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YGC RESOURCES LTD.
26 LIARD ROAD
WHITEHORSE, YUKON TERRITORY
Y1A 3L4

PELLY RIVER PROJECT

SEPTEMBER, 1999 GEOPHYSICAL REPORT

ON THE

LOU 1-8
MINERAL CLAIMS

In The

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

NTS 105 K/2
Latitude 62°08' N Longitude 132°57' W

R. Stroshein, P. Eng.

April 24, 3000

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 2000.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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1. SUMMARY

The Lou claims are located along the Pelly River within the Tintina Trench between Ross River and Faro, Yukon Territory, Figure 1. The claims are underlain by sedimentary rocks which were deposited along the contemporaneous Vangorda Fault, a strand of the Tintina Fault system.

Anomalous geochemical gold values have been obtained from silicified, pyritiferous, calcareous, brecciated sandstone, siltstone, conglomerate, and limestone beds at two localities on the property. Gold values from outcrop assay up to 820 ppb and typically range from above detection to 200 ppb. Anomalous levels of arsenic, antimony, mercury, and silver indicate a possible plutonic relationship for the mineralization which is typical of sediment hosted disseminated gold (SHDG) type deposits.

A VLF-EM survey has been carried out along northwest-southeast oriented grid lines to test for northerly trending extensional structures cross cutting the stratigraphy. The survey used the Hawaii VLF transmitter.

Detailed geological mapping, lithogeochemical sampling, systematic soil sampling, and geophysical surveys are recommended to further evaluate the claims.

2. INTRODUCTION

The Lou claims are located along the Pelly River approximately 30 kilometres northwest of Ross River, Yukon Territory. The property consists of 40 quartz claims owned by Allen Carlos of Whitehorse. YGC Resources Ltd. (YGC) has purchased an option to earn a 100 % interest in the property. The claims were staked to cover the trace of the Vangorda Fault in the area of several mineralized gold showings.

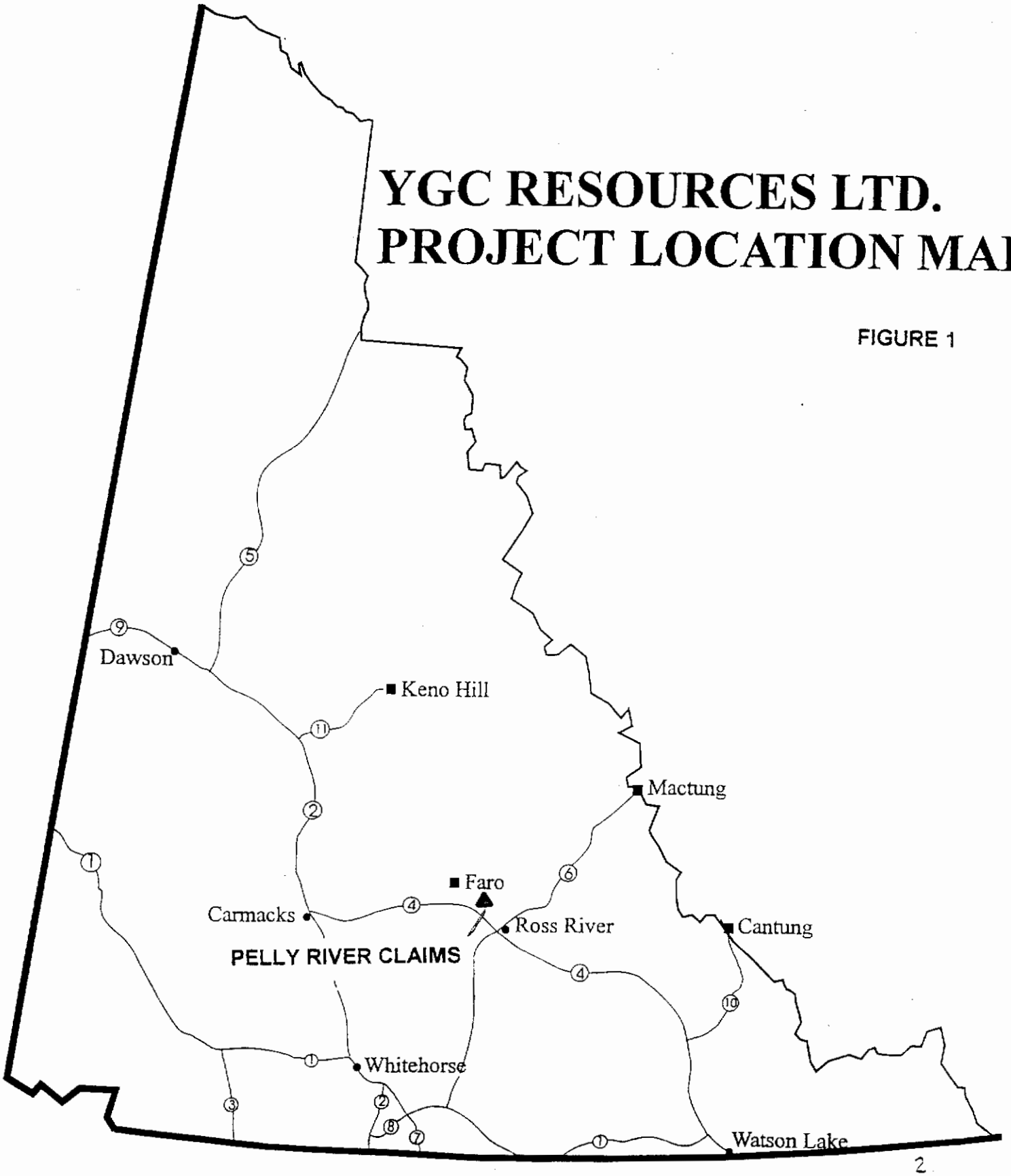
The objective of the VLF-EM was to locate possible northerly trending extensional structures trending from the mineralized showing on the baseline near the Pelly River.

