MAP NO.: 105L 14,15,16

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093148
MINING DISTRICT: WHITEHORSE
TYPE OF WORK: GEOPHYSICS, GEOLOGY
GEOCHEMISTRY

REPORT FILED UNDER: ENERGOLD MINERALS

DATE PERFORMED: AUGUST 9-26, 1993 **DATE FILED:** DEC 16, 1993

LOCATION: **LAT.:** 62°55'N **AREA:** DROMEDARY MOUNTAIN

LONG.: 135°00'W **VALUE $:** 3,400

CLAIM NAME & NO.: NORA 1-34 (YB26763-796), ACE 69-76(YA51442-449), ACE 85,87 (YA51458-YA51460), ACE 5 (YA52059), ACE 7-32 (YA52061-066), 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)

WORK DONE BY: H.W. SELLMER, R. ZURAN

WORK DONE FOR: ENERGOLD MINERALS INC.

DATE TO GOOD STANDING:

REMARKS: AUGER SAMPLING AND GEOPHYSICAL SURVEY

093148

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

Location: 240 Km. North of Whitehorse, Yukon
NTS 105 L/14,15,16.
Lat 62o55'N; Long 135o 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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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.

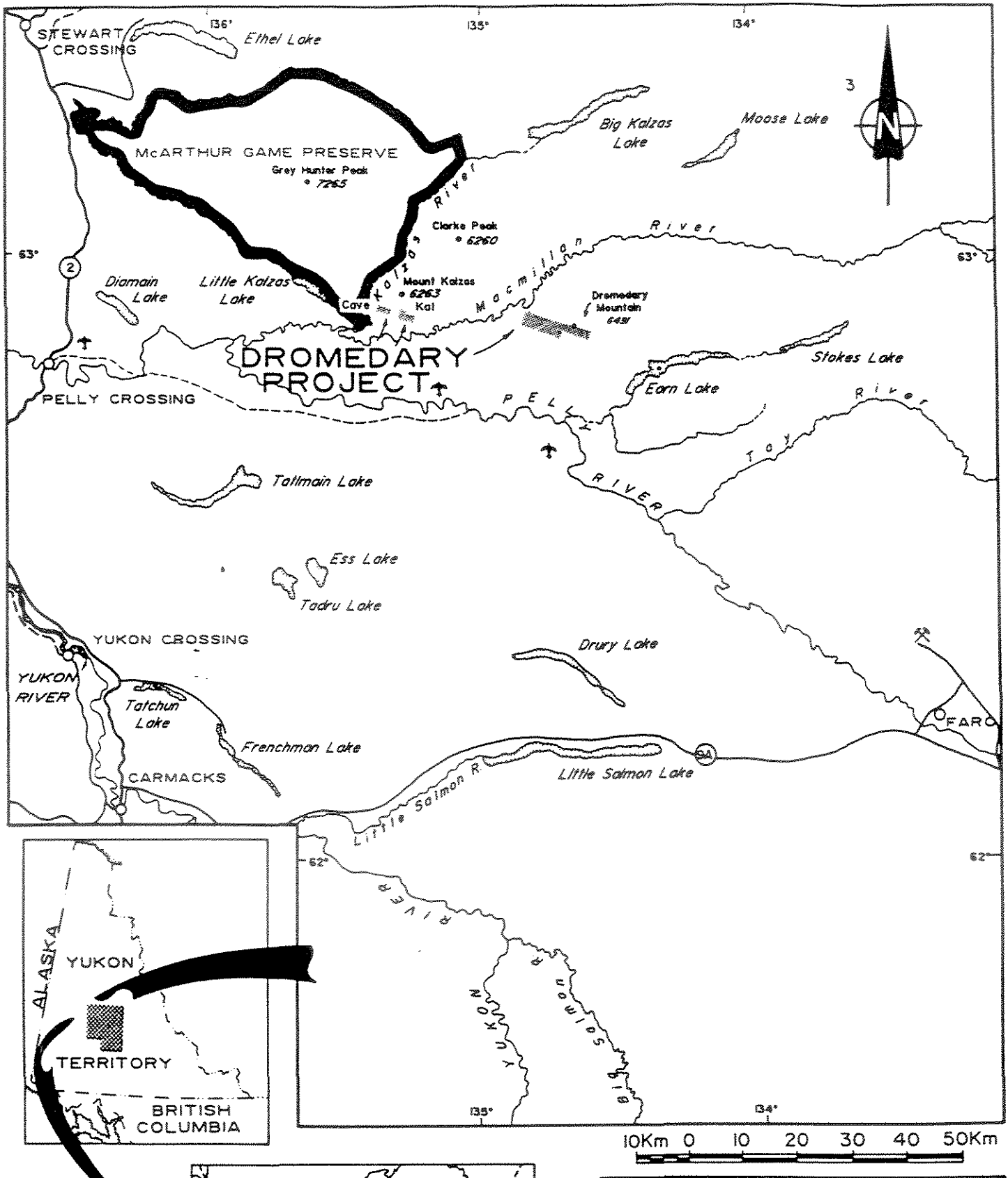
It is anticipated that such a program, with the requisite helicopter support, and linecutting, magnetometer and geochemical surveys, option payments due to Carlson and filing fees to keep the claims in good standing would cost about $300,000.00.

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

ENERGOLD MINERALS INC. | NOV., 1993

NTS 105 I/14 | SCALE 1:1,000,000 | FIGURE: 1

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. Co-ordinates 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.

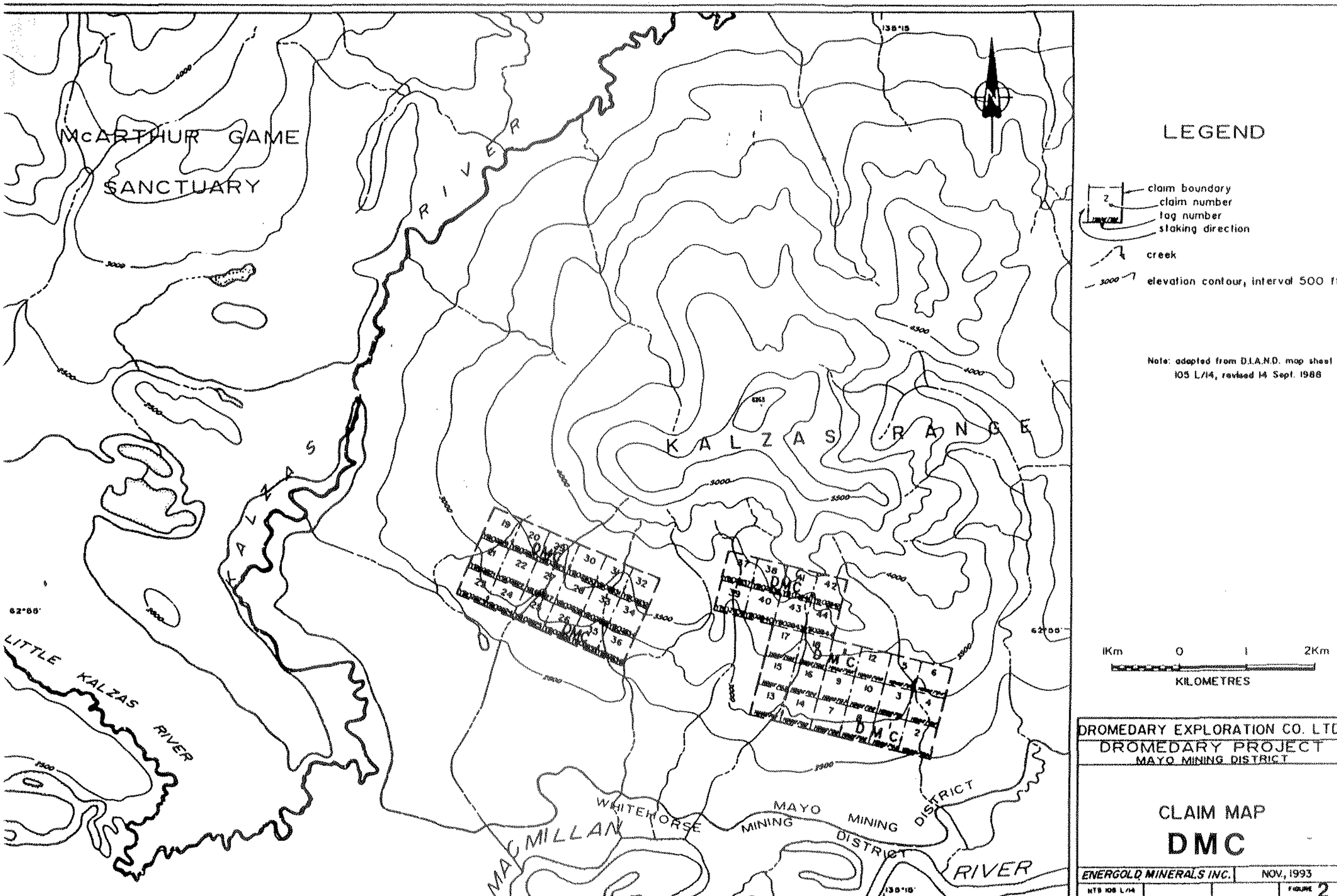
The topography on the DMC claim blocks is relatively rugged with steep side slopes which are deeply incised by creeks and characterized by numerous cliffs and a persistent cover of dense slide alder, birch, aspen and jackpine and spruce, making travel difficult with few helicopter landings.

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


McARTHUR GAME SANCTUARY
RIVER
KALZAS
KALZAS RANGE
LITTLE KALZAS RIVER
MACMILLAN RIVER
WHITEHORSE MINING DISTRICT
MAYO MINING DISTRICT
DMC
N
138°15'
62°55'
LEGEND
claim boundary
claim number
tag number
staking direction
creek
3000 elevation contour, interval 500 ft.
Note: adapted from D.I.A.N.D. map sheet 105 L/14, revised 14 Sept. 1988
1Km 0 1 2Km
KILOMETRES
DROMEDARY EXPLORATION CO. LTD
DROMEDARY PROJECT
MAYO MINING DISTRICT
CLAIM MAP
DMC
ENERGOLD MINERALS INC.
NOV., 1993
NTS 105 L/14
FIGURE 2

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	

*Subject to approval of 1993 assessment work.

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

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.

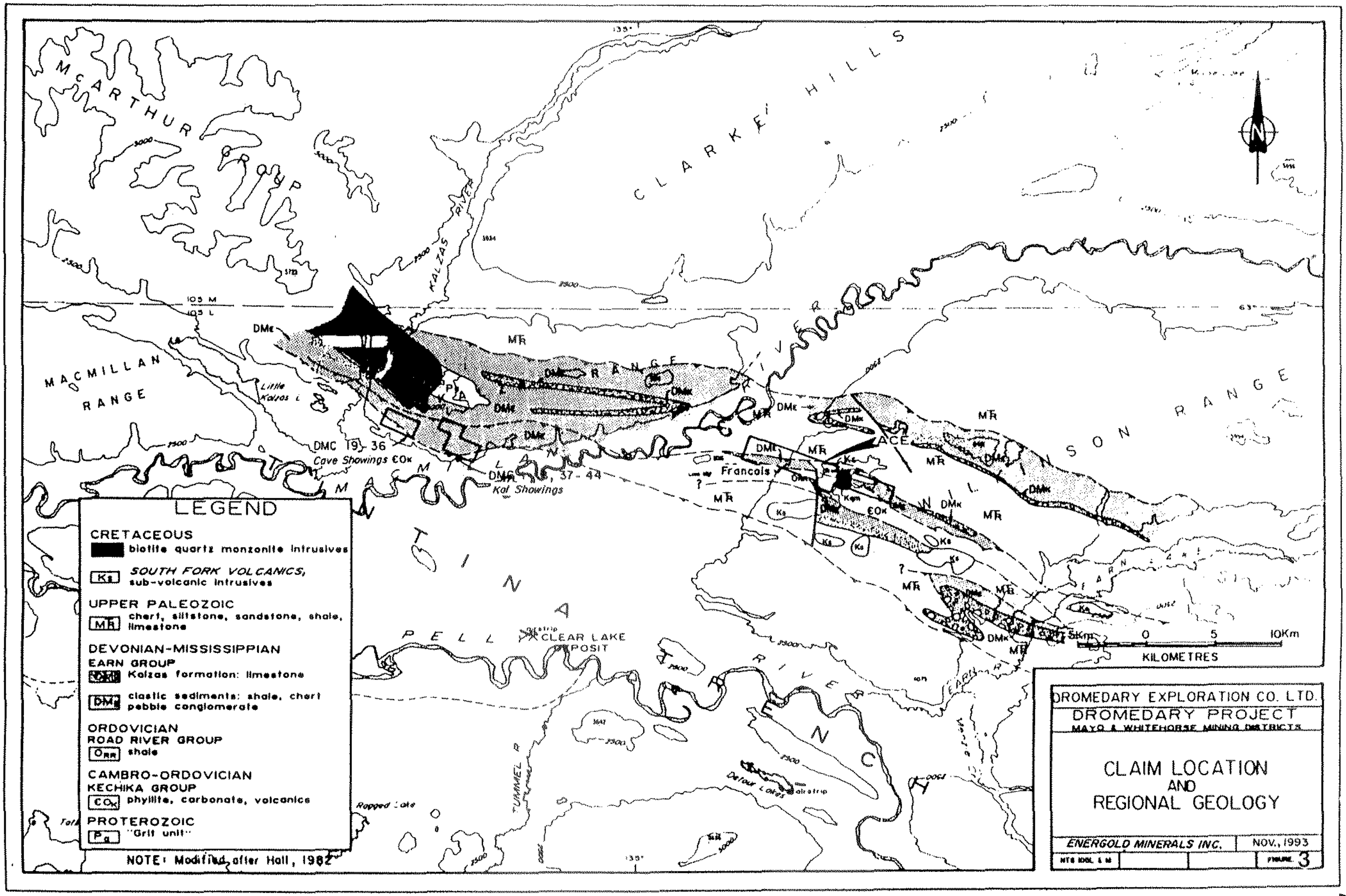

McARTHUR GROUP
CLARKE HILLS
MACMILLAN RANGE
KALZAS RIVER
Little Kalzas L.
DMC 19-36
Cave Showings €Ok
DMC
37-44
Kal Showings
Francois
ACE
ROBINSON RANGE
PELLY RIVER
CLEAR LAKE DEPOSIT
TUMMEL R
Detour Lakes
Ragged Lake
EARN R
0
5
10Km
KILOMETRES
LEGEND
CRETACEOUS
biotite quartz monzonite intrusives
Ks SOUTH FORK VOLCANICS, sub-volcanic intrusives
UPPER PALEOZOIC
MTr chert, siltstone, sandstone, shale, limestone
DEVONIAN-MISSISSIPPIAN
EARN GROUP
DMk Kalzas formation: limestone
DMe clastic sediments: shale, chert pebble conglomerate
ORDOVICIAN
ROAD RIVER GROUP
ORR shale
CAMBRO-ORDOVICIAN
KECHIKA GROUP
€Ok phyllite, carbonate, volcanics
PROTEROZOIC
Pg "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
FIGURE 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.

