alder patch
6150S	brown	3-6-1-0-0	0.70	dry <5% ash dilution
6125S	yellow-brown	2-7-1-0-0	0.80	" " " "
6100S	lt. brown	4-1-2-3-0	0.90	alder patch
5175S	brown	4-3-1-2-0	0.55	flat
5100S	brown	4-3-1-2-0	0.60	dry; alder patch

L68100W

5150S	grey-brown	4-5-1-0-0	1.3	— limits of auger...
5175S	grey-brown	1-2-4-3-0	0.6	—
6100S	brown	3-4-1-2-0	0.5	settled, dk to lgt brown

* 92m btwn L68 & L67W.

* STN L68W 11+00S is 8m N of TL 11+00S.

* STN's (L68W) 11+25S & 11+50S measured from TL 11+00S.

* 38 Soil samples.

L68+00 cont. →

STATION	COLOR	COMPOSITE C-S-Sa-G-O	DEPTH	COMMENTS
6+25S	ll. brown	1-6-1-0-2	0.4m	dry; 5-10% ash
6+50S	brown	5-4-0-0-1	0.8	20% lim. staining, all rock bot. 5m
6+75S	ll. brown	0-6-3-1-0	0.35m	dry;
7+00S	---	NO SAMPLE...	---	0.4m to pt. - just under root!
7+25S	---	NO SAMPLE...	---	0.4m to pt. - organics
7+50S	---	NO SAMPLE...	---	0.4m to pt. - org + ash
7+75S	grey-brown	8-2-0-0-2	0.45m	org. dilution (20%)
8+00S	---	NO SAMPLE...	---	0.4m to pt. - organics
8+25S	---	NO SAMPLE...	---	0.45m to pt. - orgs; (even near trees)
8+50S	---	NO SAMPLE...	---	0.4m to pt. - org + ash
8+75S	---	NO SAMPLE...	---	0.5m to pt.
9+00S	grey-brown	0-2-4-2-2	0.6	wet; rounded pebbles
9+25S	brown (greyish)	0-2-4-3-1	0.65	wet; rounded pebbles
9+50S	brown	3-6-0-0-1	0.75	wet...
9+75S	grey-green, brown (side)	2-8-0-0-0	0.9	h.t. pt. at .8m.
10+00S	grey, yellow, brown (side)	5-4-1-0-0	0.75	h.t. pt. at 0.75m.; wet...
10+25S	grey, green, brown	0-4-3-2-1	0.5	h.t. pt. at 0.5m.; rounded pebbles
10+50S	" " "	0-4-5-1-0	0.6	rounded pebbles
10+75S	brown	0-7-2-1-0	0.3	glycol?
11+00S	orange-brown	0-6-2-2-0	0.6	limonite?; some ash (5-10%)
11+25S	brown	1-5-3-1-0	0.65	stained with depth, more lim. staining
11+50S	brown	2-6-1-1-0	0.4	more clay rich w/ depth, "

from TL

L13+50E / between 10+25N
10+00N

about 1/2 way between -
actually closer to 10+00N

Small hillside of about
2m/squared 2m²

Dark grey, carbonaceous, moderately hard
argillite/phyllite. Noncalcareous. Irregular
SI cleavage. Weathers w/ mottled rust
brown surface coating

SI 120/87S

L13+50E

1m² hillside outcrop 1/2 between
7+75N # 7+50N

Dark grey, carbonaceous, phyllite/argillite.
Irregular SI cleavage. Weathers w/
mottled rust brown & rust red surface
coating. Only moderately soft

SI 130/82SW

spaced jointing 022/83W

AUGUST 11/93

Totally cloudy & drizzly w/ some
claque. Cool

Doing Soil lines 16+50E & 15+50E
on CAVE grid. On east side of
valley w/ CAVE showing.

Tie into Aurem flag + picket on
line 16+00E / 11+25N. Walk south
on line 16 to 11+00N. - find picket
but no flag.

Head 50m east on bearing 110°
for STATION 16+50E / 11+00N

RIDGE of outcrop @ 16+50E, 9175N
Outcrop trends along strike of SI foliation
Thin, black, hard carbonaceous, noncalcareous
phyllite/argillite. Numerous 2-3mm gr
veins parallel to foliation. Irregular SI
Siliceous.

SI 150/72SW

Outcrop extends for 10m to south from here.

Line 16+50E

Ridge of μ c extends from
9+37N to 9+25N

(About 8+75
in actuality)

Upplonist exposure / looks like abundant
outcrop straight down slope

Just down slope from station have sharp
fall cut out by esc. Cut about knee-high
(winter?).

All scattered subcrop & patches among
undergrowth. No structure - not in place

3 Rock types present

① Common carbonaceous, siliceous, dark
gray phyllite / argillite. Breaks w/ irregular
sl. cleavage surface. Becomes limonite stain
on weathered surfaces.

② Dark gray siltstone to fine sandstone.
locally slightly calcareous. Blocky qtz. clasts.
Abundant pits - weathered calcites? - reminds
me of CASR showing.

③ Dark gray, fine to medium siliceous limonite.
locally platy. Don't know if bed or concretion.
Appears to extend for miles along strike.

From 16+50E / 6+00N on
bearing 110°

Small 1 m² of μ c in steep
hillslope. Stumped - No structure

Dark gray, non-calcareous, silty argillite/
phyllite, moderately hard. Not extremely
carbonaceous. Weather w/ mottled brown
limonite stain on sl.

Dominant sl. cleavage is irregular
breaks on sl.

No structure because stumped?

Traversing North on line 16306
Annconda cut line.

→ actually 5+30N

Outcrop @ 5+30N Exposed in
hillside as tree roots fall over. Sl. cleavage
soft exposure. Small μ c also in line.

Soft, silty gray, slightly calcareous
phyllite. Contains thin light gray calcareous
siltstone beds in to 1/2 in. sl. sl. Subm. of CO
Weather w/ mottled brown surface coat

All exposures look slumped No structures
Possible Kechika Group

Sample Taken

LINE 16E ARIAGONDA BASELINE

Aurem range flag 5+75N

- 1) Aurem range flag 6+25N is actually
6+75N if accept their 5+75N
as being accurate.

Actual distance between "5+75N" & "6+25N" is 100m.

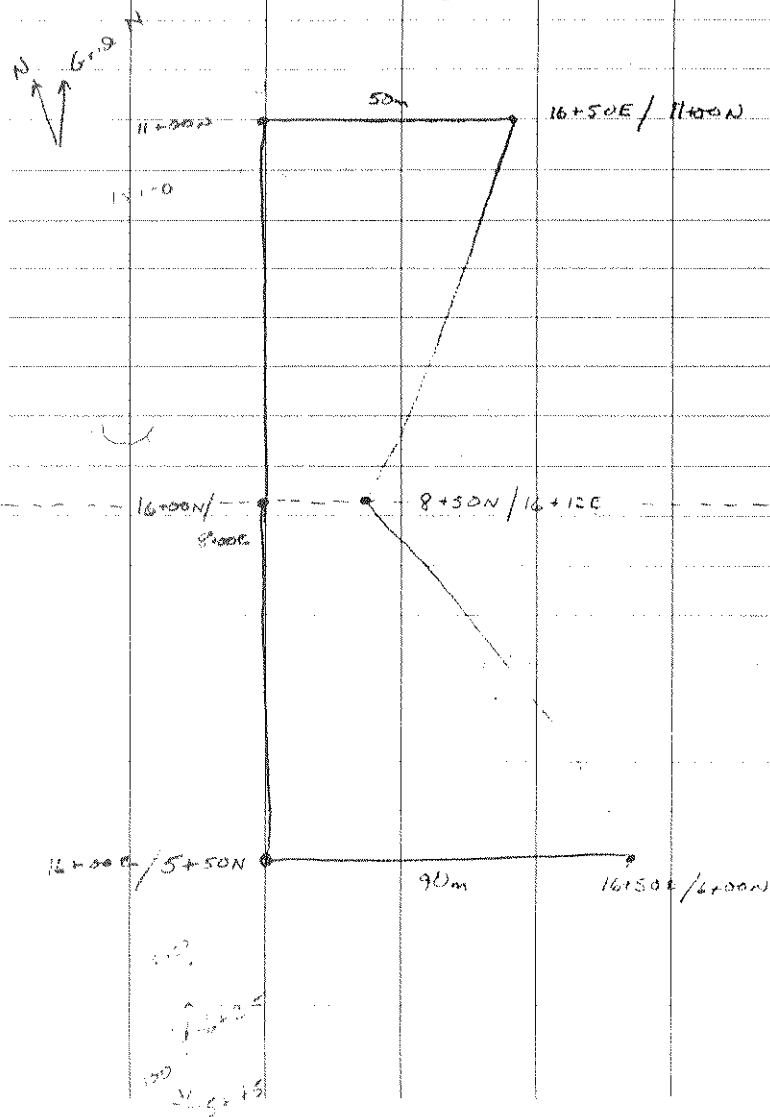
- 2) Aurem flag 6+50N is 7+00N if accept
their 5+75N as accurate

Discrepancy occurs in Aurem flagging
between 6+25N and 5+75N. Actual
distance is 100m rather than 50m.