2.1 Location, Access, and Physiography

The property is located 30 kilometres northwest of Ross River along the Pelly River. The claims are located on NTS map sheet 105 K/2, centred at approximately 132° 59' West longitude and 62°08' North latitude. Access to the property is by river boat or helicopter which is available for casual charter from Ross River.

YGC RESOURCES LTD.
PROJECT LOCATION MAI

FIGURE 1



The claims cover an area of relative steep river bank immediately north of the Pelly River. A creek locally known as Moose Creek transects the claim block. Glacial till generally obscures bedrock and outcrops are primarily exposed along the river bank or along resistant ridges sub-parallel to the regional northwest trend of the Tintina Trench and Pelly River valley.

2.2 Property Definition and Claim Status

The property is composed of the Lou 1 - 8 (YB66335 - YB66342) claims. The claims are located on claim sheet 105K/2 in the Whitehorse Mining District, Figure 2. The claims cover an approximate area of 165 hectares. All claim posts have been tagged and inspected to ensure compliance with the regulations of the Yukon Quartz Mining Act.

The claims are held by Allen Carlos of Whitehorse. The Lou claims have an anniversary date of January 16. YGC has purchased an option to acquire a 100 % interest in the property by making certain payments and carrying out exploration on the claims.

3.0 HISTORY

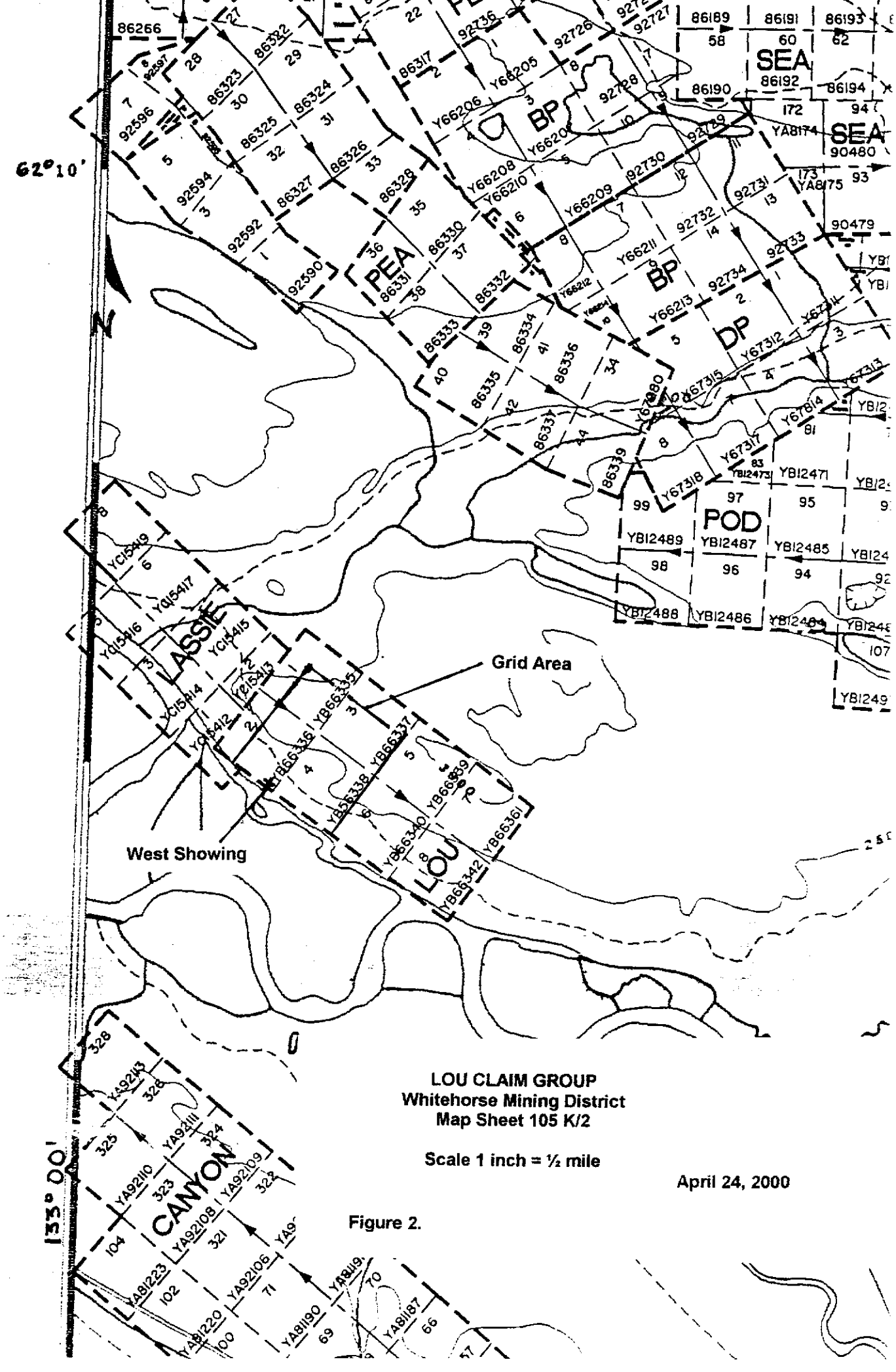
The area of the West showing was first staked in 1965 at the time of the Anvil rush. Early work included airborne geophysical surveys and reconnaissance mapping by Silver Arrow Mines Ltd. The property was restaked in 1976 by Welcome North Mines Ltd. as part of the Vangorda Project. Welcome North carried out reconnaissance geological and geochemical surveys in 1977. Arther John restaked the property as the Lou claims in 1993 and transferred the property to Allen Carlos who added the Lassie claims in April 1997. YGC conducted rock sampling on the claims in 1998.