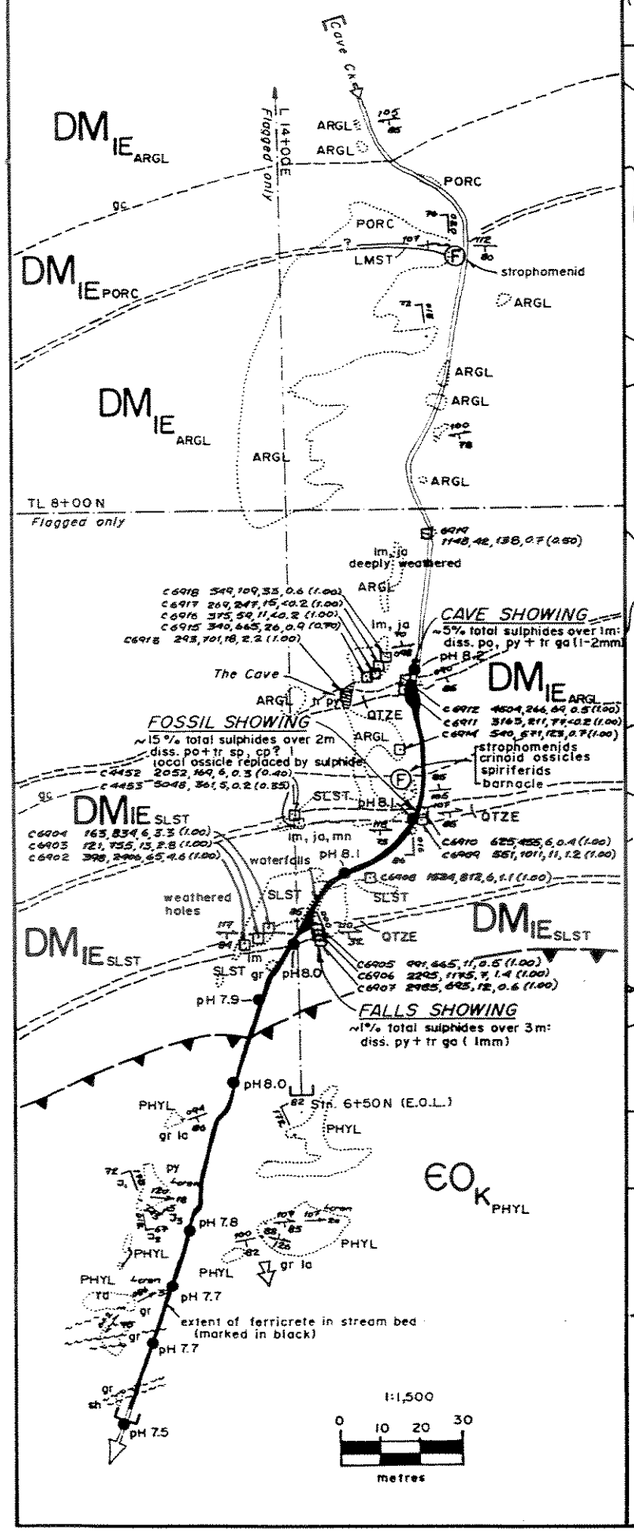
The soil sample was taken from the screw of the auger and placed in a brown kraft wet-strength paper bag on which the line and station location were noted. The samples were then shipped to Bondar-Clegg Labs in North Vancouver, B. C. and subjected to routine geochemical analysis for Ag, Cu, Pb and Zn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

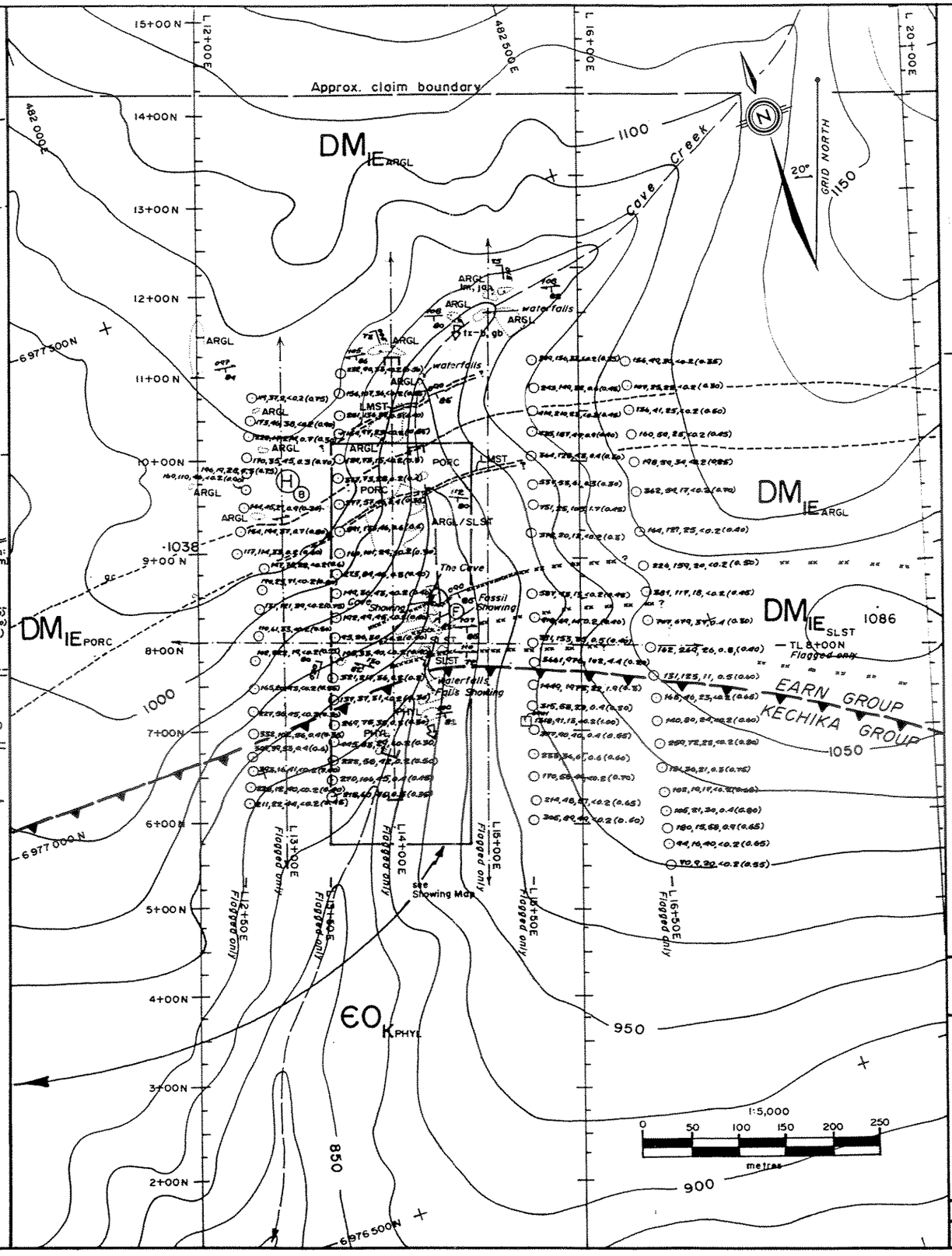
Although they are probably not directly comparable, because of the low number of samples, the threshold values for Ag, Pb, Cu and Zn (Hg for the Francois grid) are those derived statistically for the Clear Lake area as set out below:

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

thrust fault ▼

CAMBRIAN–ORDOVICIAN
KECHIKA GROUP

- $\epsilon O_{K_{PHYL}}$ PHYLLITE

modified after R. Hall, 1982

SYMBOLS

- limit of outcrop exposure
- geologic contact (defined, approx.)
- thrust fault (teeth on down dip side)
- fault
- xxxxxxxxx mineralized horizon (quartzite–siliceous siltstone + sulphides)
- bedding, cleavage, joint, lineation (L_{cren} = crenulation lineation)
- stratigraphic tops
- (F) 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)
- (B) base magnetometer station (EDA Omni IV)
- (H) helicopter pad & campsite (1993)

ga	galena	ja	jarosite	la	laminated
sp	sphalerite	lm	limonite	tx-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.: 105 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.

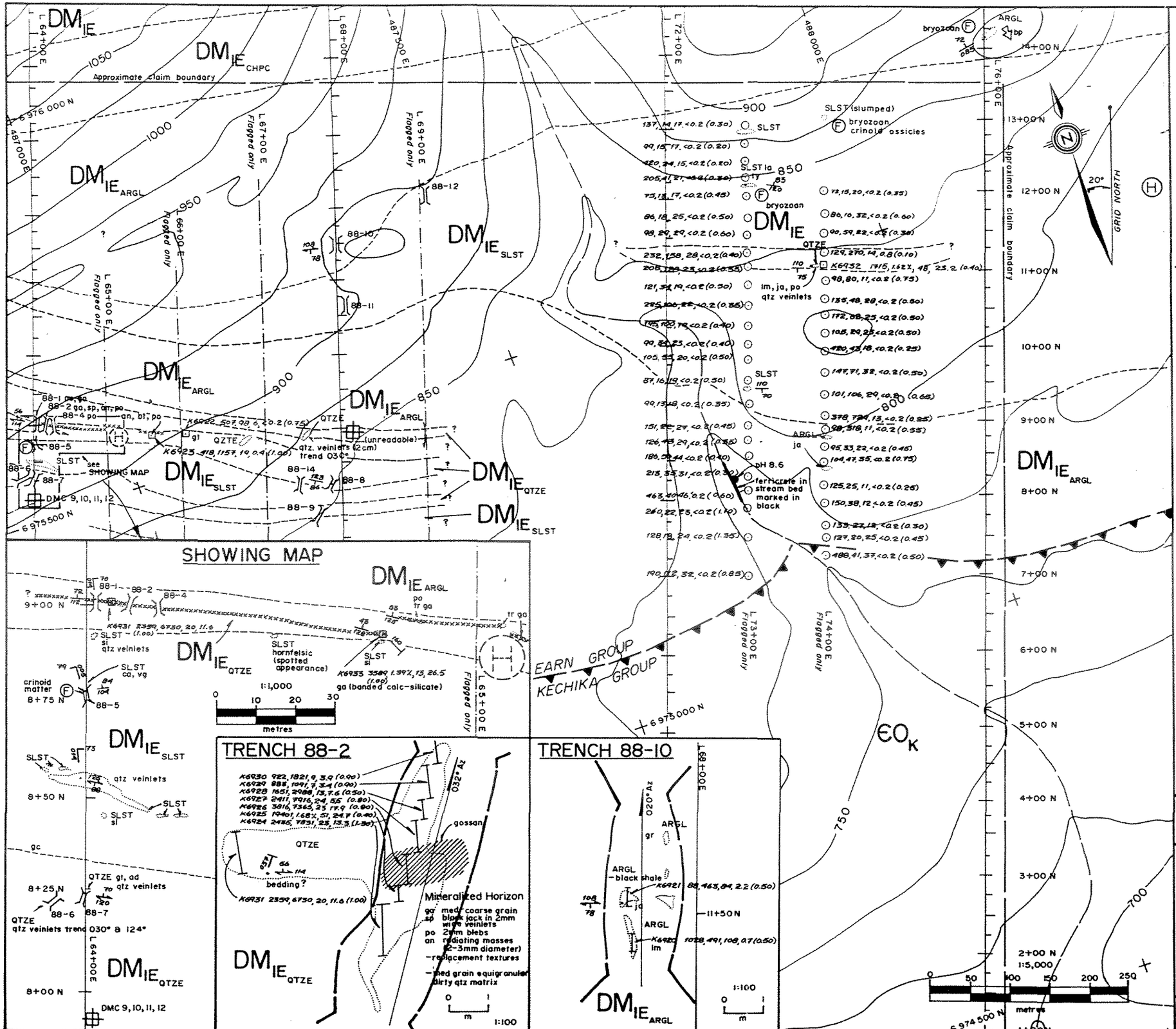
Although the surface mineralization which outcrops in the creek is not ore grade, the soils indicate a strong trend parallel to stratigraphy which warrants further exploration.

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.