Line 16+00 / 7+25N (Aurem flag)

small debris / some slope of unconformity
phyllite chips No o/c

Based on topography the
5+75N flag is incorrect



L. Pigage
A. Baskforth

AUGUST 12/93 DROBINARY PROJECT / CAVE AREA

Rain in AM followed by partly cloudy w/ clague

SOIL GEDCHEMICAL LINE 15+50E from 6+00N to 11+00N

LINE 15+50E

STATION	COLOUR	C-S-Sa-g-O COMPOSIT	DEPTH (m)	COMMENTS
6+00N	dark gray brown	2-3-2-2-1	0.6	gentle slope, mature forest
6+25N	grey brown	2-3-3-1-1	0.65	gentle slope, mature forest
6+50N	yellow gray brown	1-3-3-2-1	0.7	gentle slope, mature forest dark argillite chips
6+75N	dark gray brown	2-3-2-3-0	0.6	steep slope, mature forest, abundant argillite chips
7+00N	dark gray	1-3-3-2-1	0.55	steep slope, mature forest
7+25N	dark gray	1-3-2-3-1	0.3	avalanche chute - steep numerous rock chips
7+50N	dark gray brown	1-2-2-3-2	0.3	scree slope w/ much rock
7+75N	dark gray brown	0-1-1-4-4	0.2	scree slope
8+00N	dark brown	1-3-3-2-1	0.4	avalanche chute w/ many alder many argillite chips
* 8+25N	black	0-1-1-4-4	0.4	abundant black argillite chips, avalanche chute
* Aurem sample		15+50E/8+00N		is about 10m upslope.
Intercept Aurem line @ this point				Bearing 045°
8+50N	black	0-1-1-5-4	0.45	steep slope - 1/2 up ahead scree on surface Abundant argillite gravel in sample

F.O.K. In this direction

Outcrop ridge starts @ 8+65E

LINE 15+50E

STATION	COLOUR	COMPOSIT C-S-Sa-g-O	DEPTH (m)	COMMENTS
11+00N	dark gray brown	2-3-3-1-1	0.35	steep slope, mature forest
* CHAINED from 16+00			110+50N	(Aurem) flag to
16+00E/11+00N			(same station as yesterday)	-
then downslope 50m			ru bearing 290°	
Now proceeding across			slope @ 200°	
10+75N	dark gray brown	1-3-2-2-2	0.45	steep slope, young spruce & birch numerous black argillite chips
10+50N	gray-brown	1-3-4-1-1	0.45	gentle slope - young trees
10+25N	dark green brown	1-3-2-2-2	0.4	steep slope - small trees abundant dark argillite chips
10+00N	dark gray brown	1-2-2-3-2	0.3	steep slope small tree edge of runoff channel several trees were just spruce & gravel steep slope - small trees abundant black argillite chips
9+75N	black	1-3-3-1-2	0.3	moderate slope - young trees Abundant black argillite chips o/c nearby
9+50N	black	1-3-2-2-2	0.45	steep slope - young trees o/c - major ridge just ahead Several trees resulted in spruce & rock chips
9+25N		0-0-1-4-4	0.3	
Two stations 9+00N and 8+75N are on the rock ridge - not sampled				
14m to cliff				
Cliff starts @ 9+11N				

NOTES for GEOCHEM LINE 15+50E

1) First station 6+00N arrived @
from 16E — 50m on bearing 290°
Using survey flag 6+25N as "true"
location on 16E

Therefore 50m @ 290° from
16+00E / 6+00N

2) OUTCROP RIDGE @ 15+50E/
extending 7+04N to 7+10N o/c very
elongate along strike direction $\approx 110^\circ$ or so

Outcrop about 6m x 8m = 48m²

Rusty orange brown, limonitic / dark brown
manganese oxide stained siltstone to fine
grite. Primary colour dark gray

Dominant break 112/78S — probably

S0 bedding(?)

Spaced fracture 113/36S — possibly

S1 or just fracture/joints.

Chip Sample C6901 shows low
interval across steep fabric on face
just below soil line.

Siltstone very hard / siliceous & well
cemented. Strong limonite & Mn-oxide staining

15+50E / 7+36E to 7+56E

Outcrop and scree slope: Roughly circular
w/ line going through centre. Abundant scree.

Dark gray, hard, siliceous fine siltstone
Weathers w/ orange-brown limonite or of dark
brown Mn-oxide stain. Irregular surface of
breakage

S0 = steep fabric 100/90

S1? = gentle fracture/joint 145/22 SW

15+50E / 7+60E to 7+75E

Scree slope & cliff outcrop.

To ~~east~~^{south} siltstone — dark gray and
finely crystalline dark gray argillaceous limestone
To north is fine, dark gray, siliceous
argillite to porcellanite.

Arden noted fossils in limy argillite.
brachiopod & cephalopod

Test Soil Pit Samples

9211 GSR 05 + 06

TR 92-3

an arc cut line 16+00E on
south side of ridge 15m south of
edge of outcrop
along cut lines

A+ 15+50E / 9+60N

Bottom of ridge of outcrop which extends
for @ least 30m. upslope Outcrop about
8-10m wide.

Fine-grained, very black, siliceous argillite
Weathers w/ irregular bluish white coating
Not hard enough for porcelain/chant.
Spots of root brown up to 1cm across.

Two surfaces of breakage

Slaty cleavage S1? 086/86S

Spaced fracture dgs S0? 086/50S

Possible nodular holes 3-4cm across.

August 13/93

CAVE SHOWING

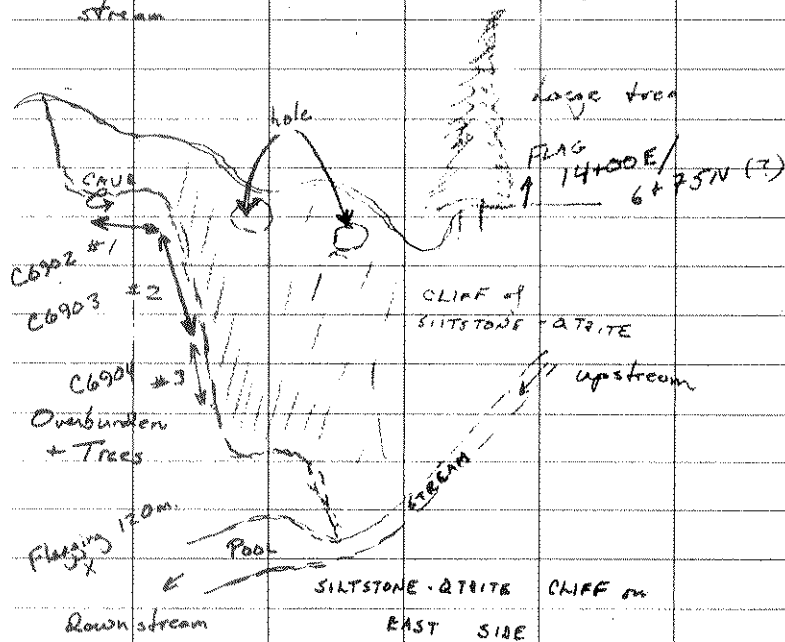
Chip Sampling Gossans near CAVE

SHOWING

L. Pigge

A. Bushforth

View looking West from Flagging
labelled 8812151 looking across
stream



SAMPLE # 1 C6902 1.0m

7.4m from stream immediately below
flagging 8812151 on bearing 280°

Thinly banded, dark gray to black, siliceous, &
fine-grained siltstone. This interval has
bright orange-brown limonitic stain
weathering coat:

Sampling interval contains 1cm thick
calcite veinlet w/ minor gouge along margins -
oriented nearly \perp bedding / cleavage

Dominant banding (= so bedding?)

117/845

JOINT + VEIN + GOUGE 022/65E

SAMPLE # 2 C6903 1.0m

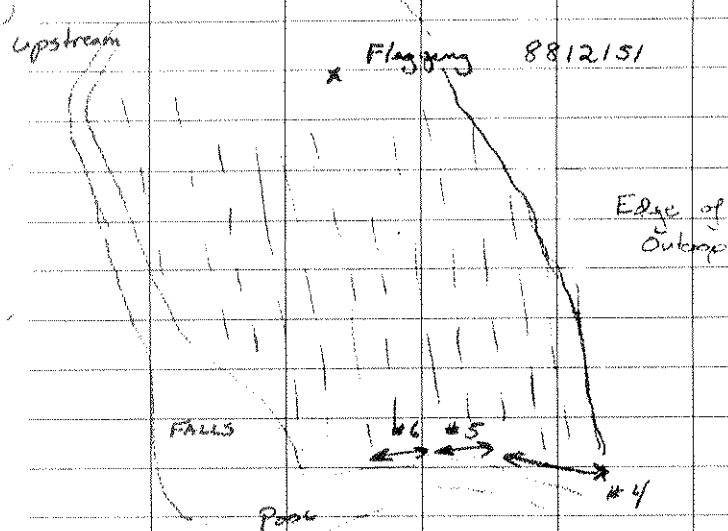
Continuation of sample # 1 - 1m upstream
Same unit

SAMPLE # 3 C6904 1.0m

Continuation of Sample # 2 - 1.0m
upstream possible staly cleage S1 106/84N

Same unit spaced fracture (2-3cm)
135/75 SW prefer^{ed} (SO?) S1?

Looking EAST @ CLIFF FACE
immediately below STATION 8812151



SAMPLE # 4 C6905 1.0m

SAMPLE # 5 C6906 1.0m

SAMPLE # 6 C6907 1.0m

All are same unit

Sample # 4 starts 2.5m upstream from

RZ flag 120m.

Black, siliceous (i.e. hard), thinly banded,
siltstone to quartzite. Locally contains abundant
fine disseminated pyrite. Weathers w/ limonitic or
dark brown surface coating

Spaced fracture about 5-10cm is probably so bedding. Sl stony cleavage is not readily visible.

SO (?) 104/87 S

SAMPLE C 6908 1.0m

17m metres downstream from Aureus flag sample 9211005

Stream contains continuous surface coating of orange brown limonite - also coats the pieces of wood & gravel in stream.

Rock wall immediately east of stream sampled for 1.0m interval

Black, carbonaceous, very hard, fine-grained siltstone. Outcrop has ribbon-bedded appearance. Exposed surfaces have limonitic orange & dark rust brown Mn oxide staining. Locally appears to have disseminated galena

SO (?) 117/74 SW

SAMPLE C6909 1.0m

Same as flag labelled 9211005

Creek outcrop on west side. Very hard, dark gray, siliceous gneiss / sandstone. Has dark rust brown surface coating. Very - very hard & resistant.

Thick bedded

SO 102/835

Qtzite with interstitial network of sulphides - Dominantly fine pyrrhotite. Some tarnish suggestion of chalcopyrite. Locally has breccia texture.