The Anvil District was mapped by D.J. Templeman-Kluit (1972) of the Geological Survey of Canada (GSC). Regional Mapping was carried out and published by Gordey and Irwin (1987) of the GSC.

The area was covered by the GSC OF 2174 105 K E 1/2; Regional Stream Sediment and Water Geochemical Reconnaissance survey in 1989.

4.0 REGIONAL GEOLOGY

The property is located within the Tintina Trench and is underlain by Triassic aged polymictic conglomerate, quartzite, calcareous shale, and silty limestone which were deposited along the contemporaneous Vangorda Fault. The Vangorda Fault is a strand of the Tintina Fault System which has been traced over a distance of 64



LOU CLAIM GROUP
Whitehorse Mining District
Map Sheet 105 K/2

Scale 1 inch = ½ mile

April 24, 2000

Figure 2.

kilometres. The fault is a steeply southwest dipping structure which has been intruded by serpentinite. The serpentinite bodies have a distinct magnetic response which helps define the fault trend.

The Tintina Fault system is a zone of major transcurrent faulting on which about 500 kilometres of right lateral displacement has been postulated. Displacement along the fault has apparently occurred since Early Triassic time. The fault system in the region is made up of an extensive branching, northwest trending network about 13 kilometres wide. The faults tend to be steeply dipping or near vertical.

North of the Tintina Trench, the Anvil Range is underlain by granodiorite that forms the Anvil Batholith of Mesozoic age. A sequence of Proterozoic and Palaeozoic rocks of the Selwyn Basin flank the Anvil Batholith.

South of the Tintina Trench, Palaeozoic sedimentary rocks consisting of phyllite, argillite, and chert of the Kechika group are exposed in the Pelly Cassiar Platform.

5.0 PROPERTY GEOLOGY

Discontinuous outcrops of Carboniferous to Triassic age resistant, massive, poorly sorted pebble conglomerate with interlayered recessive black shale, quartzite, calcareous shale, and limestone occur over a distance of several kilometres along the Pelly River. The Unit has been mapped as Unit 10 by Tempelman-Kluit (1972) and CTncg by Gordey and Irwin (1987).

The conglomerate is resistant and massive in outcrop. The rounded fragments are of variable size ranging from coarse sand to several inches across. Clasts are made up of quartzite, chert, basalt, and limestone. Locally the matrix is micaceous but is generally siliceous. The conglomerate locally grades to coarse grained poorly sorted micaceous sandstone or quartzite. Tempelman-Kluit interpreted the conglomerate unit as being deposited along the scarp of the Vangorda fault.

Thin bedded and platy, grey silt banded, and calcareous shales are locally interbedded with argillaceous limestone within the conglomerate unit.

The Vangorda fault zone trends across the claims near the northeastern boundary of the claims. The fault separates Anvil Range basalt (CPav) northeast of the fault from the CTncg unit southwest of the fault.

The bedding of the sedimentary units is generally east to east-southeast and dips steeply to the southwest (69° - 90°). The general trend appears to be a upward coarsening sequence in the area of the East showing with micaceous sandstone overlying siltstone which in turn overlies shale. Breccia zones appear to be irregular

masses with no distinct trend but a strong shear zone crosscuts the shale unit at 070° in the immediate vicinity of the East showing.

Mineralized showings of disseminated to massive pyrite in silicified and brecciated sediments outcrop at two localities approximately two kilometres apart (Figure 2). The West showing located on the Lou 1 claim was previously sampled and yielded gold assays of up to 820 ppm. The gold mineralization occurs with silicified brecciated conglomerate or limestone. The East zone is located on the Lassie 24 claim and geochemical gold values (73 - 89 ppb gold) occur over 200 metres along the river bank. The gold values appear to be related to silicification and wispy quartz stringers although disseminated sulphide and or iron oxide were noted at each anomalous sample site. The brecciated and mineralized zones occur as discordant bodies in micaceous sandstone or calcareous siltstone and shale.