SHOWING MAP

TRENCH 88-2

TRENCH 88-10

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

- ϵO_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
- (F) 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
- (H), (H) helicopter pad & 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. Mayo, Y.T.	DRAWN BY: R. Zuran
DATE: Nov, 1993	N.T.S. 105 L 14	FIGURE: 5

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

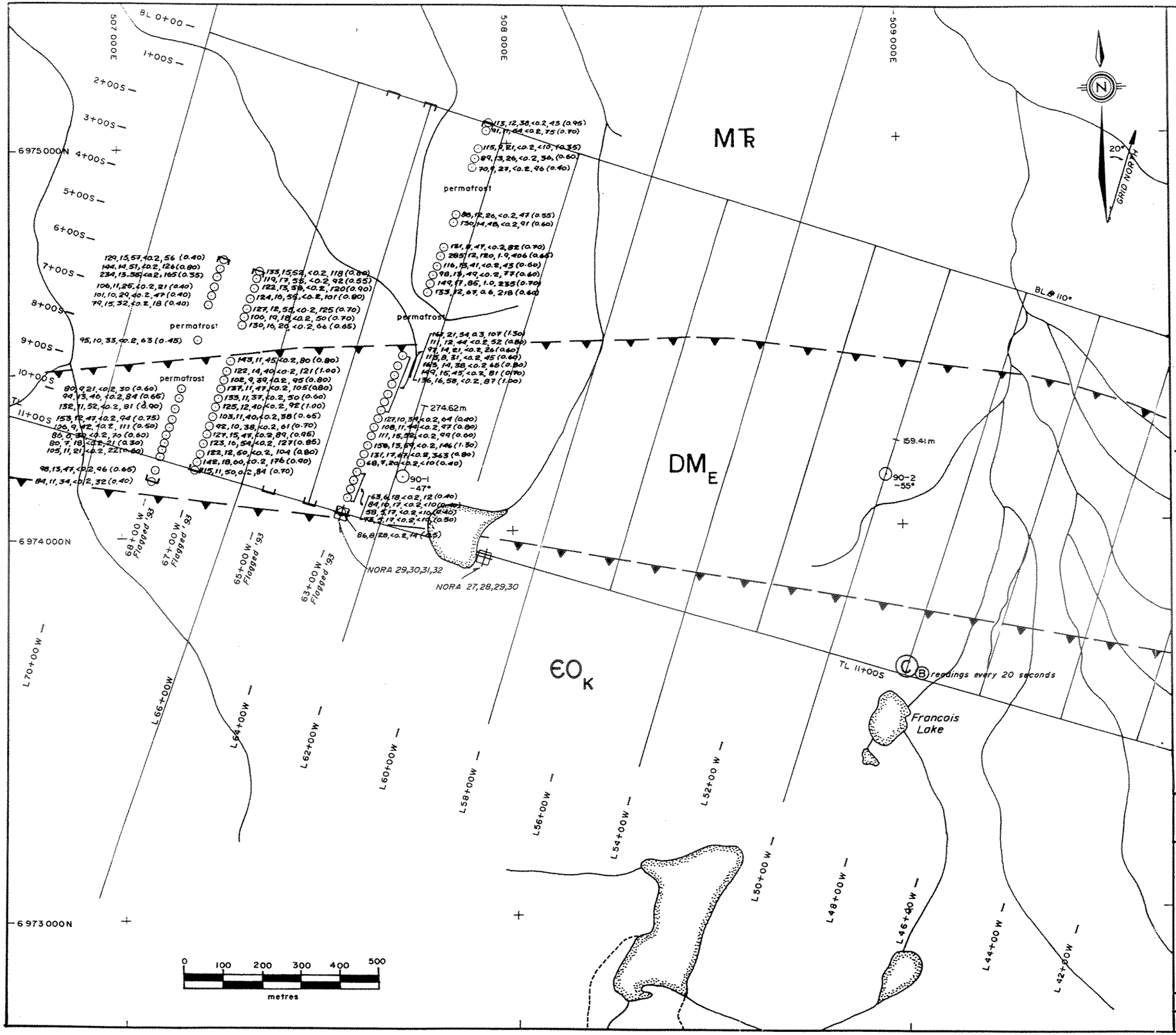
70 auger samples were collected from the Francois grid on lines 63+00W, 67+00W and 68+00W from 0+00BL to 11+50S. The area sampled covers a gently rolling heavily drift covered terrain with several swampy streams draining to the northwest. Previous work had outlined a combined gravity-magnetic anomaly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



LEGEND

CRETACEOUS

- K_{gm} — biotite quartz monzonite intrusives
- K_{SF} — SOUTH FORK VOLCANICS sub-volcanic intrusives

UPPER PALEOZIC

- MT_R — 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

- ϵO_K — phyllite, carbonate, volcanics

PROTEROZOIC

- P_G — "Grit unit"

modified after R. Hall 1982

SYMBOLS

- thrust fault
- 159.41m / 90-2 / -55 — diamond drill hole; collar dip and length of hole shown.
- claim post
- (C) campsite
- (B) 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 L 15	FIGURE: 6

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

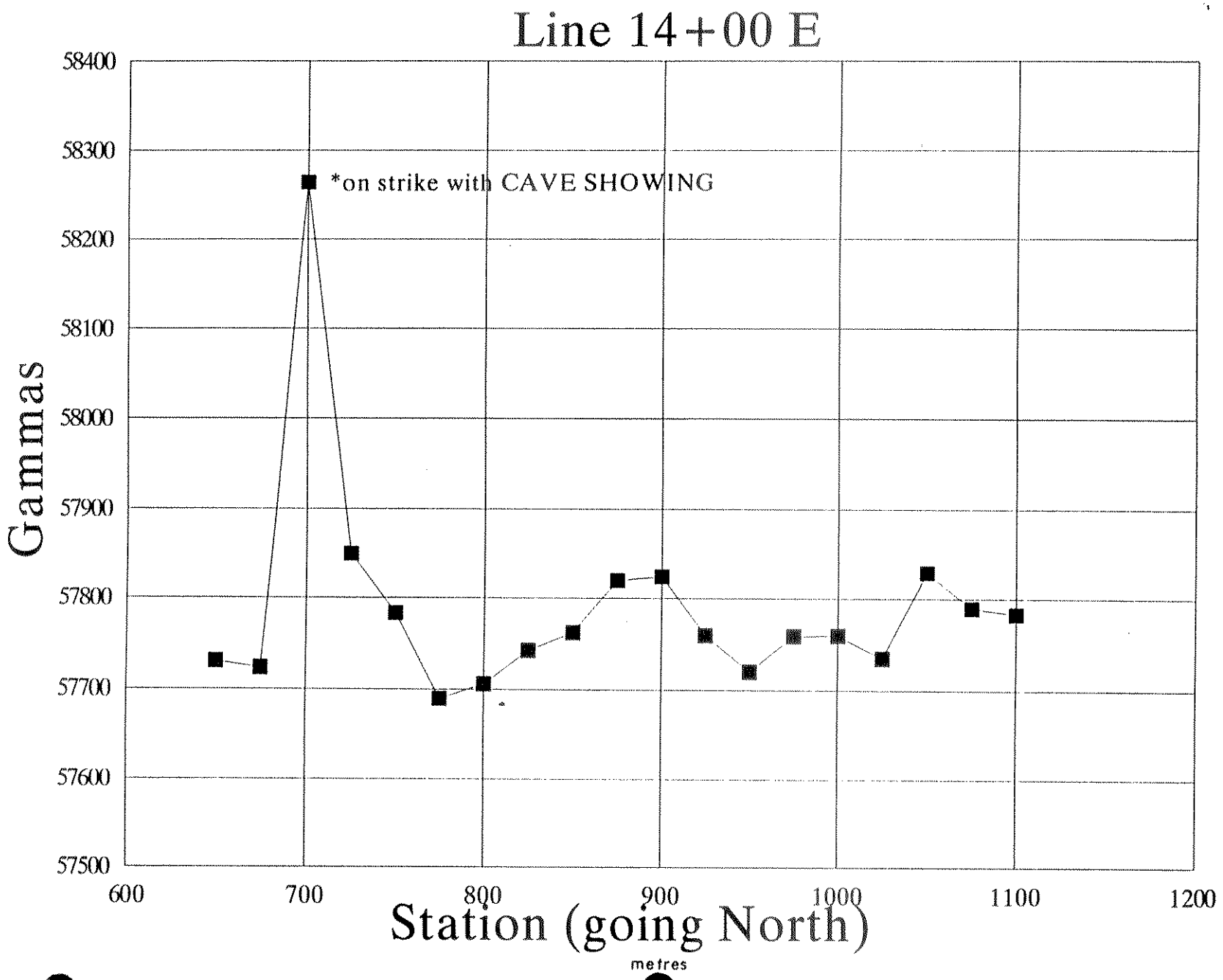
Line 14+00E and a line which ran down the creek across the Cave showings were surveyed at 25 meter intervals using the method described above. Because the lines are on the flanks of a steep creek valley deeply incised into the source bedrock, some lateral effect should be anticipated in interpretation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

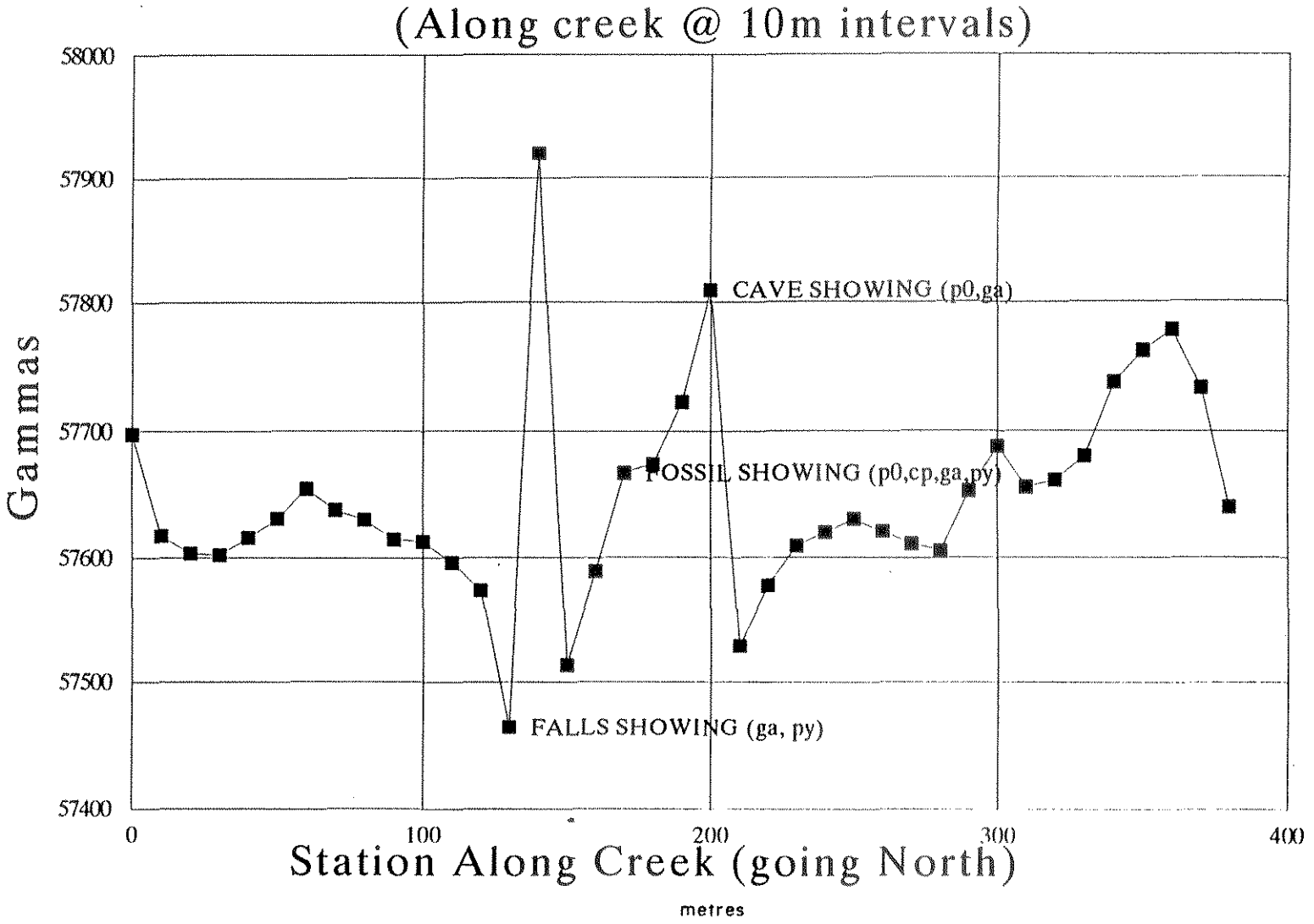
The line run in the creek (Figure 7a) from 0 to 380 meters with readings at 10 meter intervals has lower overall readings but also displays three peaks at roughly similar spacing. A peak at 104N has a strong contrast of 450 gammas between adjacent readings and is quite sharp. A similar peak with a 270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



7a CAVE CREEK MAGNETICS



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 mangnetic/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.

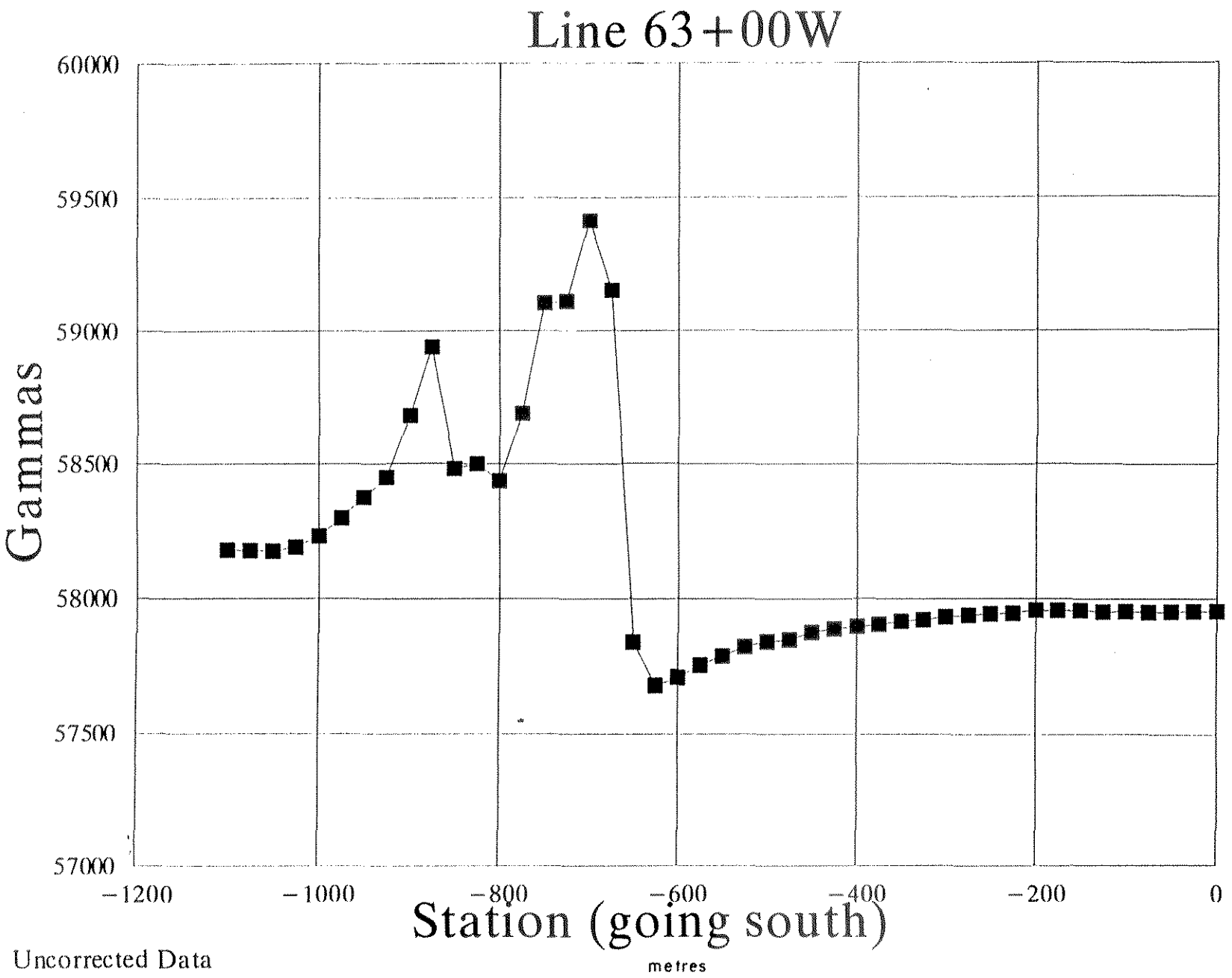
Line 65+00W displays similar readings at 130-160 gamma range between 0+00S and 3+75S, falls to a low of 34 gammas at 5+75S and starts to rise steadily the 500 gamma range with a slight falloff to 350 gammas at the end of the line at 11+00S.