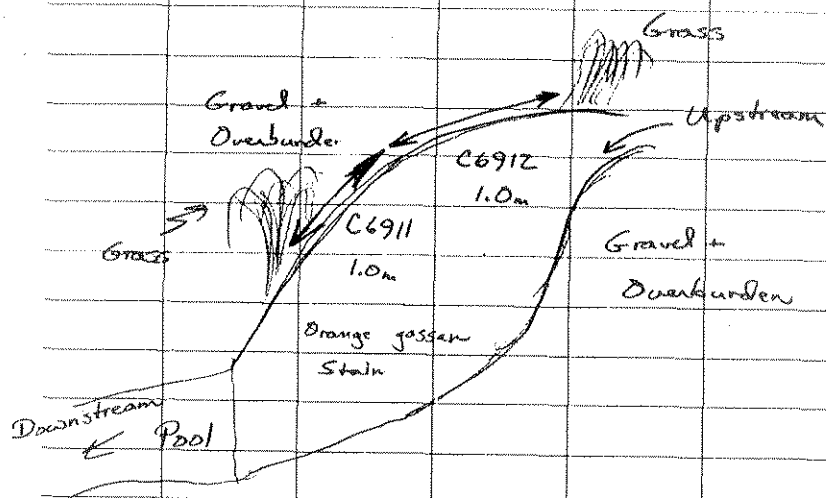
SAMPLE C6910 1.0m

Tied into Sample C6909

Immediately upstream. Location corresponds to Orange flag labelled 9211005

CAVE SHOWING

Looking West @ STREAM
outcrop below CAVE



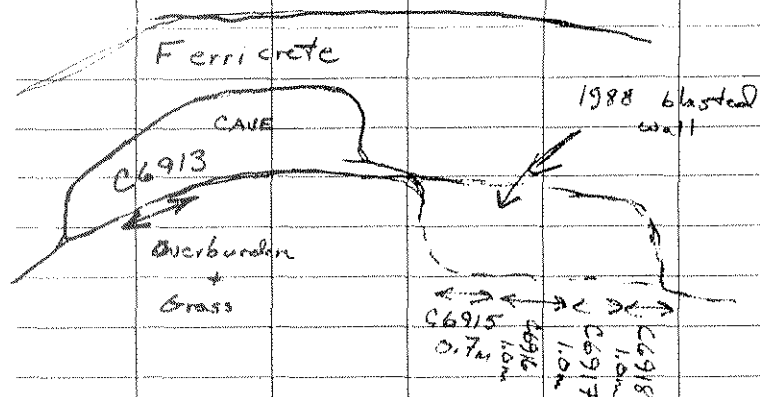
Two Samples - Both are same Unit

Dark gray, very hard, quartzite and/or siltstone.
Contains disseminated pyrite and pyrrhotite.
Rock surfaces totally coated with bright orange
gossan stain.

So (?) bedding 098/85N

CAVE SHOWING

Looking WEST at OUTCROP



SAMPLE C 6913 1.0m.

South margin of front of cave
1.0 m. interval in floor of cave.

Dark gray carbonaceous siltstone
Very hard (silicified). Weathers with
dark rust brown stain. Locally
medium gray and breaks with conchoidal
fracture.

No structure visible in outcrop

SAMPLE C6919 0.5m

Small stream of on west side
of stream. Orange-brown limonitic
stain seeping out over top of
outcrop.

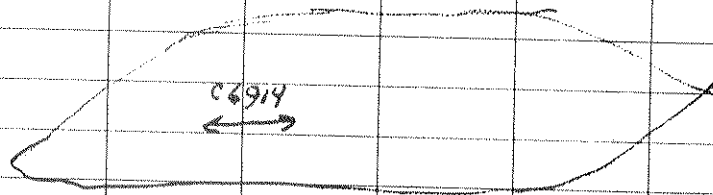
Dark gray thinly bedded argillite
Siliceous. Breaks along bedding 2-3cm
across. Weathers w/ dark rust brown
surface coating

So (?) 102/78N

CAVE SHALING

OUTCROP on West bank of
stream immediately downstream from
actual CAVE

looking WEST



SAMPLE C6914 - 1.0m between
Aurum flags 8812153 and 8812154
and near Aurum flag 9216-014

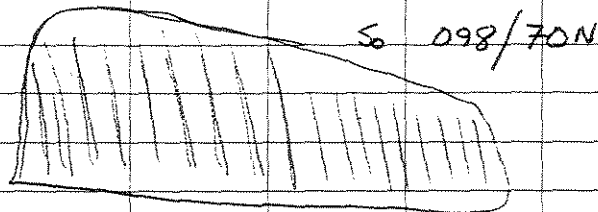
Dark gray, carbonaceous, silicified, siltstone.
Very strong red brown rust surface coating -
even on freshly exposed face. Contains 1/2
vein oriented nearly \perp to wall & So bedding

So bedding 075/725

Qtz vein 023/86W

Sample includes minor gouge and quartz vein

Trench W.M. Looking WEST



C6915 C6916 C6917 C6918

Downstream



Upstream



Extremely weathered orange brown, surface coating
Dark grey, siltstone
Also has dark brown Mn oxide staining
Outcrop very broken and crumbly

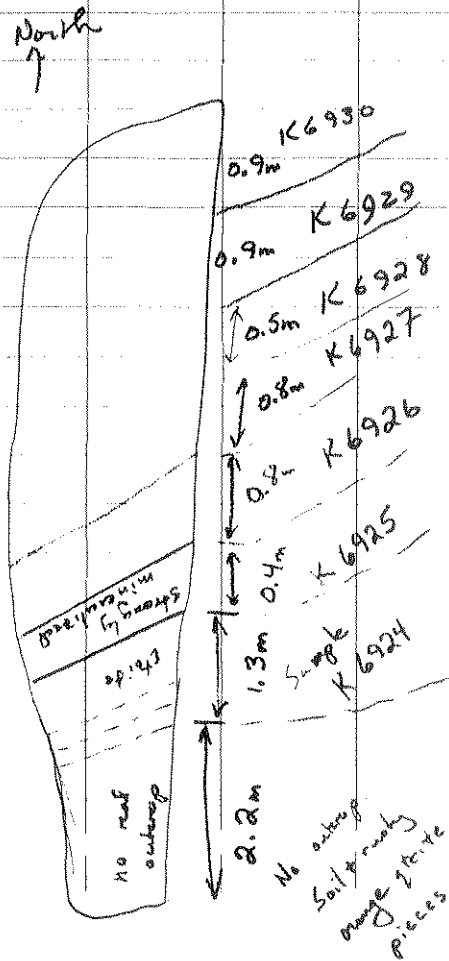
Will probably have poor analytical results

August 17 / 1993

Sampling of middle trench immediately east of line 64E / 9+00N.

Right near chopper pad cut out.

Trench 88-2
Trench looking West
Trench trends Compass 025



Interval Sample K-6924 1.3m

Interval 2.2-3.5m

Dark gray, siliceous sandstone. Weathers with orange brown and deep rust brown limonite + Mn-oxide staining. Bedding on scale of 10 cm or less.

Bedding 115/70N

Rock very hard (silicified?). As go toward next sample begin to see pale green, fine, radiating fibrous mineral developing in matrix. Also some galena specks.

Interval Sample K-6925 0.4m

Interval 3.5-3.9m

Strongly orange-brown, limonite-weathering zone. Bedding still visible in outcrop. 107/65N

Matrix consists of radiating, fine, pale green eucular crystals (actinolite / anthophyllite?)

Around the crystals is fine network of dark brown sphalerite (blackjack). Also have irregular aggregates of finely to medium x-line galena. Magnetic response indicates fine-grained pyrrhotite is present.

③

Radiating x'tals described above weather to a soft orange-brown. When fresh it is very hard

In edges of zone the green mineral becomes patchily developed. Galena occurs as disseminated specks. Most of matrix is very siliceous (i.e. hard) dark grey quartzite.

Strongly mineralized

SAMPLE K 6926 0.8m

Interval 3.9 - 4.7

So bedding 095/65N

Thick bedded quartzite variably replaced by pale green acicular radiating fibrous mineral. Locally contains galena, sphalerite (dark brown), pyrrhotite. Not as strongly mineralized as last interval. Weathers to a orange brown to deep rust brown. Where dominantly quartzite it is very hard, where dominantly green mineral it is very soft & punky

④

Sample K 6927 0.8m

Interval 4.7 - 5.5m

So bedding 112/60N

Medium gray, medium x'line, no quartzite (quartz sandstone) patchily replaced by zones of fibrous pale green mineral. No major sulphides. Weathers to a orange brown - only patchily stained. Several pieces test negative for pyrrhotite.

Sample K 6928 0.5m

Interval 5.5 - 6.0m

So bedding 115/80N

Dark gray, thin bedded quartzite with medium replacement by fine green acicular rosettes of amphibole. Weathers to orange-brown limonite colour. Noted some patches of sphalerite (black jack) dark brown. Hard & siliceous where dominantly quartzite.

(5)

Samples K 6929 0.9m

Interval 6.0 - 6.9m

So bedding 115/70N

Dark to medium grey, hard, siltstone
to sandstone. Dominantly quartz. Bedding
on scale of 10cm or so. Weathers paly
orange-brown limonite.

SAMPLE K 6930 0.9m

Interval 6.9 - 7.8m

Same unit as last interval.
Unmineralized

August 21 / 1993

L. Pigge ①

A. Bashforth

Sunny - no clouds. Cold in AM - soon warming up with sun.