6.0 GEOPHYSICAL SURVEY

The stratigraphic succession on the property trends northwesterly along the orientation of the Pelly River valley but the mineralization is possibly related to northerly trending extensional structures related to movement along the northwesterly trending Tintina Fault system.

Grid section lines were nominally established at 50 metre intervals along the 035° trending baseline. Intermediate section lines were used to fill in on anomalous areas at the northern end of the grid. The section lines begin at 9+910 N along the river and were established at regular intervals from 10+000 N just north of the showing to 10+600 N. The baseline was blazed and flagged and section lines were chained and flagged at 12.5 metre intervals.

A Geonics EM-16 instrument was used for the survey with readings taken at 12.5 metre intervals along the section lines. The in-phase and quadrature readings were recorded at each station. The Hawaii (21.4 KHz) transimitting station was used in the survey. All readings were taken by facing the direction of the station and turning clockwise 90° before taking the readings.

The survey took eight days to complete between September 17 and 28, 1999. The lines were chained and surveyed by Allen Carlos. Property access was by river boat from a landing on the east side of the Pelly River near the old Blind Creek road.

6.1 Results

The results of the survey are presented on the contoured Fraser Filter map Figure 3. The actual readings as recorded in the field are contained in the Appendix 2.

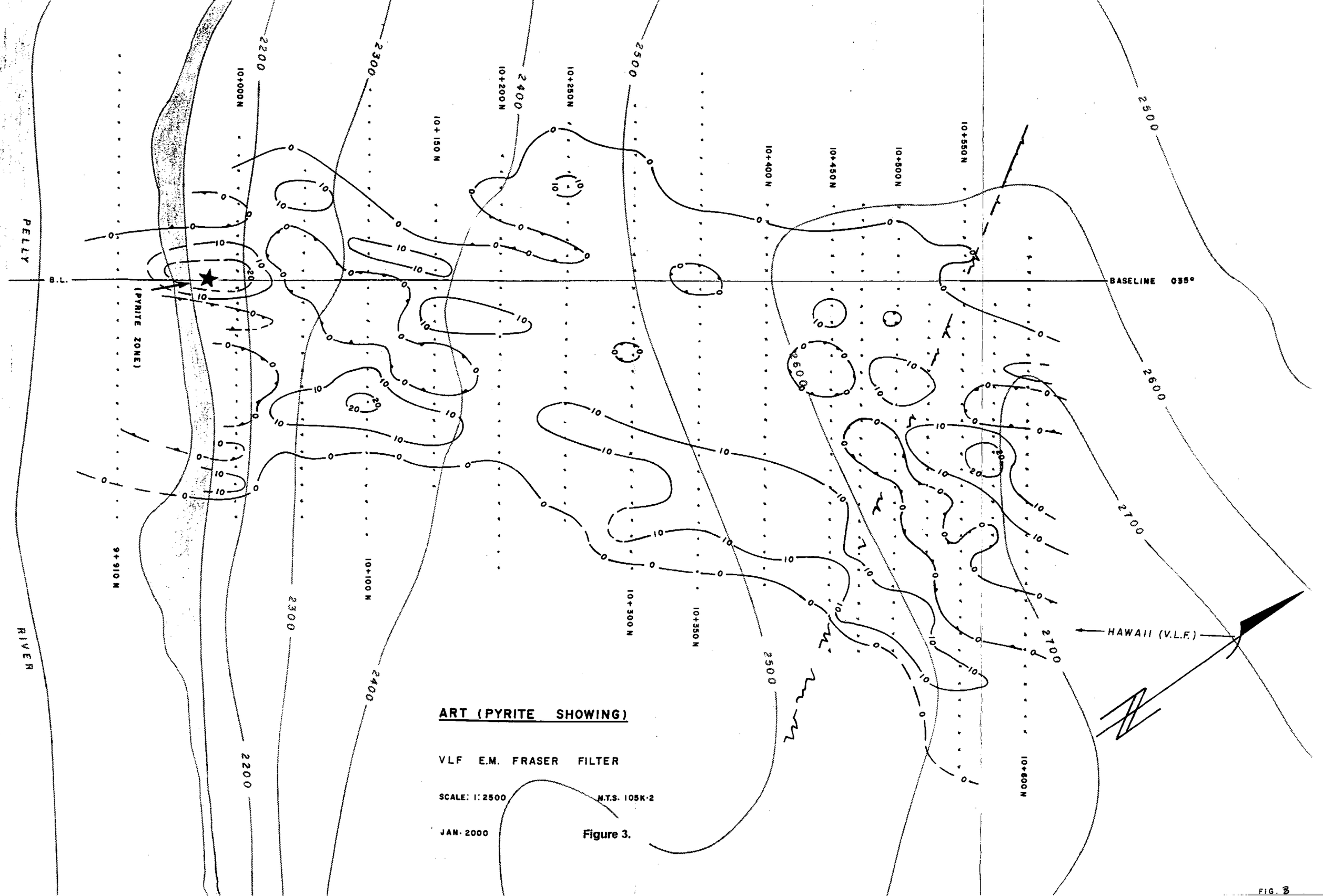

PELLY
RIVER
B.L.
BASELINE 035°
(PYRITE ZONE)
10+000N
10+100N
10+150N
10+200N
10+250N
10+300N
10+350N
10+400N
10+450N
10+500N
10+550N
10+600N
N 9+91 0N
2200
2300
2400
2500
2600
2700
HAWAII (V.L.F.)
ART (PYRITE SHOWING)
VLF E.M. FRASER FILTER
SCALE: 1:2500
N.T.S. 105K-2
JAN. 2000

Figure 3.