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.

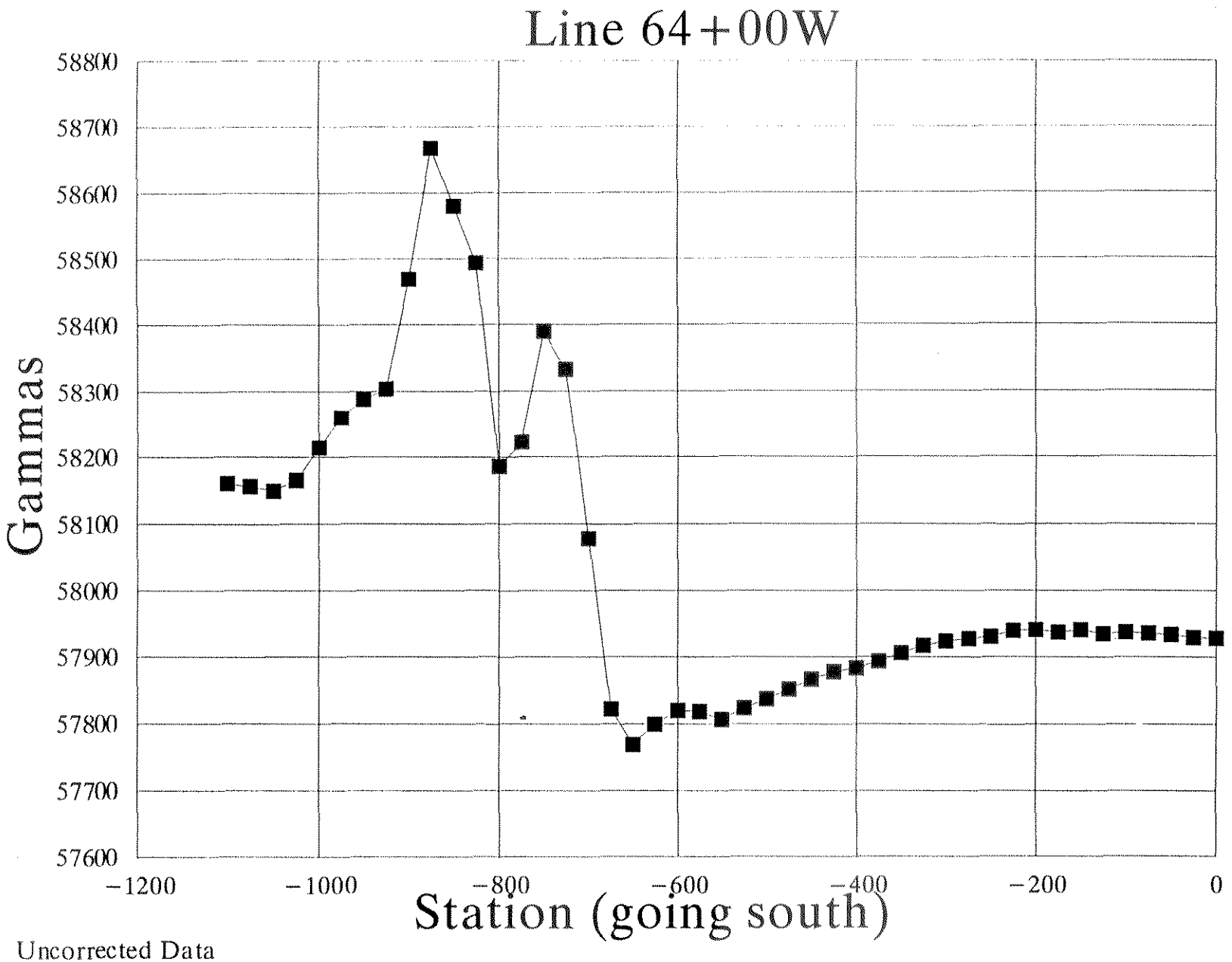
In all of the lines surveyed on the Francois Grid, two magnetically distinct units are evident - a lower magnetic susceptibility one with values in the order of 80-150 gammas above the 57800 gamma datum and a higher with values in the range of 300-500 gammas. The contact is characterized by a low which 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