Auger soil samples on line 63+00W - FRANCIS GRID

SOIL GEOCHEM LINE 63+00W

No slope correction required

STATION	COLOUR	COMPOSITION C-S-SA-G-O	DEPTH (m)	COMMENTS
11+00 S	orange brown	2-4-3-1-0	0.5	ash at top of hole
10+75 S	no sample			thick ash directly into coarse rounded pebble gravel. No penetration.
	Gravel	heavily diluted with ash.		
10+50 S	tan brown	1-4-2-3-0	0.5	40% ash dilution
10+25 S	pale tan	0-4-3-3-0	0.4	20% ash dilution
10+00 S	tan	0-4-5-1-0	0.4	10% ash dilution
9+75 S	brown	0-3-4-2-1	0.4	slight ash dilution
9+50 S	tan	0-4-4-2-0	0.4	25% ash dilution
9+25 S	grey brown	3-3-2-2-0	0.8	some limonite staining, no ash, N-facing slope
9+00 S	green grey brown	4-3-2-1-0	1.3	very wet, stopped at end of auger north facing slope no ash
8+75 S	green grey brown	4-3-2-1-0	0.6	no ash, slightly wet N-facing slope local minor limonite staining

FRANCOIS AREA - LINE 63+00W ②

STATION	COLOUR	COMPOSIT C-S-SA-G-O	DEPTH (m)	COMMENTS
8+50 S	grey brown	3-4-2-1-0	0.8	no ash, N-facing slope slightly wet
Encounter cut line @ 8+30 S				
7 m to east encounter picket 6275W/8+55 S				
Prepared drill site (cut for chopper) @ 62+00W/8+25 S				
Cut line does not appear to proceed further west beyond 63+00W				
8+25 S	brown	0-3-5-2-0	0.4	No ash, nearly flat, alders
8+00 S	green grey brown	5-3-2-0-0	1.0	nearly flat, alders
Encounter another cut line running with orientation 110° @ 8+00 S				
7+75 S	green grey brown	5-3-2-0-0	0.7	flat w/ alder, sample very cool
7+50 S	dark grey brown	5-3-2-0-0	0.8	flat w/ alder, stopped by permafrost. Thick organic layer
7+25 S	dark grey brown	5-3-2-0-0	0.6	stopped by permafrost flat - alder
Encounter cut line @ 7+30 S - orientation 110°				
7+00 S	tan brown	4-3-2-0-1	0.6	flat. Stopped by permafrost
6+75 S	green grey brown	5-4-1-0-0	0.8	flat w/ alder
6+50 S	dark green grey	4-2-4-0-0	1.3	very wet clay sand, stopped by auger limits
6+25 S	—	No SAMPLE	—	organics then permafrost

③

STATION	COLOUR	COMPOSIT	DEPTH	COMMENTS
6+00S	No SAMPLE	Organics then permafrost		
5+75S	No SAMPLE	Organics then permafrost		
5+50S	Dark brown	6-3-1-0-0 0.6		organics - ash - silt stopped by permafrost
5+25S	No SAMPLE	Organics then permafrost		
5+00S	No SAMPLE	Organics then permafrost		
At 5+05S	cross	slow-moving stream w/ limonite ferrirete coating		
4+75S	brown	3-2-4-1-0 0.6		South facing slope - sandy
4+50S	Dark brown	3-2-3-2-0 0.7		South facing slope
4+25S	Light brown	2-3-3-2-0 0.6		ridge top
4+00S	Green brown	3-3-3-1-0 0.6		north facing slope
3+75S	Grey green	4-2-3-1-0 0.65		gentle north facing slope
3+50S	Dark brown	4-2-1-1-2 0.7		flat slope
3+25S	No SAMPLE	Organics then permafrost		
3+00S	No SAMPLE	Organics → ash → permafrost flat slope		
2+75S	green grey brown	5-3-2-0-0 0.6		flat slope
2+50S	grey brown	4-3-2-0-1 0.55		flat slope
2+25S	No SAMPLE	Organics → minor ash → permafrost		
2+00S	No SAMPLE	Organics → permafrost		

④

STATION	COLOUR	COMPOSIT	DEPTH	COMMENTS
1+75S	No SAMPLE	Ash & organics		
	Organics → ash → organics → permafrost			
1+50S	No SAMPLE	Organics → ash → permafrost @ 0.5		
1+25S	Dark brown	5-1-1-0-3 0.4		flat slope
1+00S	Brown	4-1-1-0-4 0.6		stopped by permafrost
0+75S	Tan	0-3-5-2-0 0.35		10% ash dilution
0+50S	No SAMPLE	Organics → permafrost at 0.4m		
0+25S	Green-grey brown	1-3-4-2-0 0.7		small ridge trending 110° (E-W)
0+00	Green-grey brown	3-1-4-2-0 0.95		over cut line, flat slope wet & sandy
B/L				
CUT LINE @ 290m from last station				
A1 BASELINE AT 430 PM				
ARRIVE @ B/L 62+00W IN 32m travelling along cut line				

Tie line is along 10+00S

@ 58+00W - Survey pin in stump

@ 59+20W - Survey pin in stump

@ 59+23W - Claim Posts - 4

Sept 23, 1989	}	Post 2 - Nora 27?
		Post 2 - Nora 28
		Post 1 - Nora 29?
		Post 1 - Nora 77

@ 59+55W - east edge of lake

REPORT: V93-00854.0 (COMPLETE)

Case Grid

DATE PRINTED: 2-SEP-93

PROJECT: DROMEDARY

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
S1 L12+50E 6+00N		<0.2	44	22	211	S1 L13+50E 10+75N		<0.2	36	107	156
S1 L12+50E 6+25N		<0.2	40	12	228	S1 L13+50E 11+00N		0.6	33	90	232
S1 L12+50E 6+50N		<0.2	41	16	393	S1 L15+50E 6+00N		<0.2	49	89	305
S1 L12+50E 6+75N		0.4	53	39	309	S1 L15+50E 6+25N		<0.2	51	48	214
S1 L12+50E 7+00N		0.4	56	102	332	S1 L15+50E 6+50N		<0.2	44	58	170
S1 L12+50E 7+25N		<0.2	45	56	227	S1 L15+50E 6+75N		0.6	61	36	233
S1 L12+50E 7+50N		<0.2	43	20	165	S1 L15+50E 7+00N		0.4	40	90	307
S1 L12+50E 7+75N		<0.2	19	222	102	S1 L15+50E 7+25N		0.4	23	58	315
S1 L12+50E 8+00N		<0.2	33	61	110	S1 L15+50E 7+50N		1.9	22	1973	1449
S1 L12+50E 8+25N		<0.2	39	121	134	S1 L15+50E 7+75N		4.4	102	976	3661
S1 L12+50E 8+50N		<0.2	71	23	170	S1 L15+50E 8+00N		0.5	35	153	381
S1 L12+50E 8+75N		<0.2	28	78	147	S1 L15+50E 8+25N		0.2	14	69	918
S1 L12+50E 9+00N		<0.2	33	114	117	S1 L15+50E 8+50N		<0.2	13	43	587
S1 L12+50E 9+25N		0.7	37	194	154	S1 L15+50E 9+25N		<0.2	12	20	378
S1 L12+50E 9+50N		0.9	21	45	144	S1 L15+50E 9+50N		1.7	105	25	751
S1 L12+50E 9+75N		<0.2	46	110	160	S1 L15+50E 9+75N		0.3	61	53	537
S1 L12+50E 10+00N		0.3	28	19	196	S1 L15+50E 10+00N		0.4	43	128	364
S1 L12+50E 10+25N		0.3	45	35	170	S1 L15+50E 10+25N		0.9	49	187	435
S1 L12+50E 10+50N		0.7	274	17	222	S1 L15+50E 10+50N		<0.2	23	210	414
S1 L12+50E 10+75N		<0.2	38	46	173	S1 L15+50E 10+75N		0.6	32	149	243
S1 L12+50E 11+00N		<0.2	9	37	119	S1 L15+50E 11+00N		<0.2	32	136	249
S1 L13+50E 6+00N		0.3	46	60	218	S1 L16+50E 6+00N		<0.2	20	9	70
S1 L13+50E 6+25N		0.4	45	106	270	S1 L16+50E 6+25N		<0.2	40	16	94
S1 L13+50E 6+50N		0.2	42	58	222	S1 L16+50E 6+50N		0.9	58	15	180
S1 L13+50E 6+75N		<0.2	29	83	445	S1 L16+50E 6+75N		0.4	30	21	105
S1 L13+50E 7+00N		0.3	38	78	269	S1 L16+50E 7+00N		<0.2	17	19	102
S1 L13+50E 7+25N		<0.2	31	37	137	S1 L16+50E 7+25N		0.3	21	36	121
S1 L13+50E 7+50N		0.2	36	217	321	S1 L16+50E 7+50N		<0.2	23	72	259
S1 L13+50E 7+75N		<0.2	40	33	105	S1 L16+50E 7+75N		<0.2	24	80	140
S1 L13+50E 8+00N		<0.2	30	26	95	S1 L16+50E 8+00N		<0.2	23	46	165
S1 L13+50E 8+25N		<0.2	45	49	192	S1 L16+50E 8+25N		0.5	11	123	131
S1 L13+50E 8+50N		<0.2	43	36	149	S1 L16+50E 8+50N		0.8	26	269	162
S1 L13+50E 8+75N		0.3	46	84	273	S1 L16+50E 8+75N		0.4	37	679	707
S1 L13+50E 9+00N		<0.2	29	101	160	S1 L16+50E 9+00N		<0.2	18	117	381
S1 L13+50E 9+25N		0.6	46	173	591	S1 L16+50E 9+25N		<0.2	20	159	226
S1 L13+50E 9+50N		0.4	46	57	277	S1 L16+50E 9+50N		<0.2	25	129	164
S1 L13+50E 9+75N		0.2	28	73	377	S1 L16+50E 9+75N		<0.2	17	54	362
S1 L13+50E 10+00N		<0.2	15	73	139	S1 L16+50E 10+00N		<0.2	34	59	198
S1 L13+50E 10+25N		<0.2	23	97	154	S1 L16+50E 10+25N		<0.2	25	59	160
S1 L13+50E 10+50N		0.5	29	136	251	S1 L16+50E 10+50N		<0.2	25	41	136