6.2 Discussion of Results

Discontinuous anomalous trends sub-parallel to the baseline were obtained. The strongest response occurs immediately north of the mineralized showing on line 10+000 N at the baseline. A second significant anomaly occurs between lines 10+050 N and 10+150 N centred at approximately 100 E. An extensive linear anomaly trends from 10+250 N at 1+00 E to 10+450 N at 2+00 E where it is apparently offset by the projection of the Vangorda fault and continues northeasterly to line 10+550 N. Another strong anomaly was detailed between 10+500 N and 10+600 N flanking the Vangorda fault.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The low grade gold mineralization on the Lou and Lassie claims occurs in a geological environment similar to Carlin or SHDG deposit types. The Carboniferous or Triassic calcareous sediments host disseminated to massive pods of auriferous pyrite mineralization at several locations in outcrops along the Pelly River. The best gold values occur with brecciated or sheared zones that are silicified and contain wispy quartz stringers.

The gold mineralization is associated with anomalous amounts of arsenic, antimony, mercury, and silver which is a common association with the plutonic related SHDG type deposits.

Four northerly trending VLF-EM anomalies were detected that conform to the regional northerly trending extensional faults apparently related to the gold bearing quartz vein stockwork located at Grew Creek. The Grew Creek mineralization is located 20 kilometres southeast of the Lou claims within the Tintina Fault system.

Detailed prospecting, soil sampling, and outcrop sampling is recommended to cover the trend of the EM anomalies in the existing grid area. Careful mapping of the sedimentary horizons within the conglomerate unit and of potential structural trends may help define an exploration model for the controls to the mineralization. Geophysical surveys can be helpful in providing lithological and structural interpretations. A detailed airborne survey using EM and magnetic instruments is recommended as an effective way of covering the property.

8.0 SUMMARY OF EXPENDITURES

The survey was carried out under contract to Allen Carlos of Whitehorse. The gridding and VLF-EM survey was carried out over eight days at a rate of $200 per day with camp costs and equipment rental charged at $ 50 per day for a total cost of $ 2000.

9.0 LIST OF REFERENCES

Gordey, S.P., and Irwin, S.E.B. (1987): Geology Sheldon Lake and Tay River map areas, Yukon Territory; GSC Map 19-1987 (3 sheets).

GSC, (1987): Regional Stream Sediment and Water Geochemical Reconnaissance Data. GSC OF 2174 105 K E 1/2.

Holland, R. and Foster, F. (1977): Vangorda Project, Summary Report on the Tar 1-24 Claim group, Whitehorse Mining district. Assessment report for Welcome North Mines Ltd.

Jennings, D.S. and Jilson, G.A. (1983): Geology and Sulphide Deposits of Anvil Range, Yukon Territory; in CIMM Special Volume 37, Mineral Deposits of Northern Cordillera, p. 319-361.

Poulsen, K.H. (1996): Carlin type gold deposits and their potential occurrence in the Canadian Cordillera; in Current Research 1996-A; Geological Survey of Canada, p. 1-9.

Tempelman-Kluit, D. J. (1972): Geology and Origin of the Faro, Vangorda, and Swim Concordant Zinc-Lead Deposits, Central Yukon Territory; GSC Bulletin 208.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN, P. ENG.

I, Robert W. Stroshein of the City of Whitehorse, Yukon Territory, hereby certify that:

1. I am a Professional Engineer registered (No. 1165) as a member of the Association of Professional Engineers of Yukon Territory.

2. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.

3. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation.

4. I have carried out the exploration on the Lou and Lassie claims. I authorized the geophysical survey on the claims, reviewed the survey data and prepared this report on the results.

5. My business address is:

   26 Liard Road
   Whitehorse, Yukon Territory
   Y1A 3L4

   My residential address is:

   26 Liard Road
   Whitehorse, Yukon Territory
   Y1A 3L4

Signed,

Robert W. Stroshein, P. Eng.