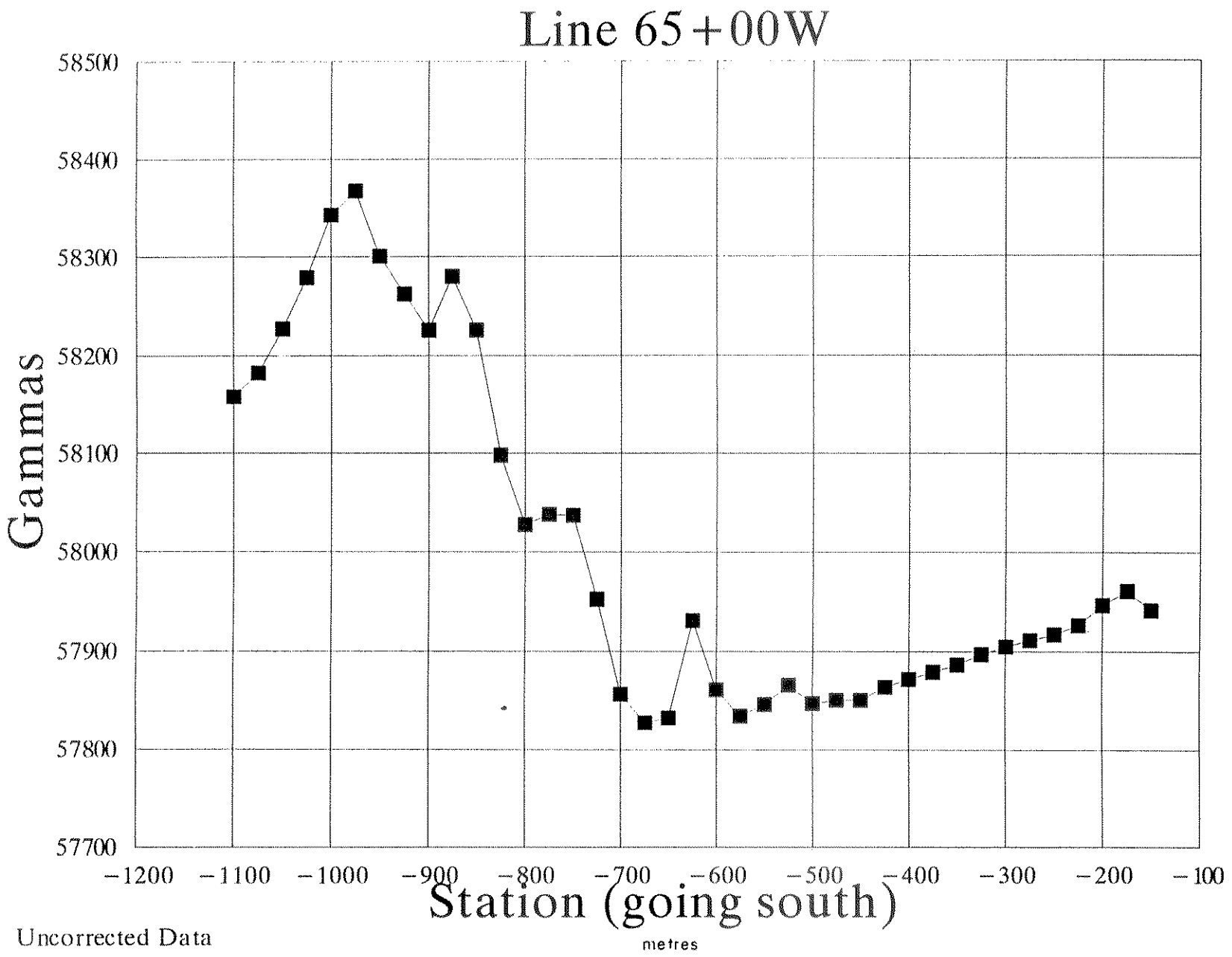
Uncorrected Data

8a FRANCOIS GRID



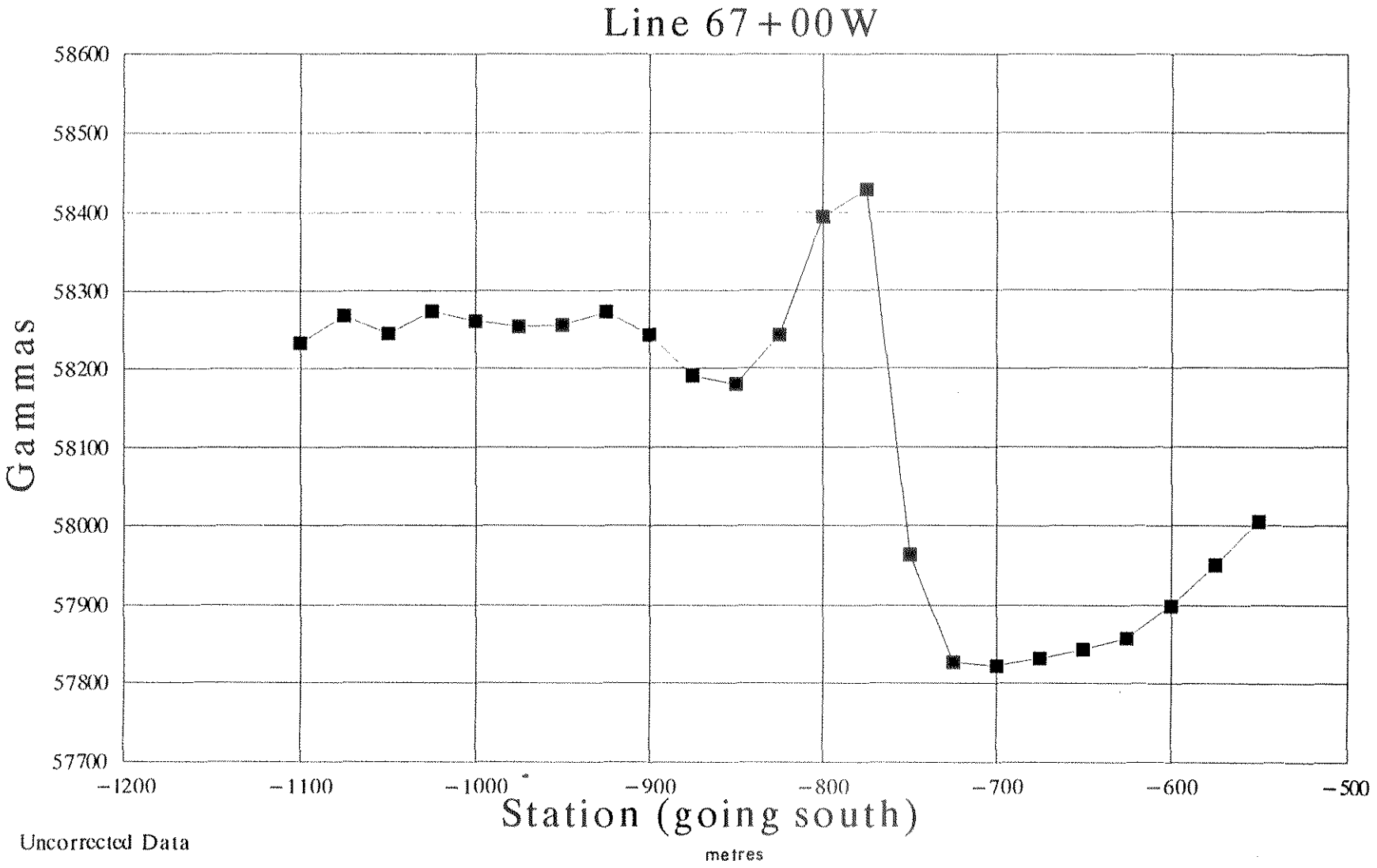
Uncorrected Data

8b FRANCOIS GRID



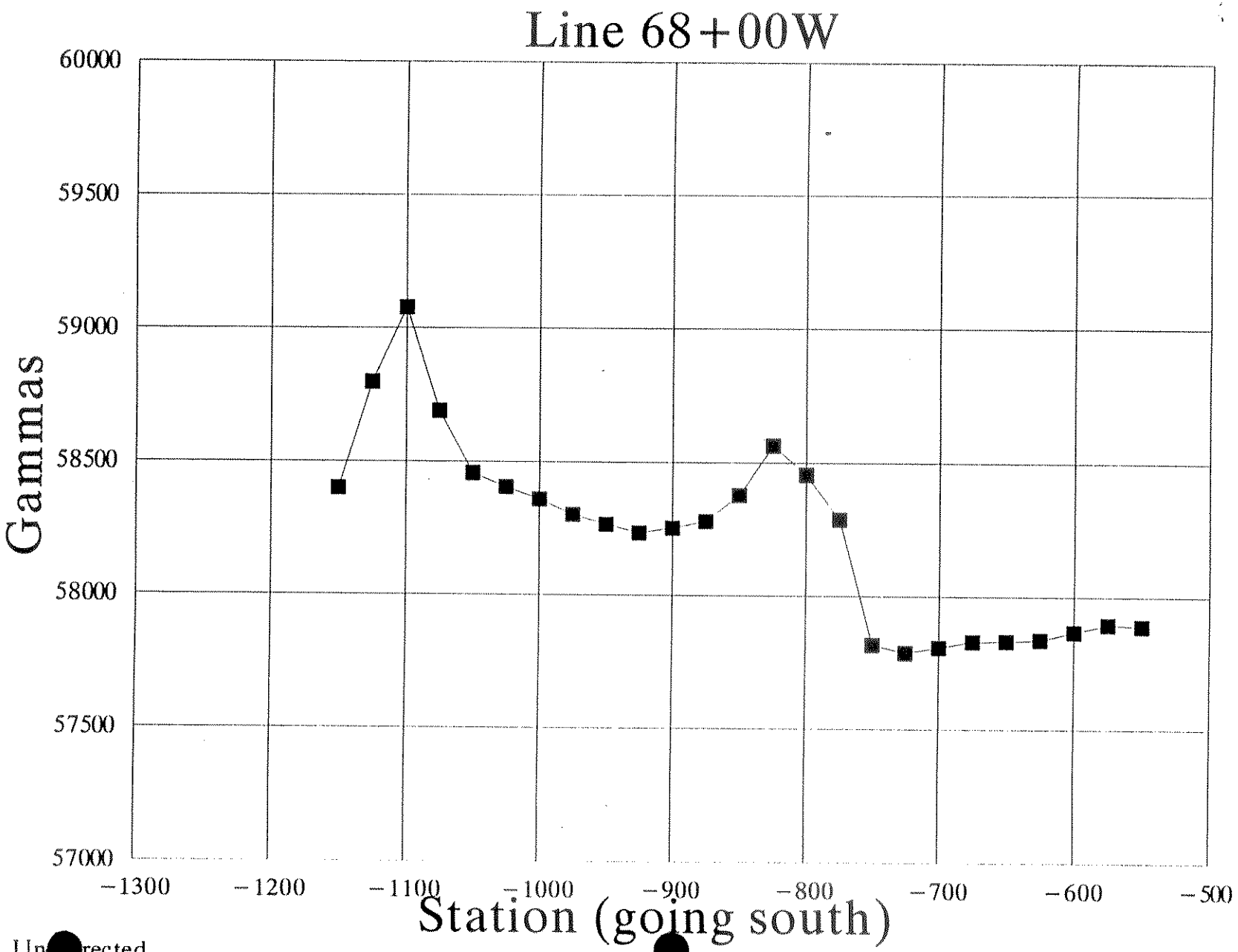
Uncorrected Data

8c FRANCOIS GRID



Uncorrected Data

8d FRANCOIS GRID



Un rected

metres

DISCUSSION OF RESULTS

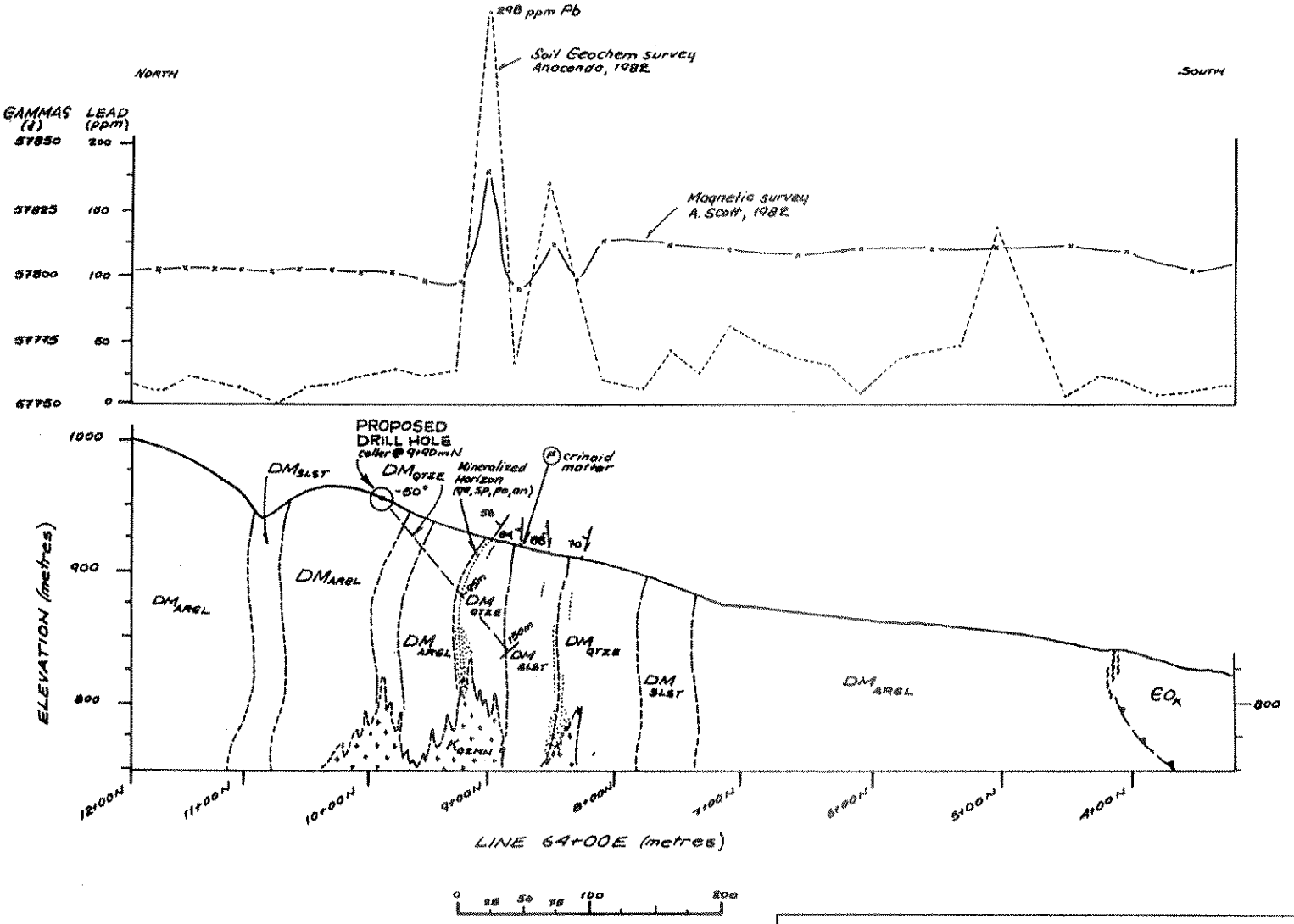
Both the Cave and Kal Zones are extensively hornfelsed and mineralized. Auger sampling results and the magnetic profiles appear to indicate one or more "horizons" which are well above background geochemically and magnetically and, as such, constitute sound exploration targets for zones of economic mineralization.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

L C 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. Sellmer 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) 985-0681
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: $ 3.75

(+$1.00 for 4kg-)
⇐ 2kg sample.
+$.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.

turnaround time. - 7 days max
Ba - up to 2 wks.

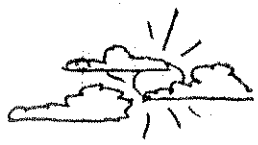
Sincerely,

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

SLEEP TENT

2 jerry cans (1 with 40:1 shell)
1 honda pump
1 chain saw - 280 stihl
2 40lb propane cylinders (full)
1 2 burner stove
2 battery charger
2 car batteries
2 pillow / 4 foamies.
1 broom
1 mesh pan.
3 blankets
1 sunflower heater, 1 burner
3 box matches
1 ATV holder (Honda 300)
1 phone book
10m extension cord.
2 cans of reg gas (5gal, 3gal)
1 tin naptha
1 can fire starter
1 can WD-40
1 20lb propane cylinder

DROMEDARY PROJECT



AUGUST 9th

1.1 move
1.2 ferry
] Helicopter Hrs. for move to CAVE ZONE

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

- plann 1250+
- Soil lines 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	0-3-4-2-1	0.45	covered talus + veg. Minor ash (?)
2	6+25N	tan	0-3-4-2-1	0.40	adj. talus - slightly covered
3	6+50N	tan	0-3-4-2-1	0.40	open talus + soil
4	6+75N	tan	1-5-3-0-1	0.60	steep (S-facing) slope - cover veg.
5	7+00N	tan	1-3-3-2-1	0.35	compact - bottom of slump scar
6	7+25N	tan	2-3-1-2-2	0.30	steep S slope; compact - glacial
7	7+50N	tan	2-2-3-2-1	0.55	compact
8	7+75N	brown	3-4-1-0-2	0.55	v. weak oxidized.
9	8+00N	greenish-brn	4-3-2-0-1	0.60	arg lithic chips, weakly oxidized
10	8+25N	brn-grey	3-4-1-2-0	0.75	minor rust; arg chips - C-horiz
11	8+50N	dk grey	7-3-0-0-0	0.80	slightly graphitic; homo.
*	8+75N	black	8-2-0-0-0	0.60	@ camp; @ 9+00N line shifts 50m W. from Aurum L13-9+00N; down slope. ← v. graphitic
					Aurum Line 17m E of our L12+50E 8+00N (13E 9+00N)
13	9+00N	brn-black	4-2-1-3-0	0.60	arg. chips; minor rust (1st stn on shifted line)
14	9+25N	dk grey	3-1-0-6-0	0.80	C-horiz - graphitic arg chips
15	9+50N	brn-grey	5-0-0-5-0	0.20	hit bedrock o/c 10m E of soil.
16	9+75N	brn-grey	5-1-0-4-0	0.90	C-horz; weakly rusty spots; graphitic
17	10+00N	v. dk grey	4-3-0-3-0	0.75	C-horz; white calcite spec; <3% oxide Fe
18	10+25N	brown	2-2-1-4-1	0.70	steep slope 3m S; glacial pebbles
19	10+50N	grey-brn	1-2-1-6-0	0.80	slightly graphitic; arg chips.
20	10+75N	green-brn	4-2-1-3-0	0.90	
21	11+00N	weak rust brown	2-4-2-2-0	0.75	C-horz

* 56m W hit 10+75N on L12E @ 290 o/c moderately hard; rust (minor) on joint surfaces
* From L12+50E 11+00N to L13 11+00N @ 110° Az = 32m
* L 13+50E 8+00N = old Aurum TL 8+00N 13+25E

CAVE KAL FRANCOIS

SOIL GEOCHEM L13+50E

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	1-5-3-1-0	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 minor oxidized altd
9+25N	dk grey brown	0-5-2-3-1	0.4	immediately downslope from outcrop abundant argillite gravel-fragments
9+00N	grey brown	1-4-2-2-1	0.3	minor dark grey argillite
8+75N	grey brown	1-4-2-2-1	0.4	dark grey argillite chips
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 Auram 13+25E/8+00N cross line - Auram
7+75N	tan	1-4-3-1-1	0.4	minor argillite chips some 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 @ 6137mN 72m from L13+50E 6+00N
* 137m from L12+50E 6+00N 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
1) 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	0.5	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
9+75N	dark grey brown	1-1-2-3-3	0.7	adjacent to outcrop. Abundant argillite chips
9+50N	yellow brown	0-4-4-1-0	0.4	limonitic yellow brown colour
9+25N	light yellow brown	0-4-4-1-1	0.5	reddish hue to colour
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 Auram 8+00N cross-line @ this station Estimate 16+12E / 8+00N based on their flags			
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	2-3-2-2-1	0.8	Dark grey argill. 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

L16+50E

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

Encountered Anaconda baseline @ 1600E / 5+50N on bearing 110° (290°) after distance of 90m.

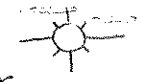
RZ-notes for August 11th

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

KAL CAMP @ 790m

August 12 - see diary

August 13th mom: scattered altocumulus 3/10 calm.



Lee & Arden: rock chip sampling

Rick 1:1000 scale mapping up creek.

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

∴ unit upright.

- Bedding: (on graphitic laminae - fine 2mm spacing) possible bioturbated? → 100/82S
- Cleavage 126/88N

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

DROMEDARY FILM LOG

FRAME	LOCATION	COMMENT
1	CAVE; L14E 9+15N; C4453	Sampled material; calcareous f. gn. sst
2	CAVE, @ Flag 9211005	Ferricreek gosson @ creek.
3	along CAVE CK @ 890m	Steep rapids @ ferricreek
4	CAVE campsite	Lee Pigage, Arden Bashforth, Rick Zurman
5	KAL L6BE 11+50N	TR 88-10
6	KAL 6794E 825N	TR 88-8
7	KAL 6412DE 9105N	TR 88-2, best mineralization seen so far
8	KAL CAMP	ARDEN COOKING DINNER

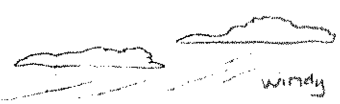
KAL FRANCOIS

▲ Z25 WS red-brown (gossonous)
F.S. gunsteel grey
siliceous-graphitic siltstone with up to 10% diss py + tr. med gn euhedral galena.
Spaced cleavage @ 5cm 110/72S

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

▲ Z-27 Fossil Horizon
Strophomenids (2 species)
Barnacle
Spiriferid ?
Crinoid Ossicles

AUGUST 14

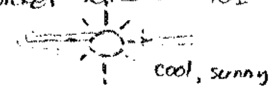


Broke camp in morning; Brian tried to get in but it was too windy. Shut down for an hour on the Pelly, tried again @ 12:00 - still too windy. Traversed w Lee & Arden up stream from Cave Showing mapping @ 1:5000
Discovered 3 limestone interbeds & tops; cleav > bedding
∴ stratigraphically upright

@ 260m @ 290°Az from camp
@ up line from picket 510873 (AURUM) other side reads L76 ??
21+50N

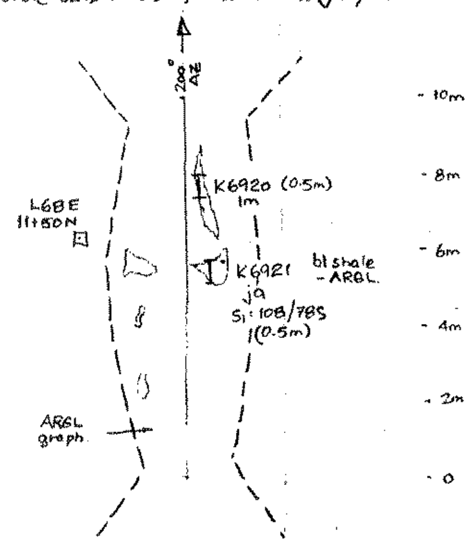
120m up line from intersection to picket 13+50N L76E