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
S1 L16+50E 10+75N		<0.2	22	25	107	S1 L74+00E 10+50N		<0.2	28	48	135
S1 L16+50E 11+00N		<0.2	30	49	156	S1 L74+00E 10+75N		<0.2	11	80	98
S1 L73+00E 7+00N		<0.2	32	112	190	S1 L74+00E 11+25N		0.8	14	270	129
S1 L73+00E 7+50N	<i>Kal</i>	<0.2	24	18	128	S1 L74+00E 11+50N		<0.2	22	59	90
S1 L73+00E 7+75N		<0.2	23	22	260	S1 L74+00E 11+75N		<0.2	32	16	86
S1 L73+00E 8+00N		<0.2	46	40	463	S1 L74+00E 12+00N		<0.2	20	15	72
S1 L73+00E 8+25N		<0.2	31	35	213						
S1 L73+00E 8+50N		<0.2	44	50	186						
S1 L73+00E 8+75N		<0.2	29	43	126						
S1 L73+00E 9+00N		<0.2	27	22	151						
S1 L73+00E 9+25N		<0.2	18	13	99						
S1 L73+00E 9+50N		<0.2	19	16	87						
S1 L73+00E 9+75N		<0.2	20	55	105						
S1 L73+00E 10+00N		<0.2	23	34	99						
S1 L73+00E 10+25N		<0.2	19	100	195						
S1 L73+00E 10+50N		<0.2	22	106	225						
S1 L73+00E 10+75N		<0.2	19	34	121						
S1 L73+00E 11+00N		<0.2	23	128	208						
S1 L73+00E 11+25N		<0.2	28	158	232						
S1 L73+00E 11+50N		<0.2	29	29	98						
S1 L73+00E 11+75N		<0.2	25	18	86						
S1 L73+00E 12+00N		<0.2	17	13	75						
S1 L73+00E 12+25N		<0.2	21	41	205						
S1 L73+00E 12+50N		<0.2	15	24	420						
S1 L73+00E 12+75N		<0.2	17	15	99						
S1 L73+00E 13+00N		<0.2	17	14	137						
S1 L74+00E 7+00N		<0.2	37	41	488						
S1 L74+00E 7+25N		<0.2	25	20	127						
S1 L74+00E 7+50N		<0.2	12	27	133						
S1 L74+00E 7+75N		<0.2	12	38	150						
S1 L74+00E 8+00N		<0.2	11	25	125						
S1 L74+00E 8+25N		<0.2	35	47	104						
S1 L74+00E 8+50N		<0.2	22	33	95						
S1 L74+00E 8+75N		<0.2	11	318	98						
S1 L74+00E 9+00N		<0.2	13	729	378						
S1 L74+00E 9+25N		<0.2	29	106	101						
S1 L74+00E 9+50N		<0.2	32	71	147						
S1 L74+00E 9+75N		<0.2	18	43	420						
S1 L74+00E 10+00N		<0.2	25	29	105						
S1 L74+00E 10+25N		<0.2	25	62	172						

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STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
BCC GEOCHEM STD 3		7.9	750	206	449						
BCC GEOCHEM STD 3		4.2	860	214	491						
Number of Analyses		2	2	2	2						
Mean Value		6.01	805.2	209.9	469.9						
Standard Deviation		2.619	77.84	6.13	29.44						

Accepted Value 5.0 820 250 500

ANALYTICAL BLANK		<0.2	<1	<2	<1
ANALYTICAL BLANK		<0.2	<1	<2	<1
ANALYTICAL BLANK		<0.2	<1	<2	<1
ANALYTICAL BLANK		<0.2	<1	<2	<1
Number of Analyses		4	4	4	4

Mean Value		0.10	0.5	1.0	0.5
Standard Deviation		<0.001	<0.01	<0.01	<0.01
Accepted Value		0.2	1	2	1

BCC GEOCHEM STD 2		32.1	182	13	49
Number of Analyses		1	1	1	1
Mean Value		32.06	181.7	12.6	49.1
Standard Deviation		-	-	-	-
Accepted Value		34.0	190	15	62

BCC GEOCHEM STD 4		<0.2	334	35	273
Number of Analyses		1	1	1	1
Mean Value		0.10	333.7	35.0	273.3
Standard Deviation		-	-	-	-
Accepted Value		0.5	290	33	255

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
L12+50E 7+00N		0.4	56	102	332						
Duplicate		0.5	58	114	339						
L13+50E 6+00N		0.3	46	60	218						
Duplicate		0.3	46	59	220						
L13+50E 11+00N		0.6	33	90	232						
Duplicate		0.6	33	90	229						
L15+50E 10+50N		<0.2	23	210	414						
Duplicate		0.3	23	214	417						
L16+50E 10+25N		<0.2	25	59	160						
Duplicate		<0.2	24	66	160						
L73+00E 10+50N		<0.2	22	106	225						
Duplicate		<0.2	21	101	219						
L74+00E 9+25N		<0.2	29	106	101						
Duplicate		<0.2	29	102	100						

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM	
S1 L63+00W 0+00BL		<0.2	38	12	113	0.043	Fv
S1 L63+00W 0+25S		<0.2	54	11	91	0.075	
S1 L63+00W 0+75S		<0.2	21	9	115	<0.010	
S1 L63+00W 1+00S		<0.2	26	13	89	0.036	
S1 L63+00W 1+25S		<0.2	27	9	70	0.096	
S1 L63+00W 2+50S		<0.2	26	12	88	0.047	
S1 L63+00W 2+75S		<0.2	48	14	130	0.091	
S1 L63+00W 3+50S		<0.2	47	11	131	0.082	
S1 L63+00W 3+75S		1.9	120	12	285	0.406	
S1 L63+00W 4+00S		<0.2	41	13	116	0.043	
S1 L63+00W 4+25S		<0.2	49	13	98	0.077	
S1 L63+00W 4+50S		1.0	85	17	149	0.235	
S1 L63+00W 4+75S		0.6	67	12	133	0.218	
S1 L63+00W 6+50S		0.3	54	21	161	0.107	
S1 L63+00W 6+75S		<0.2	44	12	111	0.052	
S1 L63+00W 7+00S		<0.2	21	14	97	0.026	
S1 L63+00W 7+25S		<0.2	31	8	115	0.045	
S1 L63+00W 7+50S		<0.2	38	14	163	0.068	
S1 L63+00W 7+75S		<0.2	45	15	149	0.081	
S1 L63+00W 8+00S		<0.2	58	16	136	0.087	
S1 L63+00W 8+25S		<0.2	34	10	127	0.064	
S1 L63+00W 8+50S		<0.2	44	11	108	0.097	
S1 L63+00W 8+75S		<0.2	52	15	111	0.099	
S1 L63+00W 9+00S		<0.2	59	13	158	0.146	
S1 L63+00W 9+25S		<0.2	67	17	131	0.363	
S1 L63+00W 9+50S		<0.2	20	7	68	<0.010	
S1 L63+00W 9+75S		<0.2	18	6	63	0.012	
S1 L63+00W 10+00S		<0.2	17	10	84	<0.010	
S1 L63+00W 10+25S		<0.2	17	5	58	<0.010	
S1 L63+00W 10+50S		<0.2	17	5	73	<0.010	
S1 L63+00W 11+00S		<0.2	28	8	86	0.014	
S1 L67+00W 5+50S		<0.2	52	15	133	0.118	
S1 L67+00W 5+75S		<0.2	55	17	119	0.092	
S1 L67+00W 6+00S		<0.2	58	13	122	0.120	
S1 L67+00W 6+25S		<0.2	55	16	124	0.101	
S1 L67+00W 6+50S		<0.2	55	12	127	0.125	
S1 L67+00W 6+75S		<0.2	18	19	106	0.050	
S1 L67+00W 7+00S		<0.2	26	16	130	0.066	
S1 L67+00W 8+00S		<0.2	45	11	143	0.080	
S1 L67+00W 8+25S		<0.2	40	14	122	0.121	

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM
S1 L67+00W 8+50S		<0.2	39	9	102	0.095
S1 L67+00W 8+75S		<0.2	47	11	137	0.105
S1 L67+00W 9+00S		<0.2	37	11	133	0.050
S1 L67+00W 9+25S		<0.2	40	12	125	0.092
S1 L67+00W 9+50S		<0.2	40	11	103	0.038
S1 L67+00W 9+75S		<0.2	38	10	92	0.061
S1 L67+00W 10+00S		<0.2	47	15	127	0.089
S1 L67+00W 10+25S		<0.2	54	16	123	0.127
S1 L67+00W 10+50S		<0.2	50	12	122	0.104
S1 L67+00W 10+75S		<0.2	60	18	142	0.176
S1 L67+00W 11+00S		<0.2	50	11	115	0.084
S1 L68+00W 5+50S		<0.2	57	15	129	0.056
S1 L68+00W 5+75S		<0.2	51	14	144	0.126
S1 L68+00W 6+00S		<0.2	55	13	234	0.165
S1 L68+00W 6+25S		<0.2	25	11	106	0.021
S1 L68+00W 6+50S		<0.2	29	10	101	0.047
S1 L68+00W 6+75S		<0.2	32	15	79	0.018
S1 L68+00W 7+75S		<0.2	33	10	95	0.063
S1 L68+00W 9+00S		<0.2	21	9	80	0.030
S1 L68+00W 9+25S		<0.2	46	13	94	0.084
S1 L68+00W 9+50S		<0.2	31	11	104	0.052
S1 L68+00W 9+75S		<0.2	52	11	132	0.081
S1 L68+00W 10+00S		<0.2	47	12	153	0.094
S1 L68+00W 10+25S		<0.2	42	9	106	0.111
S1 L68+00W 10+50S		<0.2	30	6	86	0.070
S1 L68+00W 10+75S		<0.2	18	7	80	0.021
S1 L68+00W 11+00S		<0.2	21	11	105	0.022
S1 L68+00W 11+25S		<0.2	47	13	98	0.096
S1 L68+00W 11+50S		<0.2	34	11	84	0.032

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STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM
BCC GEOCHEM STD 2		32.1	202	15	59	0.067
Number of Analyses		1	1	1	1	1
Mean Value		32.11	202.0	15.4	59.2	0.0665
Standard Deviation		-	-	-	-	-
Accepted Value		34.0	190	15	62	0.066