April 24, 2000

APPENDIX 2

EM FIELD NOTES
SEPTEMBER, 1999

EM FIELD NOTES

Page 1

Property: Dai (?) | Date: Sept. 18 - 79
Job No.: | Operator:
Trans.: [illegible] | Face: [illegible]

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+00N 10+125W	-1	+6			[illegible]
	0	+2		-13	
10+100W	+3	+12		-1	+10°
	+2	+15		+8	
10+075W	+1	+8		+3	+15°
	+2	+10		0	+15°
10+050W	+3	+8		-1	+30°
	+10	+10		+3	+20°
10+025W	+5	+9		+13	+5°
	+5	+6		+23	+10°
10+00N 10+000W	-1	0		+22	Top of Slope / -5°
	-9	-2		+5	-10°
9+975W	-7	-9		-7	
	-2	-5		+1	-30°
9+950W	-6	-4		-2	-20°
	-3	-11		-17	-5° Shale
9+925W	+1	+2		-9	-5°
	0	0		-6	
9+900W	0	+2		-5	
	+1	+7		+3	
9+875W	+2	0		-5	
	+4	+6		+5	
9+850W	+2	+6		+17	
	-4	-5		-1	
9+825	0	0			+5°

Checked ________

Page

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				-10	
[illegible]	+2	+1			+8
[illegible]	+2	+3			
Sept.19. [illegible]					
Line 9+910N					
10+200W	0	0			
	0	0		+1	
10+175W	0	0		+2	
	-1	-1		+1	
10+150W	-2	-1		-1	
	-1	-1		-2	
10+125W	-1	0		0	
	0	0		+2	
10+100W	+1	-1		+1	
	0	-1		-1	
10+075W	0	-1		-2	
	+1	0		-1	
10+050W	+1	0		0	
	-1	0		0	
10+025W	0	0		+2	
	+2	0		+4	
10+000W	+1	-2		+2	
	0	-2		-2	
9+975W	-2	-2			

Checked ______

EM FIELD NOTES

Property [illegible] Date Sept.19-99

Job No. ______ Operator ______

Trans. [illegible] Face [illegible]

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				-6	
Line 9+910N	-3	0		-5	
9+950W	-2	+2		+1	
	0	+1		+4	
9+925W	-3	0		+2	
	-2	-1		-1	
9+900W	-2	0		-1	
	-1	0		+4	
9+875W	0	0		+8	
	-2	-4		+4	
9+850W	+1	-4		-1	
	-2	-4		0	
9+825W	0	-3		+1	
	0	-5			
9+800W	-2	-3			
Line 10+110N					
10+175W	0	+5			+5°
	+2	+5		+3	
10+150W	+1	+4		+3	
	-2	+3		-1	
10+125W	+1	+3		-4	
	0	+5		-1	
10+100W	0	+5			

Checked ______

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 10+100N	0	+4		+2	
10+075W	-1	+4		0	
	-1	+5		-2	
10+050W	-2	+5		0	
	-1	+3		+3	
10+025W	-3	+4		+9	+5°
	-2	0		+10	
10+000W	-6	-3		+5	-15°
	-3	+2		-15	+15° *
9+975W	+1	+10		-23	
	+2	+12		-15	Dubi * Along
9+950W	+3	+15		-5	Grumie
	+3	+12		+5	trending N70E
9+925W	+2	+10		+10	
	+4	+7		+15	
9+900W	0	0		+20	
	+1	-3		+15	
9+875W	0	-5		+5	
	-1	-3		0	+5°
9+850W	-4	-5		-6	+10°
	+1	+3		-18	-15°
9+825W	+5	+7		-19	+15°
	+4	+10		-5	+5°
9+800W	+1	+5		+9	+10°
	-1	+3			

Checked ______

EM FIELD NOTES

Property Art Date Sept 19-99
Job No. ______ Operator ______
Trans. Hawaii Face [illegible]

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 10+200N	0	+10			
10+100W	+5	+15			+5°
	+2	+11		-1	+5°
10+075W	0	+15		-4	
	0	+15		+1	
10+050W	-1	+10		+8	
	-1	+12		0	
10+025W	-1	+13		-4	
	+1	+13		+2	
10+000W	-2	+10		+5	
	0	+11		+4	
9+975W	-4	+9		+8	
	-1	+5		+10	
9+950W	+1	+4		+9	
	-1	0		+9	
9+925W	-1	0		+4	
	0	0		+3	
9+900W	+1	-3		+6	
	+1	-3		+5	
9+875W	+1	-5		+4	-5°
	+1	-5		+2	
9+850W	0	-5		-2	
	+2	-3		-7	
9+825W	+2	0		-12	+5°
	+4	+4		-13	

Checked ______

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				-12	
L10+00N/9+900W	+4	+6		-12	+5°
	+4	+10		+2	+5°
9+875W	+3	+12			+5°
	+2	+10			+5°
9+850W	+1	+10			+5°
[illegible]	20-	22			
Line 10+050W					
10+100W	+5	+11			+10°
	+4	+12		+4	+10°
10+075W	+4	+10		+13	+15°
	+1	+9		+16	+15°
10+050W	-1	0		+8	+5°
	-2	+3		-7	
10+025W	-4	-2		-15	-20°
	0	+6		-16	*135°
10+000W	+1	+10		-4	+30°
	0	+10		+2	
9+975W	-1	+10		+4	
	-2	+8		+3	
9+950W	-2	+8		+3	
	-2	+7		+3	
[illegible]	0	+6			

*Running - N60°E - Sharp.