AUGUST 17th



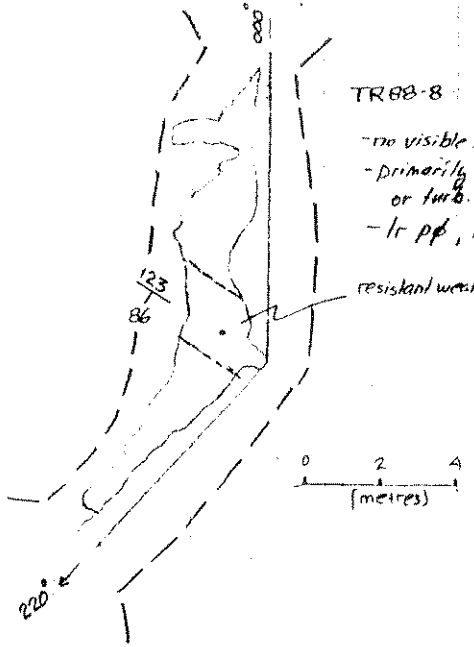
- 3 of us set out to see trenches L68E, 11+25N
- tie into L76E 12+25N

TRENCH 88-10 @ L68E 11+50N
- no visible sulphides ; mod-intense ja & lm



@ 10+77mN another trench (L68E) - subcrop porcelainite (88-11)
@ 67+94E 8+25N TR88-8 lm, ja in fine gn turb + slst. bedding: 123/86 SW
- dirty hornfelsed? turb-qtzite? - no sulphides seen. Locally weakly magnetic

FRANCOIS



- no visible sulphides
- primarily fine gn silty quartzite or turb.
- tr pp, local manganese staining
- resistant weathering turb (s/l)

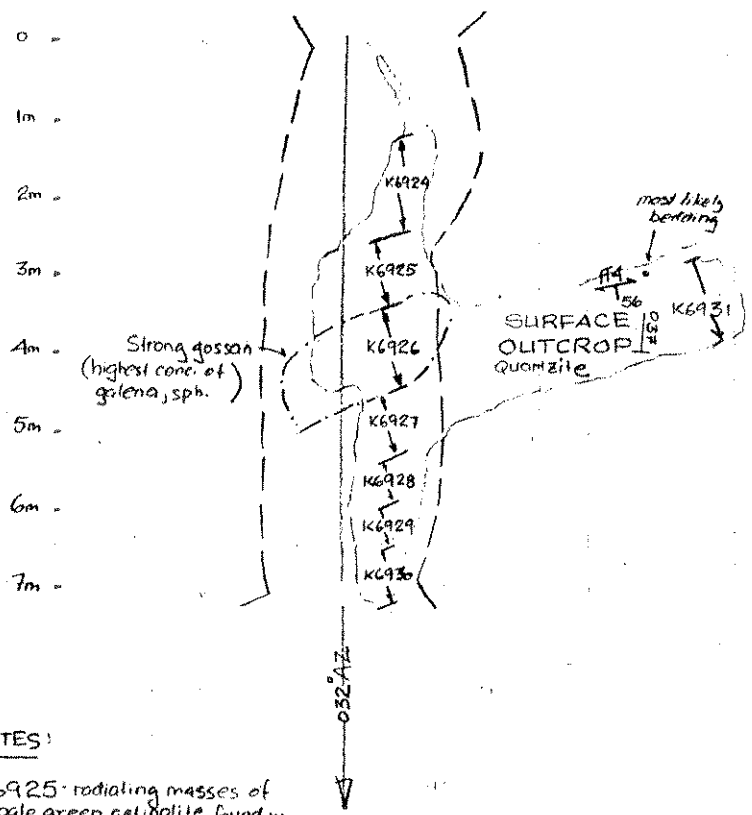
K6922 - magnetic med gn silicified dirty qtz-turb. qtz veins 1 per 5,10m irregular; Smoth 1mm dia garnets (7%) 110/70N - bedding

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

* @ L64E 8+10N 2 TRENCHES (long 10m) BEDDING 107/75N BB-6
L64E 8+75N TRENCH - conoids SLTS.

* TRENCH BB-2 located @: 64+20E 9105N - Reconfirm chips

TRENCH BB-2 - reconfirmation
Loc 64+20E 9105N



NOTES:

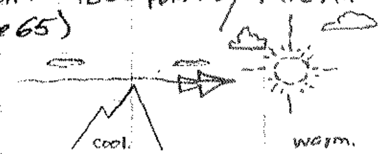
K-6925 - radiating masses of pale green actinolite found w up to 2% black jack sphalerite in small veinlets (2mm wide), tr galena (1mm dia) and blebs of pp (2mm).

W.S.: Black w patches of dk red brown
F.S.: Pale green
MINERALOGY: Actinolite: (pale gn) 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 (topoline - 'crude fashion')

STATION	COLOUR	c-s-sa-g-o COMPOSIT	(m) DEPTH	SLOPE	COMMENTS
13+00N	lt. brown	1-5-2-2-0	0.3		SLST 20m to E
12+75N	brown	1-5-2-2-0	0.2	40° (32m)	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° (28m)	flatter terrain, dry
11+75N	brown	2-7-0-1-0	0.50	5° (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	25 (26.5m)	rock chips
11+00N	dk. grey-brown	1-2 3 3-1	0.55	30° (28m)	rounded pebbles
10+75N	brown	3-4-1-2-0	0.45	5° (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	Side hill
10+00N	brown	4-3-1-2-0	0.40	0 (25m)	Sidehill
9+75N	green-brown	4-3-1-2-0	0.50	0 (26m)	
9+50N	brown	5-3-1-1-0	0.50	0 (26m)	———
9+25N	brown	3-5-1-1-0	0.35	0 (26m)	———
9+00N	tan	1-8-1-0-0	0.45	0 (25m)	break in slope
8+75N	grey	1-6-0-2-1	0.36	30° (30m)	slope
8+50N	grey-brown	0-4-0-3-3	0.40	28° (29m)	side hill; rounded pebbles
8+25N	dk brown.	1-2-0-2-6	0.30	0 (25m)	SLST chips, ja-minor
8+00N	dk brown	1-2-0-3-5	0.60	0 (25m)	
7+75N	dk grey	2-2-6-1-0	1.10	0 (25m)	ja rim mod. / ck gully
7+50N	grey	5-1-0-1-3	1.35	0 (26m)	7+66m hit ck - ferri pH 8.6?
7+25N	NS - frozen humus				
7+00N	dk grey	2-1-2-1-1	0.85	(0 25m)	gravel bed

* 66m from L73E 7+00N to ck (not ferri anymore) @ 110°Az

SOIL AUGER GEOCHEM L74+00E

STATION	COLOUR	c-s-sa-g-o COMPOSIT	(m) DEPTH	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		———
7+50N	tan	0-3-3-2-2	0.30	0° (25m)	rocky bottom, dry
7+75N	tan	1-4-3-2-0	0.45	20° (27m)	rounded pebbles
8+00N	tan	0-1-2-4-3	0.25	20° (27m)	rounded pebbles (poor sample)
8+25N	grey-tan	1-1-8-0-0	0.75	15° (26m)	glacial sand
8+50N	wk. org: brn	1-6-2-1-0	0.45	0 (25m)	———
8+75N	dk grey	0-1-4-3-2	0.55	0 (25m)	in gully;
9+00N	brown	0-2-3-3-2	0.25	30° (30m)	covered talus; poor sample
9+25N	tan-grey	4-4-1-1-0	0.65	0 (25m)	—
9+50N	lt. org-brn.	4-4-1-1-0	0.50	0 (25m)	hit rock @ bottom
9+75N	tan	0-8-1-1-0	0.25	5 (25m)	" " " "
10+00N	tan	2-8-1-1-0	0.50	5 (25m)	———
10+25N	tan	2-6-1-1-0	0.50	5 (26m)	———
10+50N	brown	2-5-1-2-0	0.50	5 (25m)	———
10+75N	tan	0-7-1-2-0	0.75	15 (25m)	o/c qtzite lm, ja; ash
11+00N	NS - covered boulder / talus field				gully
11+25N	dk grey	0-4-1-2-5	0.10	20° (30m)	slope
11+50N	orange-brown	0-6 1-2-1	0.30	0° (25m)	lim. staining!
11+75N	brown (lt)	3-4-2-1-0	0.60	6 (26m)	org chips
12+00N	yellow-tan	3-6-1-0-0	0.35	0 (25m)	———

* 206m from L74 12+00N to L76; intersect L76 @ 11+95mN

FRANCOIS

AUGUST 19th

WEATHER warm; scattered 4/10 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 analyses > 10,000 ppm.

* thin section should be made of mineralized rock

- look up pectolite

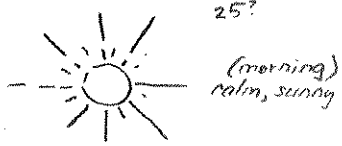
* how about using a winkie drill @ KAL / CAVE

AUGUST 20th

Helicopter move to François Area = 2.5 hrs

TL 11+00S; 50+00 E 3m west of Post 2 NORA 24 ✓
Post 1 NORA 26 ✓
23 ?
25 ?

AUGUST 21st



(morning) calm, sunny

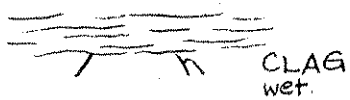
Lee & Arden soiling L63+00W
Rick - Mag

Claim post

* Mag L65+00W is officially 70m E of the cut L66+00W which is ~ 30m E of picket TL 10+00S, 66+00W. It is also 30m W of L62+00W

* Started mag @ 11+00S on L65W; @ the O pt I ended up 30m S of the BL; and intersecting the TL, L65W is 81m W of L64

AUGUST 23rd



* Picket "TL 11+00S 66+00W" is 33m W of actual cut line 66+00W; Flagged EM1 1993 soil auger & mag line 100m from cut 66+00W ∴ it is 67+00W.

SOIL AUGER L67+00W

STATION	COLOUR	C-S-Sa-G-O COMPOSIT	DEPTH	COMMENTS
11+00S	Brown	2-4-1-0-3	0.70	start on tie line
10+75S	Brown (dk)	4-2-1-3-0	0.90	flat
10+50S	Brown	6-1-1-2-0	0.80	flat, mossy
10+25S	Brown	7-1-0-2-0	0.85	flat, mossy
10+00S	Brown	6-1-0-3-0	0.95	rounded peb; glacial till
9+75S	Brown	8-1-0-1-0	0.70	glacial clay
9+50S	Brown	6-1-1-2-0	0.65	" " " "
9+25S	Brown	6-1-2-0-0	1.00	slope; gentle
9+00S	Brown	4-1-2-3-0	0.60	dry
8+75S	Grey-brown	7-0-0-3-0	0.80	glacial clay & rounded peb
8+50S	Brown	6-1-1-2-0	0.80	" " " "
8+25S	Grey-brown	7-1-0-2-0	1.00	clay - wet
8+00S	dk grey-brown	6-1-0-0-3	0.80	frozen bottom - went thru humus
7+75S	NS			org + perm
7+50S	NS			insulated; perm + org
7+25S	NS			" " "
7+00S	brown	9-1-0-0-0	0.65	hit perm
6+75S	yellow-brown	6-3-0-1-0	0.70	alder patch
6+50S	brown	3-6-1-0-0	0.70	dry <5% ash dilution
6+25S	yellow-brown	2-7-1-0-0	0.80	" " " "
6+00S	lt. brown	4-1-2-3-0	0.90	alder patch
5+75S	brown	4-3-1-2-0	0.55	flat
5+50S	brown	4-3-1-2-0	0.60	dry; alder patch

L68+00W

5+50S	grey-brown	4-5-1-0-0	1.3	— limits of auger...
5+75S	grey-brown	1-2-4-3-0	0.6	—
6+00S	brown	3-4-1-2-0	0.5	mottled, dk & lt 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-Si-O	DEPTH	COMMENTS
6+25S	H brown	1-6-1-0-2	0.4m	dry. 5-10% ash
6+50S	brown	5-4-0-0-1	0.8	20% fim. staining, old crack bot 5m
6+75S	H brown	0-6-3-1-0	0.35m	dry;
7+00S	NO SAMPLE...			0.4m to pf - just under root
7+25S	NO SAMPLE...			0.4m to pf - organics
7+50S	NO SAMPLE...			0.4m to pf. - org + ash
7+75S	grey-brown	8-2-0-0-2	0.45m	org. dilution (20%)
8+00S	NO SAMPLE...			0.4m to pf. - organics
8+25S	NO SAMPLE...			0.45m to pf, orgs; (even near trees)
8+50S	NO SAMPLE...			0.4m to pf. + org + ash
8+75S	NO SAMPLE...			0.5m to pf.
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(ish)	2-8-0-0-0	0.9	hit pf at .85m
10+00S	grey, green, brown(ish)	5-4-1-0-0	0.75	hit pf at 0.75m.; wet...
10+25S	grey, green, brown	0-4-3-2-1	0.5	hit pf 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	glacial? limonitic...; some ash (5-10%)
11+00S	orange-brown	0-6 2-2-0	06	
11+25S (from TL)	brown	1-5-3-1-0	0.65	similar with depth, more fim. staining
11+50S	brown	2 6-1-1 0	0.4	more clay rich w/ depth, "

L13+50E / between 10+25N
& 10+00N
about ½ way between –
actually closer to 10+00N

Small hillside o/c about
2m/squared $2m^2$

Dark grey, carbonaceous, moderately hard argillite/phyllite. Noncalcareous. Irregular S1 cleavage. Weathers w/ mottled rust brown surface coating.

S1 120/87S

L13+50E

$1m^2$ hillslope outcrop ½ between
7+75N & 7+50N

Dark grey, carbonaceous, phyllite/argillite. Irregular S1 cleavage. Weathers w/ mottle rust brown & rust red surface coating. Only moderately soft

S_1 130/82SW

spaced jointing 022/83W

AUGUST 11/93

Totally cloudy & drizzly w/ some clague. Cool

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

Tie into Aurum 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, 9+7[illegible]

Outcrop trends along strike of S1 foliation

Shiny black, hard, carbonaceous, noncalcareous phyllite / argillite. Numerous [illegible] qtz veins parallel w/ foliation. Irregular S1 Siliceous.

S1 130/72SW

Outcrop extends for 10m to south [illegible]

Line 16+50E

Ridge of o/c extends from (About 8+75 in actuality)

9+37N to 9+25N

Uppermost exposure / looks like abundant outcrop straight downslope

Just downslope from station have chopped pad cut out by axe. 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 grey phyllite/argillite. Breaks w/ irregular S1 cleavage surface. Brown limonite stain on weathered surfaces.

② Dark grey siltstone to fine sandstone. locally slightly calcareous. Block grs. clast. Abundant pits - weathered sulphides? - reminds me of CAVE showing.

③ Dark grey, fine- to medium xline limestone. Locally platey. Don't know if bed or concretion. Appears to extend few metres along strike.

From 16+50E / 6+00N on bearing 110°.