ANALYTICAL BLANK		<0.2	<1	<2	<1	<0.010
ANALYTICAL BLANK		<0.2	1	<2	<1	<0.010
Number of Analyses		2	2	2	2	2
Mean Value		0.10	0.8	1.0	0.5	0.0050
Standard Deviation		<0.001	0.38	<0.01	<0.01	<.00001
Accepted Value		0.2	1	2	1	0.010

BCC GEOCHEM STD 4		0.5	306	35	258	0.028
Number of Analyses		1	1	1	1	1
Mean Value		0.50	306.0	35.0	258.0	0.0276
Standard Deviation		-	-	-	-	-
Accepted Value		0.5	290	33	255	0.030

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM
L63+00W 3+75S		1.9	120	12	285	0.406
Duplicate		1.8	116	9	283	0.423
L63+00W 9+50S		<0.2	20	7	68	<0.010
Duplicate		<0.2	19	6	64	0.013
L67+00W 9+75S		<0.2	38	10	92	0.061
Duplicate		<0.2	47	15	96	0.072
L68+00W 10+00S		<0.2	47	12	153	0.094
Duplicate		<0.2	46	10	149	0.090

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
R2 C4451		0.3	43	17	128
R2 C4452		0.3	6	169	2052
R2 C4453		0.2	5	361	5048
R2 C6901		<0.2	13	91	1318
R2 C6902		4.6	65	2406	398
R2 C6903		2.8	13	755	121
R2 C6904		3.3	6	834	163
R2 C6905		0.5	11	665	991
R2 C6906		1.4	7	1175	2295
R2 C6907		0.6	12	695	2985
R2 C6908		1.1	6	812	1524
R2 C6909		1.2	11	1011	551
R2 C6910		0.4	6	455	625
R2 C6911		<0.2	77	211	3163
R2 C6912		0.5	69	266	4504
R2 C6913		2.2	18	701	293
R2 C6914		0.7	123	571	540
R2 C6915		0.9	26	665	340
R2 C6916		<0.2	11	59	375
R2 C6917		<0.2	15	247	269
R2 C6918		0.6	33	109	549
R2 C6919		0.7	138	42	1148
R2 K6920		0.7	108	491	1028
R2 K6921		2.2	84	463	88
R2 K6922		<0.2	6	98	507
R2 K6923		0.4	19	1157	418
R2 K6924		13.3	23	7831	2435
R2 K6925		24.7	51	>10000	19401
R2 K6926		17.9	23	7365	3816
R2 K6927		5.5	24	7916	2411
R2 K6928		7.6	13	2988	1651
R2 K6929		3.4	7	1091	883
R2 K6930		3.9	9	1821	922
R2 K6931		11.6	20	6730	2359
R2 K6932		23.2	48	>10000	1715
R2 K6933		26.5	13	>10000	3589

R1c change

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STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
BCC GEOCHEM STD 4		<0.2	-	35	289
Number of Analyses		1	-	1	1
Mean Value		0.10	-	35.4	288.8
Standard Deviation		-	-	-	-
Accepted Value		0.5	290	33	255

ANALYTICAL BLANK		<0.2	<1	<2	<1
ANALYTICAL BLANK		<0.2	<1	<2	<1
Number of Analyses		2	2	2	2
Mean Value		0.10	0.5	1.0	0.5
Standard Deviation		<0.001	<0.01	<0.01	<0.01
Accepted Value		0.2	1	2	1

BCC GEOCHEM STD 3		8.1	793	189	455
Number of Analyses		1	1	1	1
Mean Value		8.14	792.7	189.2	454.8
Standard Deviation		-	-	-	-
Accepted Value		5.0	820	250	500

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM
C6901		<0.2	13	91	1318
Duplicate		<0.2	13	89	1320
C6918		0.6	33	109	549
Duplicate		0.6		100	564
K6922		<0.2	6	98	507
Prep Duplicate		<0.2	7		564

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SAMPLE NUMBER	ELEMENT UNITS	Pb PCT
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RK Chip.

R2 K6925		1.68
R2 K6932		1.62
R2 K6933		1.39

1993

DROMEDARY MOUNTAIN OPTION

APPENDIX B: MAGNETIC DATA

A OMNI-IV Tie-line MAG Ser #255138
 TOTAL FIELD DATA (Base stn. corrected)
 Date: 11 AUG 93
 Operator: 3000
 Reference field: 57800.0
 Datum subtracted: 0.0
 Records: 19
 Bat: 16.1 Volt Lithium: 3.50 Volt
 Last time update: 8/11 10:09:00
 Start of print: 8/11 19:41:23

Base stn. Pos: 930 Line: 1300
 Last time update: 8/11 10:09:00
 Start of print: 8/11 19:41:23

CAVE

Line:	1400	Date:	11 AUG 93	#1
POSITION	FIELD	ERR	DRIFT	TIME DS
1100	57782.7	.05	54.3	11:34:03 88
1075	57789.0	.06	53.7	11:37:19 88
1050	57828.9	.06	52.3	11:39:59 88
1025	57734.5	.06	53.0	11:42:34 88
1000	57758.7	.08	54.1	11:44:40 88
975	57758.2	.08	54.5	11:46:54 88
950	57719.6	.08	54.2	11:49:23 88
925	57758.4	.07	0.0	11:52:19 88
900	57824.1	.11	0.0	11:55:29 88
875	57819.7	.10	0.0	12:08:37 88
850	57761.8	.07	0.0	12:30:50 88
825	57742.0	.09	0.0	12:32:04 88
800	57705.6	.05	0.0	13:22:06 88
775	57689.9	.08	0.0	13:25:30 88
750	57782.5	.11	0.0	13:27:33 88
725	57849.2	.14	0.0	13:31:28 88
700	58264.5	.11	0.0	14:20:10 88
675	57722.9	.07	0.0	14:56:24 88
650	57729.9	.08	0.0	14:58:42 88

Line:	0	Date:	11 AUG 93	#20
POSITION	FIELD	ERR	DRIFT	TIME DS
0	0.0	.00	0.0	0:00:00 0
	0.0			

EOF

EDA OMNI-IV Tie-line MAG Ser #255138
 TOTAL FIELD DATA (Base stn. corrected)
 Date: 15 AUG 93
 Operator: 3000
 Reference field: 57800.0
 Datum subtracted: 0.0
 Records: 39
 Bat: 15.8 Volt Lithium: 3.50 Volt
 Last time update: 8/15 14:05:00
 Start of print: 8/15 16:23:32

Base stn. Pos: 930 Line: -1300
 Last time update: 8/15 14:05:00
 Start of print: 8/15 16:23:32

CAVE (along creek; see 1:1000 geology map)

Line:	0	Date:	15 AUG 93	#1	
POSITION	FIELD	ERR	DRIFT	TIME	DS
0	57697.6	.05	78.3	14:47:15	88
10	57617.8	.05	87.4	14:48:21	88
20	57603.5	.05	77.3	14:49:10	88
30	57601.9	.06	72.5	14:50:13	88
40	57615.8	.06	88.7	14:51:31	88
50	57630.7	.05	74.2	14:52:46	88
60	57654.0	.06	73.5	14:53:37	88
70	57637.6	.07	74.3	14:54:27	88
80	57630.4	.06	74.0	14:55:33	88
90	57613.9	.05	75.3	14:56:40	88
100	57612.6	.05	70.7	14:58:58	88
110	57595.7	.06	82.8	15:00:44	88
120	57573.5	.06	83.4	15:01:42	88
130	57464.1	.06	59.3	15:02:41	88
140	57920.1	.06	78.0	15:04:45	88
150	57513.6	.07	77.1	15:06:37	88
160	57589.1	.05	65.9	15:07:42	88
170	57667.1	.05	64.0	15:08:28	88
180	57673.8	.06	67.1	15:08:58	88
190	57722.6	.06	75.9	15:09:37	88
200	57809.1	.05	80.8	15:10:10	88
210	57529.0	.06	78.3	15:11:08	88
220	57577.6	.06	71.6	15:13:25	88
230	57609.3	.05	78.5	15:14:35	88
240	57620.0	.05	80.2	15:15:22	88
250	57630.7	.05	76.6	15:16:18	88
260	57620.6	.05	77.9	15:17:29	88
270	57610.7	.05	85.1	15:18:21	88
280	57605.8	.05	91.4	15:19:27	88
290	57653.0	.05	92.2	15:20:58	88
300	57687.9	.05	89.8	15:22:34	88
310	57655.5	.05	101.3	15:23:56	88
320	57660.7	.05	97.6	15:24:56	88
330	57680.1	.05	98.3	15:25:48	88
340	57737.9	.05	97.1	15:26:38	88
350	57762.2	.06	98.0	15:27:32	88

360	57778.0	.06	109.6	15:28:38	88
370	57733.5	.05	111.6	15:29:29	88
380	57640.2	.06	111.8	15:30:37	88

EOF

00:00:00 0.0 -51.2-57800.0 #33

EDA OMNI-IV Tie-line MAG Ser #255138
TOTAL FIELD DATA (Base stn. corrected)