Checked ______

EM FIELD NOTES

Property Alt Date Sept.30.97
Job No. ______ Operator ______
Trans. Hawaii Face E

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				+6	
Line 10+050W	0	+6		+14	
9+900W	-2	+1		+14	
	+1	-3		+7	
9+875W	-2	-4		+1	
	-4	-5		-7	
9+850W	-2	-3		-26	-35°
	+2	+5		-17	+30° x
9+825W	+6	+15		+11	+10°
	+2	+6			+5°
9+800W	-1	+1			
Line 10+150W					
10+175W	+1	+8			+5
	+1	+10		-7	+5
10+050W	+2	+12		-6	+10
	+3	+13		-3	+15
10+025W	+2	+15		+7	+5°
	-1	+13		+10	
10+000W	-2	+8		+5	-15°
	-1	+10		+11	+10
9+975W	-1	+6		+15	-5°
	-4	+1		+4	-5°
9+950W	-2	0		-8	-5
	0	+3		-13	-5°
9+925W	+3	+6			

Checked ______

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				-9	
Line 11+150N	+5	+10		+3	+5
9+900W	+5	+8		+11	+10°
	+3	+5		+11	+10°
9+875W	+2	+2		+7	+5°
	+3	0		0	
9+850W	+3	0		-5	
	+4	+2			
9+825W	+1	+3			
Line 10+250N	+2	+10			
10+125W	0	+15			
	0	+15		-3	
10+100W	0	+15		+1	
	-2	+14		+3	
10+075W	-1	+13		+8	
	-2	+12		+11	
10+050W	-2	+8		+7	
	-2	+6		+3	
10+025W	-4	+7		+1	
	-3	+6		-1	
10+000W	-1	+8		+1	
	-3	+9		+5	
9+975W	-3	+5		+3	
	-4	+4		+5	
9+950W	-2	0		+9	

Checked ______

EM FIELD NOTES

Property: Art Date: Sept 20-99
Job No. ______ Operator ______
Trans. [illegible] Face: E

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				+7	
Line 10+250N	-2	0		+3	
9+925W	-2	-3		+1	
	0	0		+5	-5°
9+900W	+2	-4		+14	-5°
	+2	-8		+10	-5°
9+875W	+5	-10		+7	-5°
	+4	-12		+6	
9+850W	+4	-13		+6	
	+1	-15		+3	-5°
9+825W	0	-16		-6	-5°
	+1	-15			
9+800W	+2	-10			
Line 10+300N					
10+150W	-2	0			
	-2	0			
10+125W	-3	+1		-7	+5°
	0	+6		-15	+5°
10+100W	-2	+10		-11	+10°
	-1	+8		+1	+5°
10+075W	-2	+7		+6	
	-2	+5		+6	
10+050W	-6	+4		+6	
	-2	+2		+7	

Checked ______

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+300N/10+025W	-3	0		+6	
	-3	0		+2	
10+000W	-1	0		+1	
	-3	-1		+2	
9+975W	0	-1		+2	
	+1	-2		+3	
9+950W	+1	-3		+2	
	0	-2		-1	
9+925W	0	-2		+1	
	+1	-4		+5	
9+900W	+2	-5		+9	
	+3	-5		+8	
9+875W	+5	-12		+14	-5°
	+5	-12		+10	[illegible]
9+850W	+4	-15		+6	[illegible]
	+7	-15		+5	
9+825W	+5	-17		+7	-10°
	+6	-20		+11	15°
9+800W	+9	-23		+11	-5°
	+11	-26		+7	-5°
9+775W	+11	-25		-2	-10°
	+11	-31			

Checked ______

EM FIELD NOTES

Page 11

Property: Ant Date: Oct 21 99
Job No.: ______ Operator: ______
Trans.: Hawaii Face: East

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 10+350	-1	+10			
10+175W	+1	+7			
	0	+3		+14	
10+150W	-2	0		+11	
	-3	-1		+7	
10+125W	-2	-3		+5	
	-2	-3		-1	
10+100W	-3	0		-8	
	-1	+2		-10	
10+075W	0	+5		-9	+10°
	+1	+6		-7	+10°
10+050W	+2	+3		-2	+10°
	+2	+5		+6	+5°
10+025W	+1	+3		+6	+5°
	-1	+4		+1	
10+000W	0	+3		-1	
	-1	+5		-1	
9+975W	-1	+3		+3	
	-1	+2		+6	
9+950W	-2	0		+7	
	-3	-2		+8	
9+925W	0	-4		+7	-5°
	-2	-5		+7	-5°
9+900W	-1	-8		+9	-5°
	0	-10		+9	-10°

Checked ______

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & HGHT	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+350W/9+975S	+2	-12		+9	-10°
	+3	-15		+11	-16°
9+956S	+4	-18		+11	-10°
	+6	-20		+11	-5°
9+925S	+7	-21		+12	-5°
	+7	-22		+10	-5°
9+900S	+9	-28		+6	
	+6	-28		+4	
9+875S	+6	-26		+2	
	+8	-32		-4	
9+850S	+3	-26			
Line 10+400W					
10+075S	+2	+16			+5°
	0	17			+5°
10+050S	+3	+16		-2	+5°
	+3	+17		0	
10+025S	+1	+6		+6	
	+1	+7		+6	
10+000W	0	+1		+3	
	0	+01		+1	
9+975S	0	+01		+1	
	0	+3		+2	
9+950S	+1	+3		+1	+5°

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EM FIELD NOTES Page 13

Property Alt Date 9oct.21-99
Job No. _____ Operator _____
Trans. Hawaii Face East