Small 1 m² o/c in steep hillslope. Slumped - No structure

Dark grey, noncalcareous silty argillite/phyllite. Moderately hard. Not extremely carbonaceous. Weathers w/ mottled brown limonite stain on S1.

Dominant S1 cleavage is irregular - breaks on S1.

No structure because slumped?

Traversing North on line 1650E Anaconda cut line.

→ Actually 5+30 N

Outcrop @ 5+20 N Exposed in hillside as tree roots fall over. Shallow soil exposure small of also on Baseline.

Soft, silvery grey, slightly calcareous phyllite. Contains thin light grey calcareous siltstone beds ~ to 0.5 cm ... S1 subparallel to S0 Weathers w/ mottled brown surface coat

All exposures look slumped. No structure.
Possible Rechilka Group.

Sample Taken.

LINE 16E ANACONDA BASELINE

Aurem range flag 5+75N

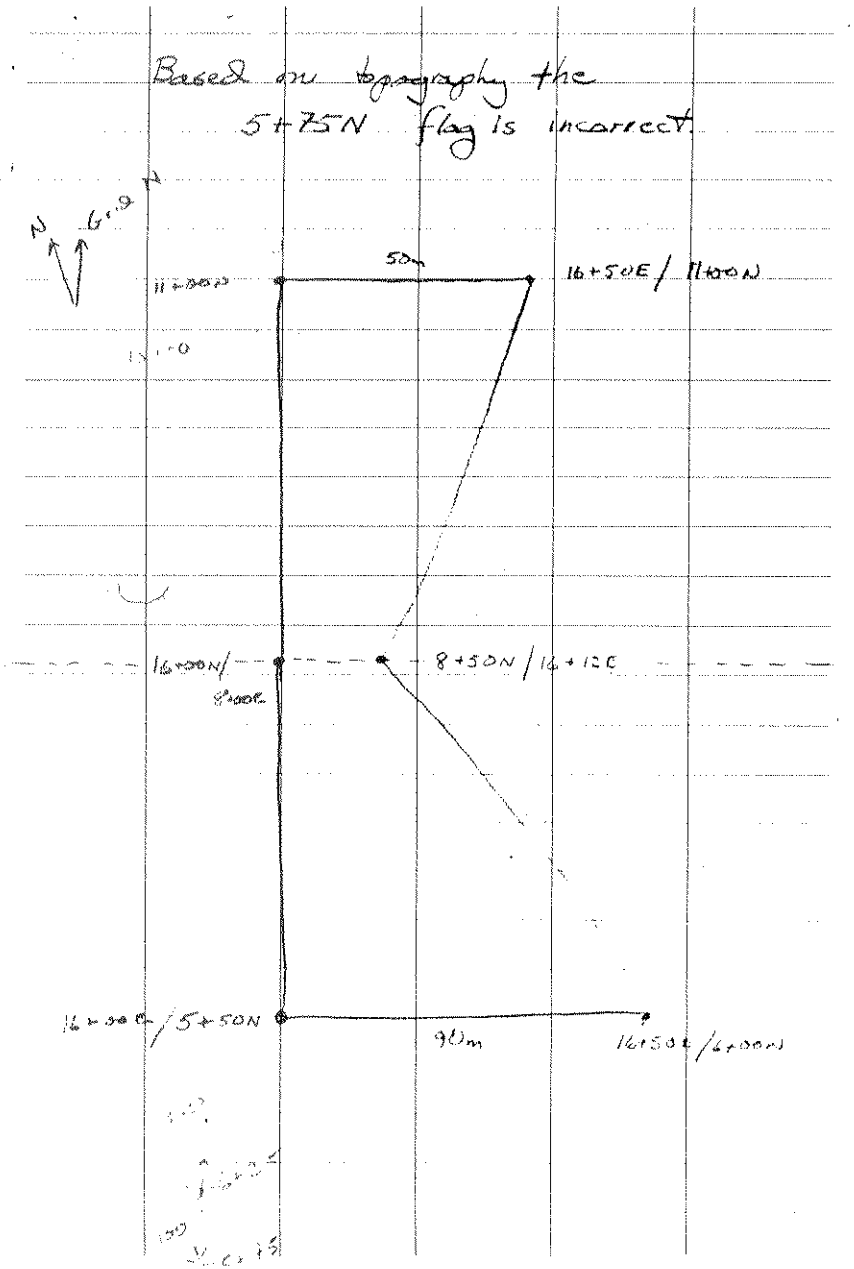
1) Aurem range flag 6+25N is actually 6+75N if accept their 5+75N as being accurate.
Actual distance between "5+75N & "6+25N" is 100m.

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+25 N (Aurem flags)
small debris/scree slope of subcrop/s
phyllite chips No o/c

Based on topography the 5+75N flag is incorrect.



L. Pigage
A. Bachforth

AUGUST 12/93 DROMEDARY PROJECT / CAVE AREA.

Rain in AM followed by partly cloudy w/ clag...

SOIL GEOCHEMICAL 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 grey 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 grey brown	1-3-3-2-1	0.7	gentle slope, mature forest dark argillite chips
6+75N	dark grey brown	2-3-2-3-0	0.6	steep slope, mature forest, abundant argillite chips
7+00N	dark grey	1-3-3-2-1	0.55	steep slope, mature forest
7+25N	dark grey	1-3-2-3-1	0.3	avalanche chute - steep numerous rock chips
7+50N	dark grey brown	1-2-2-3-2	0.3	scree slope w/ much rock
7+75N	dark grey 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°

STATION	COLOUR	COMPOSIT	DEPTH (m)	COMMENTS
8+50N	black	0-1-1-5-4	0.45	steep slope - o/c up ahead scree m. surface Abundant argillite gravel in sample

E.O.L. 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 grey brown	2-3-3-1-1	0.35	steep slope, mature forest

* CHAINED from 16+00 / 10+50N (Aurem) flag to 16+00E/11+00N (same station as yesterday) — then downslope 30m on bearing 290°
Now proceeding across slope @ 200°

STATION	COLOUR	COMPOSIT	DEPTH (m)	COMMENTS
10+75N	dark grey brown	1-3-2-2-2	0.45	steep slope, young spruce + birch numerous black argillite chips
10+50N	grey-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 grey brown	1-2-2-3-2	0.3	steep slope, small trees edge of runoff channel Several tries were just organics + gravel.
9+75N	black	1-3-3-1-2	0.3	steep slope, small trees abundant black argillite chips
9+50N	black	1-3-2-2-2	0.45	moderate slope - young trees Abundant black argillite chips o/c nearby
9+25N		0-0-1-4-4	0.3	steep slope - young trees o/c - major ridge just ahead. Several tries resulted in organics + rock chips

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 Aurcore 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 ≈ 110° on 30
Outcrop about 6m × 8m = 48m²
Rusty orange brown, limonitic / dark brown manganese oxide stained siltstone to fine grained. Primary colour dark grey
Dominant break 112/78S — probably So bedding(?)
Spaced fracture 113/36S — possibly S1 or just fracture/joints.

Chip Sample C6901 over 1m interval across strike 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 grey, hard, siliceous fine siltstone Weathers w/ orange-brown limonitic or dark brown Mn-oxide stain. Irregular surface of breakage

So = strong fabric 160/90
S1? = gentle fracture/joint 145/22 SW

15+50E / 7+60E to 7+75E
Scree slope & cliff outcrop
To south siltstone — dark grey and finely crystalline dark grey argillaceous limestone
To north is fine, dark grey, siliceous argillite to porcellanite.
Arden noted fossils in limy argillite. brachiopod + cephalopod

Test Soil Pit Samples
9211 GSR 05 & 06
TR 92-3
on new cut line 16+00E on
south side of ridge 15m south of
edge of outcrop / along cut lines

At 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 porcellanite/chert.
Spots of rust brown up to 1cm across.

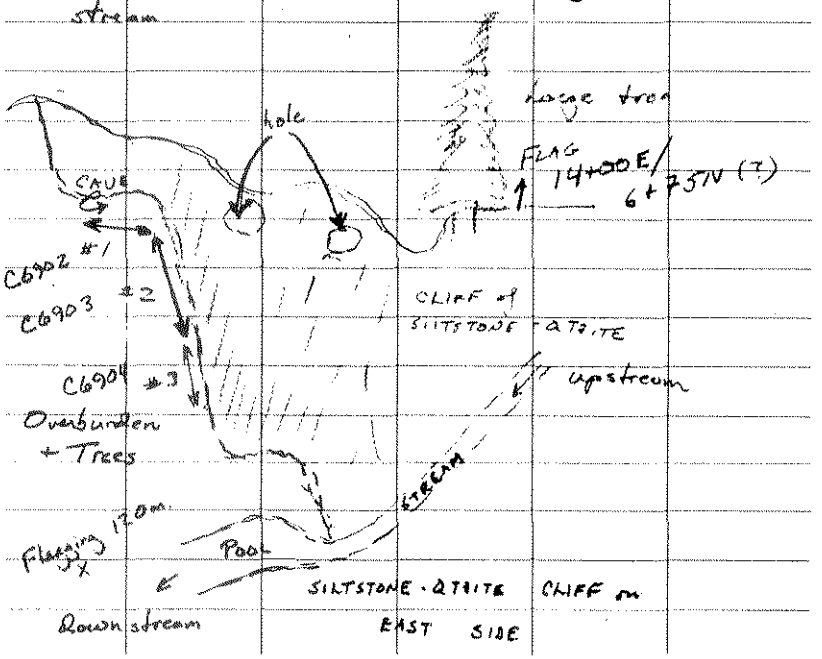
Two surfaces of breakage.
Slaty cleavage S_1? 086/86S
Spaced fracture edge S_0? 086/50S

Possible nodule holes 3-4cm across.

August 13/93 CAVE SHOWING

Chip Sampling Gossans near CAVE SHOWING
1. Pigage
2. Bashforth

View looking West from Flagging labelled 8812151 Looking across stream



X FLAG (8812151

SAMPLE # 1 C6902 1.0m

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

Thinly banded, dark grey 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 ⊥ bedding / cleavage

Dominant banding (= S0 bedding?)
117/84S

JOINT + VEIN + GOUGE 022/65E

SAMPLE # 2 C6903 1.0m

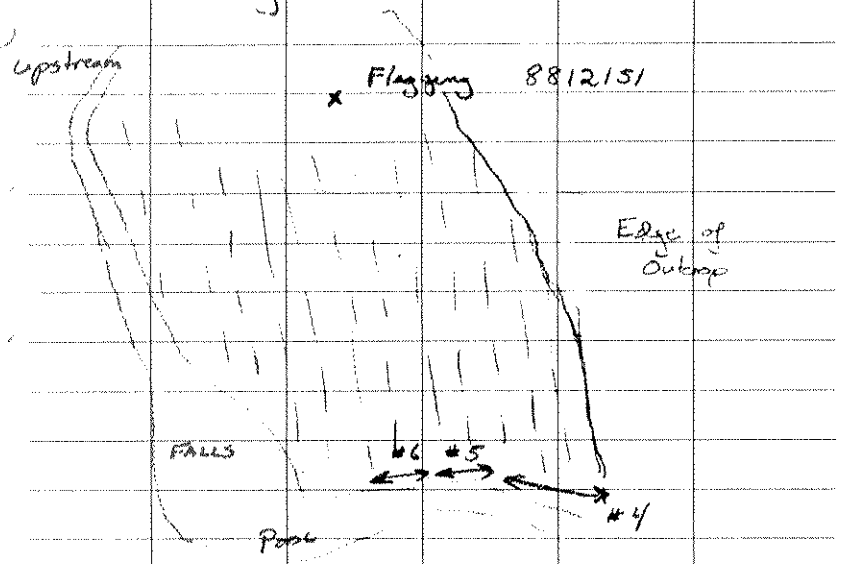
Continuation of sample # 1 - 1m upstream
Same unit

SAMPLE # 3 C6904 1.0m

Continuation of Sample # 2 - 1.0m upstream - possible slaty cleavage S1 106/84N

Same unit Spaced fracture (2-3cm)
135/75 SW parallel (S0?) 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 bedded, 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. S1 slaty cleavage is not really visible.

SO (?) 104/87 S

SAMPLE C 6908 1.0m

17m metres downstream from Aurora 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 gritty sandstone. Has dark rust brown surface coating. Very-very hard & resistant. Thick bedded.

SO 102/83S

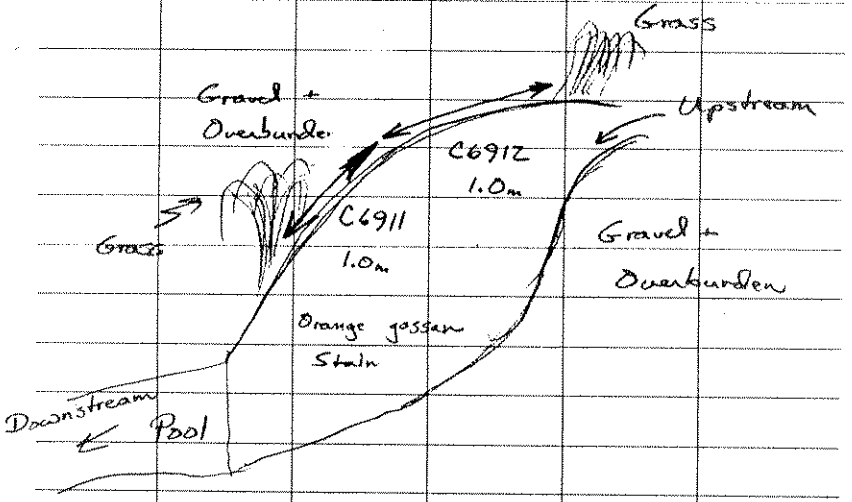
Quartz with interstitial network of sulphides — Dominantly fine pyrrhotite. Some tarnish suggestive of chalcopyrite. Locally has breccia texture.

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



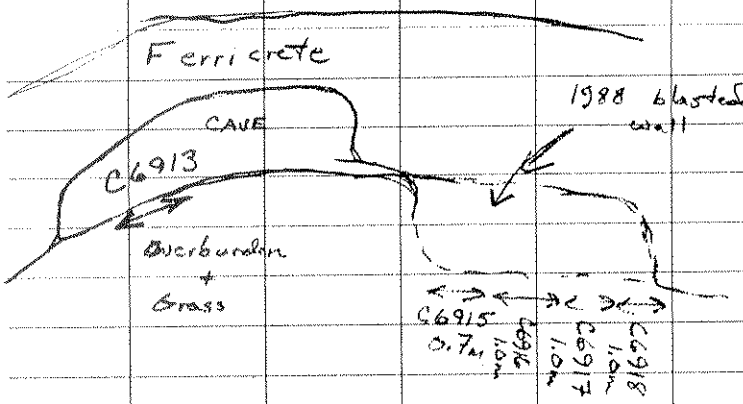
Two Samples – Both are same Unit

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

No structure visible in outcrop

SAMPLE C6919 0.5m.