Date: 21 AUG 93

Operator: 3000

Reference field: 57800.0

Datum subtracted: 0.0

Records: 135

Bat: 16.2 Volt Lithium: 3.50 Volt

Last time update: 8/21 10:12:00

Start of print: 8/21 21:01:35

Base stn. Pos: -1100 Line: -4800

Last time update: 8/21 10:12:00

Start of print: 8/21 21:01:35

FRANCOIS

Line: -6500 Date: 21 AUG 93 #1

POSITION	FIELD	ERR	DRIFT	TIME	DS
-1100	58157.4	.06	0.0	12:39:04	88
-1075	58181.8	.06	0.0	12:41:39	88
-1050	58226.9	.06	0.0	12:43:56	88
-1025	58278.6	.06	0.0	12:46:28	88
-1000	58342.8	.07	0.0	12:49:06	88
-975	58367.3	.06	0.0	12:51:56	88
-950	58300.6	.06	0.0	12:54:29	88
-925	58261.9	.06	0.0	12:56:52	88
-900	58225.3	.06	0.0	12:58:48	88
-875	58279.7	.07	0.0	13:01:54	88
-850	58225.5	.08	0.0	13:04:39	88
-825	58097.9	.07	0.0	13:07:50	88
-800	58028.1	.10	0.0	13:09:54	88
-775	58038.4	.06	0.0	13:12:50	88
-750	58037.0	.07	0.0	13:15:19	88
-725	57952.8	.05	0.0	13:17:35	88
-700	57856.8	.05	0.0	13:20:56	88
-675	57827.6	.06	0.0	13:23:20	88
-650	57832.5	.05	0.0	13:25:30	88
-625	57931.2	.04	0.0	13:27:48	88
-600	57861.3	.05	0.0	13:30:05	88
-575	57834.5	.06	0.0	13:33:17	88

-550	57846.3	.05	0.0	13:36:02	88
-525	57866.0	.06	0.0	13:40:34	88
-500	57847.3	.05	0.0	13:43:40	88
-475	57850.5	.05	0.0	13:46:07	88
-450	57850.5	.06	0.0	13:50:52	88
-425	57864.0	.05	0.0	13:54:36	88
-400	57872.1	.05	0.0	13:57:09	88
-375	57879.6	.05	0.0	14:00:58	88
-350	57886.8	.05	0.0	14:03:58	88
-325	57897.2	.05	0.0	14:07:00	88
-300	57905.1	.05	0.0	14:09:18	88
-275	57911.4	.05	0.0	14:11:23	88
-250	57917.0	.05	0.0	14:13:36	88
-225	57926.4	.05	0.0	14:15:45	88
-200	57947.1	.06	0.0	14:17:51	88
-175	57961.3	.04	0.0	14:19:59	88
-150	57941.9	.05	0.0	14:23:00	88
-125	57929.9	.06	0.0	14:26:24	88
-100	57928.4	.05	0.0	14:29:33	88
-75	57931.0	.05	0.0	14:32:24	88
-50	57930.9	.05	0.0	14:35:00	88
-25	57931.6	.06	0.0	14:37:50	88
0	57933.5	.06	0.0	14:40:40	88

FRANCOIS

Line: -6400 Date: 21 AUG 93 #46

POSITION	FIELD	ERR	DRIFT	TIME	DS
0	57928.4	.06	0.0	15:08:09	88
-25	57928.7	.06	0.0	15:09:46	88
-50	57933.8	.06	0.0	15:10:30	88
-75	57935.2	.05	0.0	15:11:26	88
-100	57937.1	.04	0.0	15:12:08	88
-125	57934.5	.05	0.0	15:12:56	88
-150	57940.5	.05	0.0	15:13:36	88
-175	57937.3	.05	0.0	15:14:19	88
-200	57941.0	.05	0.0	15:15:53	88
-225	57938.8	.06	0.0	15:17:59	88
-250	57929.9	.05	0.0	15:19:03	88
-275	57927.2	.05	0.0	15:21:00	88
-300	57923.6	.06	0.0	15:24:40	88
-325	57917.1	.05	0.0	15:26:05	88
-350	57906.3	.07	0.0	15:26:45	88
-375	57893.4	.05	0.0	15:27:34	88
-400	57883.8	.05	0.0	15:28:17	88
-425	57877.8	.05	0.0	15:29:01	88
-450	57866.6	.05	0.0	15:29:40	88
-475	57851.7	.06	0.0	15:30:18	88
-500	57837.4	.06	0.0	15:31:03	88
-525	57823.7	.05	0.0	15:31:57	88
-550	57807.0	.06	0.0	15:32:35	88
-575	57819.0	.06	0.0	15:33:25	88
-600	57819.6	.05	0.0	15:34:08	88
-625	57799.5	.05	0.0	15:34:53	88
-650	57769.4	.06	0.0	15:35:43	88
-675	57823.4	.05	0.0	15:36:38	88
-700	58077.3	.05	0.0	15:38:30	88
-725	58332.9	.08	0.0	15:39:29	88
-750	58389.8	.06	0.0	15:40:15	88
-775	58222.0	.07	0.0	15:41:38	88
-800	58186.2	.07	0.0	15:43:14	88
-825	58494.0	.06	0.0	15:51:55	88

000	50380.0	.06	0.0	15:52:40	88
-875	58667.6	.06	0.0	15:53:19	88
-900	58469.0	.07	0.0	15:54:11	88
-925	58304.1	.07	0.0	15:54:58	88
-950	58287.3	.07	0.0	15:56:08	88
-975	58260.0	.07	0.0	15:56:31	88
-1000	58214.0	.07	0.0	15:57:10	88
-1025	58165.2	.08	0.0	15:57:54	88
-1050	58149.2	.08	0.0	15:58:20	88
-1075	58155.8	.08	0.0	15:58:52	88
-1100	58160.1	.07	0.0	15:59:28	88

FRANCOIS

Line:	-6300	Date:	21 AUG 93	#91		
POSITION	FIELD	ERR	DRIFT	TIME	DS	
-1100	58177.6	.07	0.0	16:01:18	88	
-1075	58176.1	.07	0.0	16:01:55	88	
-1050	58173.9	.06	0.0	16:02:24	88	
-1025	58189.8	.07	0.0	16:02:55	88	
-1000	58229.4	.07	0.0	16:03:54	88	
-975	58295.7	.07	0.0	16:04:46	88	
-950	58374.9	.07	0.0	16:05:38	88	
-925	58446.0	.07	0.0	16:06:18	88	
-900	58679.9	.06	0.0	16:06:57	88	
-875	58937.3	.05	0.0	16:07:55	88	
-850	58479.4	.07	0.0	16:08:30	88	
-825	58501.2	.07	0.0	16:09:01	88	
-800	58434.5	.06	0.0	16:09:54	88	
-775	58689.2	.06	0.0	16:10:49	88	
-750	59102.9	.07	0.0	16:11:25	88	
-725	59107.6	.05	0.0	16:12:11	88	
-700	59406.9	.05	0.0	16:12:53	88	
-675	59148.7	.05	0.0	16:13:29	88	
-650	57836.5	.05	0.0	16:14:10	88	
-625	57678.6	.06	0.0	16:14:38	88	
-600	57709.6	.06	0.0	16:15:12	88	
-575	57754.6	.05	0.0	16:16:24	88	
-550	57788.2	.06	0.0	16:17:17	88	
-525	57821.8	.06	0.0	16:17:53	88	
-500	57840.5	.05	0.0	16:19:34	88	
-475	57848.1	.05	0.0	16:20:27	88	
-450	57875.6	.06	0.0	16:21:05	88	
-425	57888.3	.05	0.0	16:21:35	88	
-400	57896.5	.06	0.0	16:22:05	88	
-375	57905.2	.05	0.0	16:22:42	88	
-350	57916.2	.05	0.0	16:23:17	88	
-325	57922.2	.04	0.0	16:23:52	88	
-300	57932.5	.06	0.0	16:24:26	88	
-275	57941.1	.05	0.0	16:25:01	88	
-250	57946.0	.05	0.0	16:25:41	88	
-225	57949.1	.05	0.0	16:26:15	88	
-200	57957.6	.05	0.0	16:26:49	88	
-175	57959.1	.05	0.0	16:27:24	88	
-150	57958.0	.05	0.0	16:27:59	88	
-125	57951.9	.05	0.0	16:28:45	88	
-100	57953.3	.05	0.0	16:30:02	88	
-75	57949.9	.05	0.0	16:30:43	88	
-50	57952.8	.05	0.0	16:31:22	88	
-25	57955.3	.05	0.0	16:32:02	88	
0	57953.8	.05	0.0	16:33:07	88	

EDA OMNI-IV Tie-line MAG Ser #255138
 TOTAL FIELD DATA (uncorrected)
 Date: 23 AUG 93
 Operator: 3000
 Reference field: 57800.0
 Datum subtracted: 0.0
 Records: 51
 Bat: 16.1 Volt Lithium: 3.50 Volt
 Last time update: 8/23 8:43:00
 Start of print: 8/23 17:51:27

s: -1100 Date: 23 AUG 93 #1
 Tie-Line FIELD ERR DRIFT TIME DS
 -6700 58232.9T.06 0.0 13:43:13 88
 FRANCOIS

Line: -6700 Date: 23 AUG 93 #2
 POSITION FIELD ERR DRIFT TIME DS
 -1075 58267.8 .06 0.0 13:44:58 88
 -1050 58245.0 .06 0.0 13:45:42 88
 -1025 58273.9 .07 0.0 13:46:20 88
 -1000 58261.2 .07 0.0 13:46:59 88
 -975 58253.9 .07 0.0 13:47:33 88
 -950 58256.2 .08 0.0 13:48:04 88
 -925 58272.7 .07 0.0 13:48:49 88
 -900 58244.0 .08 0.0 13:49:34 88
 -875 58190.3 .07 0.0 13:50:30 88
 -850 58179.3 .07 0.0 13:51:16 88
 -825 58243.0 .07 0.0 13:51:54 88
 -800 58393.7 .06 0.0 13:52:43 88
 -775 58428.4 .07 0.0 13:53:17 88
 -750 57964.7 .07 0.0 13:53:50 88
 -725 57827.6 .05 0.0 13:54:30 88
 -700 57822.7 .06 0.0 13:55:11 88
 -675 57831.7 .05 0.0 13:55:50 88
 -650 57844.0 .05 0.0 13:56:56 88
 -625 57858.5 .06 0.0 13:57:43 88
 -600 57899.7 .05 0.0 13:59:26 88
 -575 57950.5 .06 0.0 14:00:21 88
 -550 58005.2 .08 0.0 14:01:38 88