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

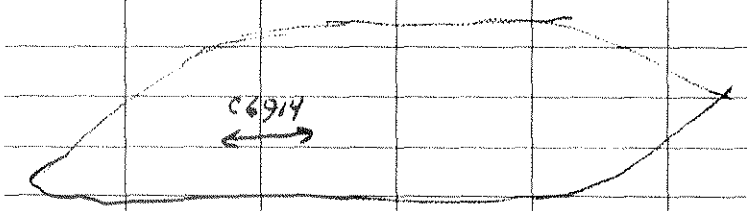
Dark grey thinly bedded argillite. Siliceous. Breaks along bedding 2-3cm across. Weathers w/ dark rust brown surface coating.

So (?) 102/78N

CAVE SHOWING

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

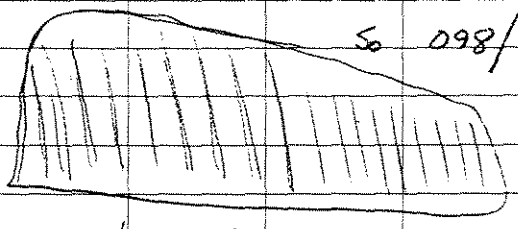
Dark grey, carbonaceous, silicified, siltstone. Very strong red brown rust surface coating — even on freshly exposed face. Contains qtz veins oriented nearly ⊥ to wall & so bedding.

So bedding 075/72S

Qtz vein 023/86W

Sample includes minor gouge and quartz vein

Trench Wall Looking West



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

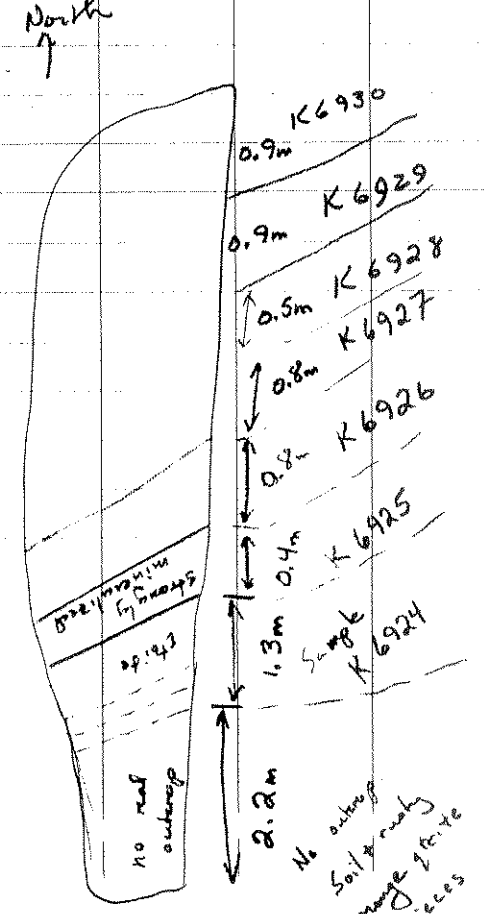
August 17/1993

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

Bedding 115/70 N

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 acicular crystals (actinolite/anthophyllite?). Around the crystals is fine net-work of dark brown sphalerite (blackjack). Also have irregular aggregates of finely to medium xlline galena. Magnetic response indicates fine-grained pyrrhotite is present.

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

On 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 qtzite it is very hard; where dominantly green mineral it is very soft & punky.

Sample K 6927 0.8m.

Interval 4.7 - 5.5m

So bedding 112/60N

Medium grey, medium xlline, ~~~ 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 grey, thin bedded qtzite 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.

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 patchy orange-brown limonite.

Sample K 6930 0.9m
Interval 6.9 - 7.8m

Same unit as last interval.
Unmineralized.

August 21/1993 — L. Piggge, A. Bashforth.

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

Auger soil samples on Line 63+00W — FRANCOIS GRID

SOIL GEOCHEM LINE 63+00W

No slope correction required

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

STATION	COLOUR	COMPOSIT c-s-sa-g-o	DEPTH (m)	COMMENTS
8+50S	grey brown	3-4-2-1-0	0.8	no ash, N-facing slope slightly wet
	Encounter Cut LINE @ 8+30S			
	7 m to east encounter picket 6275W/8255			
	Prepared drill site (cut for chopper) @ 62+00W/8+25S			
	Cut line does not appear to proceed further WEST beyond 63+00W			
8+25S	brown	0-3-5-2-0	0.4	no ash, nearly flat, alders
8+00S	green grey brown	5-3-2-0-0	1.0	nearly flat, alders
	Encounter another cut line running with orientation 160° @ 8+00S			
7+75S	green grey brown	5-3-2-0-0	0.7	flat w/ alder, sample very cool
7+50S	dark grey brown	5-3-2-00	0.8	flat w/ alder. stopped by permafrost. thick organic layer
7+25S	dark grey brown	5-3-2-00-0	0.6	stopped by permafrost flat - alder
	Encounter cut line @ 7+30S - orientation 110°			
7+00S	tan brown	4-3-2-0-1	0.6	flat. Stopped by permafrost
6+75S	green grey brown	5-4-1-0-0	0.8	flat c/ alder
6+50S	dark green grey	4-2-4-0-0	1.3	very wet clay & sand. stopped by auger limits
6+25S	— No Sample — organics then permafrost			

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 – sample 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 ferricrete 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			

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 B/L	Green-grey brown	3-1-4-2-0	0.95	on cut line, Flat slope Wet & sandy
Cut Line @ 290m from last station				
A1 Baseline at 4:30 PM				
Arrive @ B/L 32m	62+00W in 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

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00854.0 (COMPLETE) Cone 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
S1 L16+50E 10+75N		<0.2	22	25	107
S1 L16+50E 11+00N		<0.2	30	49	156
S1 L73+00E 7+00N		<0.2	32	112	190
S1 L73+00E 7+50N		<0.2	24	18	128
S1 L73+00E 7+75N		<0.2	23	22	260
S1 L73+00E 8+00N		<0.2	46	40	463
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
S1 L74+00E 10+50N		<0.2	28	48	135
S1 L74+00E 10+75N		<0.2	11	80	98
S1 L74+00E 11+25N		0.8	14	270	129
S1 L74+00E 11+50N		<0.2	22	59	90
S1 L74+00E 11+75N		<0.2	32	16	86
S1 L74+00E 12+00N		<0.2	20	15	72

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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
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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Geochemical Lab Report

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Rk chips

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

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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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Certificate of Analysis

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SAMPLE NUMBER	ELEMENT UNITS	Pb PCT
R2 K6925		1.68
R2 K6932		1.62
R2 K6933		1.39

Rk. Chip.

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Registered Assayer, Province of British Columbia

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

FROM

-850	58380.0	.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

Line: -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

AURUM GEOLOGICAL CONSULTANTS INC.

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**

412–675 West Hastings Street
Vancouver, British Columbia
Canada V6B 1N2
Tel: (604) 683-9656
Fax: (604) 683-7625

P.O. Box 4367
Whitehorse, Yukon
Canada Y1A 3T5
Tel: (403) 667-4168
Fax: (604) 668-2021

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 ENERGOLD PACKAGE Silver Copper Lead Zinc	at $ 6.00	$ 756.00	$ 756.00
Sample Preparation			
126 Samples of DRY, SIEVE -80	at $ 1.25	$ 157.50	
Subtotal		$ 157.50	$ 157.50
Miscellaneous Charges			
TAX GST [illegible]			
Subtotal		$ 63.95	$ 64.95
Invoice Total:			$ 977.45 Cdn

PLEASE REMIT TO:

ACTION AVIATION

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

Invoice Number № 1410

Invoice To: Energold Minerals Inc.
Address:

Date Aug. 26/93
Re:

A/C C-GGOL
Pilot Glos

No. Pssgrs	Cargo	From	To	To	Rate	Miles	Hours	Charges
		Clear Lake	Whitehorse		2.00	150		300.00
		Whitehorse	Clear Lake	Whitehorse	2.00	300		600.00
								900.00
		Dromedary		GST				63.00
								963.00
			Approved.					
			W. D Pelkman					
			Dromedary - Aircraft - Fixed Wing					
			Sept 7/93.					
		GST#—R104634555						
				TOTAL				
				Amount Charged				963.00

2% per month (24% per annum) charged on Overdue Accounts

Due upon receipt of Invoice.

REMIT PAYMENT TO:
TRANS NORTH AIR
TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: ENERMIN
INVOICE NUMBER: 92220
INVOICE DATE: 31 08 93
AREA: B.C. ☐ YUKON ☐ NWT ☐ ALTA ☐

CHARTERER: ENERGOLD MINERALS
BILLING ADDRESS: 21 - 1114 - 1st Ave
Whitehorse, YT Y1A 1A3

A/C TYPE: B.206
AIRCRAFT REGISTRATION C: F E X P
FLIGHT DATE: DAY 25 MONTH 08 YEAR 93
PURCHASE ORDER NO.

FUEL & OIL-X TNTA	FUEL & OIL-X CUST.	TNTA FUEL USED	HRS./LITRES	FROM
✓			2.3	CMX

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS -	FREIGHT Kg
CARMACKS	DROMEDARY					
DROMEDARY	DEMOB CAMP					
DEMOB CAMP	CARMACKS					

SUB	G.L.	AMOUNT				
1907	502	1495	00	2.3 @ 650⁻	1495	00
1900	131	186	16			
0000	323	117	68			

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
FUEL:	@ /LITRE		
MEALS & LODGING			
OTHER Subtotal		1681	16
OTHER		117	68
TOTAL	$	1798	84

X _____ CHARTERER'S SIGNATURE
BHP _____ PILOT'S SIGNATURE
INITIALS _____ CO-PILOT'S NAME
_____ ENGINEER'S NAME
_____ CYCLES

K.

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) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: ENERMIN
INVOICE NUMBER: 92217
INVOICE DATE: 31 08 93
AREA: B.C. ☐ YUKON ☐ NWT ☐ ALTA ☐

CHARTERER: ENERGOLD MINERALS
BILLING ADDRESS: 21 - 1114 - 1st Ave
Whitehorse, YT Y1A 1A3

A/C TYPE: B.206
AIRCRAFT REGISTRATION C: F E X P
FLIGHT DATE: DAY 20 MONTH 08 YEAR 93
PURCHASE ORDER NO.

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

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS -	FREIGHT Kg
CARMACKS	DROMEDARY					
DROMEDARY	CAMP MOVE					
CAMP MOVE	CARMACKS					

SUB	G.L.	AMOUNT				
1907	502	1625	00	2.5 @ 650⁻	1625	00
1900	131	202	35			
0000	323	127	91			

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
FUEL:	@ /LITRE		
MEALS & LODGING			
OTHER Subtotal		1827	35
OTHER		127	91
TOTAL	$	1955	26

X _____ CHARTERER'S SIGNATURE
BHP _____ PILOT'S SIGNATURE
INITIALS _____ CO-PILOT'S NAME
DPH _____ ENGINEER'S NAME
_____ CYCLES

K.

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 N[...] TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: ENERMIN
INVOICE NUMBER: 92204
INVOICE DATE: 17 08 93
A/C TYPE: B.206
AIRCRAFT REGISTRATION: C-FEXP
FLIGHT DATE: DAY 09 MONTH 08 YEAR 93
PURCHASE ORDER NO.

CHARTERER: [E]NERGOLD MINERALS
BILLING ADDRESS: [2]1-1114 -1st Avenue, [W]hitehorse, Y.T Y1A 1A3

FUEL & OIL-X / CUST. — TNTA FUEL USED — HRS./LITRES 2.8 — FROM Cmx

	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT Kg
CARMACKS					
CLOSE UC		.6			
CAMP MOVE		1.4			
CARMACKS		.8			

DROMEDARY - Helicopter
H. D Sellmer
Sept 7/93

SUB	G.L.	AMOUNT
[1]907	502	1820.00
[1]900	131	226.49
[0]000	323	143.25

2.8 @ 650.00 — 1820.00

[TERM]S: PAYABLE UPON RECEIPT OF INVOICE
[2% IN]TEREST PER MONTH (24% PER ANNUM) WILL BE [CHAR]GED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. [IF INT]EREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A [CASH] BASIS.

CHARTERER'S SIGNATURE
PILOT'S SIGNATURE
[INITI]ALS
CO-PILOT'S NAME
ENGINEER'S NAME — DH
CYCLES

WAITING TIME	@ /HR.	
FUEL:	@ /LITRE	
FUEL: 319l	@ .71 /LITRE	226.49
MEALS & LODGING		
OTHER	SubTotal	2046.49
OTHER	GST 121-483-135	143.25
TOTAL	$	2189.74

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ACCOUNT NUMBER: ENERMIN
INVOICE NUMBER: 92209
INVOICE DATE: 17 08 93
A/C TYPE: B.206
AIRCRAFT REGISTRATION: C-FEXP
FLIGHT DATE: DAY 16 MONTH 08 YEAR 93
PURCHASE ORDER NO.

CHARTERER: ENERGOLD MINERALS
BILLING ADDRESS: 21-1114 -1st Ave, Whitehorse, Y.T Y1A 1A3

FUEL & OIL-X: TNTA ✓ CUST. — TNTA FUEL USED — HRS./LITRES 3.2 — FROM CMX

	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT Kg
FROM CARMACKS					
TO CAVE		.8			
CAMP MOVE		1.5			
CARMACKS		.9			

DROMEDARY - Helicopter
H. D Sellmer
Sept 7/93

SUB	G.L.	AMOUNT
1907	502	2080.00
1900	131	259.15
0000	323	163.74

3.2 @ 650.00 — 2080.00

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.

X
CHARTERER'S SIGNATURE
BHP — PILOT'S SIGNATURE
INITIALS
CO-PILOT'S NAME
ENGINEER'S NAME — DPH
CYCLES

WAITING TIME	@ /HR.	
FUEL: 365l	@ .71 /LITRE	259.15
FUEL:	@ /LITRE	
MEALS & LODGING		
OTHER	SubTotal	2339.15
OTHER	[...]483-135	163.74
TOTAL	$	2502.89

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