Line: -6800 Date: 23 AUG 93 #24

POSITION	FIELD	ERR	DRIFT	TIME	DS
-550	57889.3	.05	0.0	14:06:40	88
-575	57893.5	.05	0.0	14:07:47	88
-600	57866.4	.06	0.0	14:08:42	88
-625	57836.0	.05	0.0	14:09:25	88
-650	57832.0	.06	0.0	14:10:48	88
-675	57829.5	.05	0.0	14:12:55	88
-700	57807.1	.06	0.0	14:13:47	88
-725	57788.2	.06	0.0	14:14:24	88
-750	57816.4	.06	0.0	14:15:00	88
-775	58287.1	.06	0.0	14:15:44	88
-800	58455.7	.06	0.0	14:16:25	88
-825	58565.1	.06	0.0	14:17:02	88
-850	58377.8	.06	0.0	14:17:48	88
-875	58277.7	.07	0.0	14:18:30	88
-900	58251.9	.07	0.0	14:20:32	88
-925	58232.9	.07	0.0	14:22:09	88
-950	58265.5	.05	0.0	14:22:57	88
-975	58301.5	.06	0.0	14:23:52	88
-1000	58358.6	.06	0.0	14:25:02	88
-1025	58405.0	.06	0.0	14:26:13	88
-1050	58456.4	.08	0.0	14:31:12	88
-1075	58689.9	.05	0.0	14:32:10	88
-1100	59077.2	.05	0.0	14:32:59	88
-1125	58798.3	.06	0.0	14:34:08	88
-1150	58399.5	.06	0.0	14:34:50	88

FRANCOIS

Pos:	-1100	Date:	23 AUG 93	#49
Tie-Line	FIELD	ERR	DRIFT	TIME DS
-6700	58236.1T	.05	0.0	14:39:53 88
Ref. Fld	58230.6	.06	0.0	14:42:39 88
#51	58274.1	.07	0.0	14:44:39 88

EOF

END

1993

DROMEDARY MOUNTAIN OPTION

APPENDIX C: INVOICES



INVOICE

No. 93040
August 27, 1993
GST REG # R100341692

In Account With: **ENERGOLD MINERALS INC. CORPORATION**
1500 - 700 West Pender Street
Vancouver, B.C.,
V6C 1G8

Attention: Mr. Walter H. Selmar

Re: Field personel Dromedary project, Yukon. August 9-26, 1993

To:

Professional Services

Lee Piggage, PhD., (August 09-26)
Total 18.0 days @ \$320/day \$5,760.00

Arden Bashforth, Student (August 09-26)
Total 19.0 days @ \$180.00/day: \$3,420.00

Subtotal **\$9,180.00**

Support & Expediting

2 trips Whitehorse - Carmacks return \$300.00

GST (7% of \$9,480.00) \$663.60

TOTAL INVOICE **\$10,143.60**



Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
Tel: (613) 749-2220
Fax: (613) 749-7170

ENERGOLD MINERALS
#1500 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

Invoice : V100524, Page 1

Date : 2-SEP-93

Report No: V93-00854.0

Project : DROMEDARY

Reference:

126 Analyses of ENRGOLD PACKAGE	at \$ 6.00	\$ 756.00	\$ 756.00
Silver			
Copper			
Lead			
Zinc			

Sample Preparation			
126 Samples of DRY, SIEVE -80	at \$ 1.25	\$ 157.50	
Subtotal		\$ 157.50	\$ 157.50

Miscellaneous Charges			
TAX GST (R100/200)			
Subtotal		\$ 61.95	\$ 61.95

Invoice Total: \$ 977.45 Cdn

PLEASE REMIT TO:

ACTION AVIATION

P.O. Box 5898, Whitehorse, Yukon Y1A 5L6 Phone: (403) 633-3343

Invoice Number **Nº 1410**

Invoice To: <i>Energold Minerals Inc.</i>	Date: <i>Aug. 26/93</i>	A/C: <i>C-GGOK</i>
Address:	Re:	Pilot: <i>Y/oa</i>

No. Pssgrs	Cargo	From	To	To	Rate	Miles	Hours	Charges
		<i>Clear Lake</i>	<i>Whitehorse</i>		<i>2.00</i>	<i>150</i>		<i>300.00</i>
		<i>Whitehorse</i>	<i>Clear Lake</i>	<i>Whitehorse</i>	<i>2.00</i>	<i>300</i>		<i>600.00</i>
								<i>900.00</i>
		<i>Dromedary</i>		<i>YST</i>				<i>63.00</i>
								<i>963.00</i>
				<i>Approved</i>				}
				<i>H. D. Sellen</i>				
				<i>Dromedary - Aircraft - Fixed Wing</i>				
				<i>Sept 7/93</i>				
		GST# R104634555						
2% per month (24% per annum) charged on Overdue Accounts Due upon receipt of Invoice.					TOTAL			
					Amount Charged			<i>963.00</i>



REMIT PAYMENT TO:
TRANS NORTH AIR
 TRANS NORTH TURBO AIR LTD
 AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
 TELEPHONE (403) 688-2177 FAX (403) 688-3420

ENERGOLD MINERALS
 CHARTERER

21-1114-1st Ave
 BILLING ADDRESS
 Whitehorse, YT Y1A 1A3

JEL & OIL-X TMTA FUEL USED HRS./LITRES FROM
 TMTA CUST. CMX
 2.3

FROM
 CARMAACKS
 DROMEDARY
 DEMOB CAMP
 CARMAACKS

MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT Kg

SUB	G.L.	AMOUNT
1907	502	1495.00
1900	131	186.16
0000	323	117.68

SUB	G.L.	AMOUNT
2.3	650-	1495.00

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS.
 IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

WAITING TIME @ /HR.
 FUEL: 262.2 @ .71 /LITRE 186 16

CHARTERER'S SIGNATURE
 PILOT'S SIGNATURE
 CO-PILOT'S NAME
 ENGINEER'S NAME
 CYCLES

MEALS & LODGING
 OTHER Subtotal 1681 16
 OTHER 117 68
TOTAL \$ 1798 84

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

FLIGHT REPORT - CUSTOMER'S COPY



REMIT PAYMENT TO:
TRANS NORTH AIR
 TRANS NORTH TURBO AIR LTD
 AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
 TELEPHONE (403) 688-2177 FAX (403) 688-3420

ENERGOLD MINERALS
 CHARTERER

21-1114-1st Ave
 BILLING ADDRESS
 Whitehorse, YT Y1A 1A3

FUEL & OIL-X TMTA FUEL USED HRS./LITRES FROM
 TMTA CUST. CMX
 2.5

FROM
 CARMAACKS
 TO
 DROMEDARY
 CAMP MOVE
 CARMAACKS

MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT Kg

SUB	G.L.	AMOUNT
1907	502	1625.00
1900	131	202.35
0000	323	127.91

SUB	G.L.	AMOUNT
2.5	650-	1625.00

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS.
 IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

WAITING TIME @ /HR.
 FUEL: 285 @ .71 /LITRE 202 35

CHARTERER'S SIGNATURE
 PILOT'S SIGNATURE
 CO-PILOT'S NAME
 ENGINEER'S NAME
 CYCLES

MEALS & LODGING
 OTHER Subtotal 1827 35
 OTHER 127 91
TOTAL \$ 1955 26

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

FLIGHT REPORT - CUSTOMER'S COPY

needs
approval

OK

MINFILE: 105L 051
PAGE NO: 1 of 2
UPDATED: 07/14/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Dromedary	NTS MAP SHEET: 105 L 15
MINFILE #: 105L 051	LATITUDE: 62°53'54"N
MAJOR COMMODITIES: Ba	LONGITUDE: 134°41'03"W
MINOR COMMODITIES: Cu, Pb, Zn, Ag	DEPOSIT TYPE: Sedex
TECTONIC ELEMENT: Selwyn Basin	STATUS: Drilled prospect

CLAIMS (PREVIOUS AND CURRENT)

ACE, EARN

WORK HISTORY

Staked as part of a block of 728 Ace & Earn cl (YA52055) in Sep/80, following regional silt sampling and an airborne mag and EM survey by Anaconda Can EL, which explored with geochem, mag and EM surveys and mapping in 1981 and 1982, plus 9 holes (1900 m) in 1981. Anaconda's interest was transferred in 1985 to Fleck MIs Inc, which optioned the property to Dromedary ECL in Jun/88. Dromedary drilled 2 holes totalling 434.64 m in 1990. A third hole was abandoned at a depth of 15 m. Energold Minerals Inc. optioned the Ace and Nora cl and conducted a program of auger sampling, magnetometer surveying and geological mapping in Aug/93.

GEOLOGY

The claims are underlain by a southwest-dipping sequence of Paleozoic strata cut by northwest-trending normal faults and intruded by Cretaceous andesitic sub-volcanic plugs. Stratabound lenses of massive pyrrhotite with sphalerite, chalcopyrite, pyrite and galena occur in cherty pyritic argillite of the Devono-Mississippian Earn Group and their metamorphosed equivalent. The sulphide lenses are inferred to be submarine exhalites, probably related to Devonian rifting.

The largest sulphide body is a barren pyrrhotite lens about 800 m long and 50 m thick on the west slope of Dromedary Mountain. Contacts with unmineralized rock can be either sharp or gradational. Massive barite up to 50 m thick is exposed along the north slope for a length of 400 m. Scheelite is present in the creeks draining to the south but was not found in place.

The best Anaconda chip sample assayed 7.2% Zn, 3.5% Pb, 58 g/t Ag and 0.5% Cu across 1 m while the best drill intersection returned 2% Zn, 0.5% Pb, 31.2 g/t Ag and 0.2% Cu over 1.05 m. Dromedary's DDH-90-01 intersected 4.8 m of massive sulphides consisting of 80% pyrrhotite, 5-10% pyrite and 10-15% silica with galena in fractures. A 0.68 m interval within the 4.8 m contained 1.32% Pb, 0.39% Zn and 0.16% As. A 0.33 m interval assayed 2.98% Pb, 0.49% Zn and >1000 ppm Ag.

The 1993 work by Energold Minerals Inc. revealed a strong magnetic response believed to reflect a thickness of pyrrhotite conformable with stratigraphy.

REFERENCES

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