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & HGHT	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 10+400W	-2	+3		+1	
9+975S	-2	+2		+4	
	0	0		+7	
9+900S	-1	-2		+8	
	0	-4		+9	-5°
9+875S	-2	-7		+8	-5°
	+2	-7		+8	-10°
9+850S	+2	-12		+13	-16°
	+1	-15		+13	-4°
9+825S	+6	-17		+12	-10°
	+7	-22		+14	-6°
[illegible]	[illegible]	[illegible]		+19	-10°
[illegible]	[illegible]	[illegible]		+10	-10°
[illegible]	[illegible]	[illegible]		+2	-10°
[illegible]	[illegible]	[illegible]		-3	-10°
[illegible]	[illegible]	[illegible]			-5°
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]			-10°
[illegible]	[illegible]	[illegible]		-3	-10°
[illegible]	[illegible]	[illegible]		-2	-5°
[illegible]	[illegible]	[illegible]		+3	-5°
[illegible]	[illegible]	[illegible]		+4	-5°

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EM FIELD NOTES

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Property _____ Date _____
Job No. _____ Operator _____
Trans. _____ Face _____

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10450/10500N	+3	+7		+6	E5
	+2	+9		+8	
9+99SN	+3	+3		+10	
	0	-2		+10	
1+[illegible]	0	1		+9	
	+1	-2		-4	
1+[illegible]	+1	+3		-9	
				-5	
				+1	
	+2	+3		+5	
	0	+2		+6	
	+2	-1		+5	
	+2	0		+8	
	+2	-1		+10	
	+3	-5		+14	
1+[illegible]25W	+1	-1		+18	
	+5	-11		+18	
[illegible]	+5	-17		+14	
		-20		+5	
1+775N	+5	-21		+1	
	+6	-23		+1	
1+[illegible]	+3	-21		-4	
	+4	-23		-12	
1+25	+4	-20		-13	
	+6	-15			
1+[illegible]	+6	-15			

Checked _____

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+500N					
10+[illegible]75W	-1	+12			+5°
	+1	+15		-5	+15°
10+050N	0	+16		0	+10°
	+1	+16		+4	+10°
10+[illegible]25N	+3	+15		+6	+10°
	+1	+13		+6	+10°
11+[illegible]00N	+2	+12		+5	+10°
	+1	+11		+1	+10°
[illegible]	+2	+10		-1	+5°
	-1	+11		+1	+5°
[illegible]	+2	+10		+9	+5°
	+3	+10		+18	
[illegible]	0	+2		+15	
	2	0		+10	
[illegible]	+2	-3		+4	
[illegible]	[illegible]	[illegible]		-7	
[illegible]	+2	-2		-8	
	+1	+1		-3	+5°
[illegible]	+1	0		+1	
	+1	+3		+5	
[illegible]	+2	-2		+4	
	+1	-1		+4	
[illegible]	0	-3		+5	

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
4+50W / 9+37.5N	-1	-5		+4	
	-1	-6		+9	-5°
9+25W	-3	-12		+17	15°
	-4	-16		+17	-15°
9+12.5W	-3	-17		+10	-15°
	-1	-12		-1	-10°
9+00W	+2	-15			-10°
					-5°
8+87.5W / 10+37.5N					
10+00S	0	+15			+5°
	-1	+16			+5°
10+12.5W	+1	+14		+4	-10°
	0	+14		-1	+10°
10+25W	0	+13		+1	+10°
	+1	+10		+7	
10+37.5W	+2	+10		+3	+5°
	+1	+10		+4	+5°
9+75W	+1	+6		+8	-5°
	+1	-16		+6	
9+62.5W	+2	+14		+4	
	0	+2		+9	
9+50W	0	0		+4	
	+1	+2		0	
9+37.5W	+1	0		+2	
	+1	0		0	

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EM FIELD NOTES Page 17

Property Hill Date Sept 24 '99
Job No. _____ Operator _____
Trans. Horizontal Face East

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
14+15W / 9+37.5N	+4	+2		-4	
	+3	+2		-2	
9+50W	+4	+2		+2	
	+1	0		+7	
9+62.5W	+2	-3		+9	
	+2	-4		+7	-5°
9+75W	+1	-6		+6	-5°
	+2	-7		+7	-10°
9+87.5W	+1	-10		+11	-15°
	0	-14		+14	-10°
10+00W	+2	-13		+15	-15°
	+1	-22		+14	-10°
10+12.5W	+2	-23		+16	
	+1	-22		-3	
10+25W	+1	-32			
10+37.5W	+1	+13			+5°
10+50W	0	+14		-5	+20°
	+1	+12		-10	+20°
10+62.5W	+3	+14		-12	+15°
	+3	+22		-3	+15°
10+75W	+3	+22		+2	+10°
	+1	+21		-3	+10°
10+87.5W	0	+22			+5°

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
[illegible]N	[illegible]	+23		-3	-10°
[illegible]	0	+22		+1	+10°
	0	+22		+3	+10°
[illegible]	0	+20		+4	+15
	-1	+20		+5	+15
[illegible]	0	+17		+8	+10
	0	+15		+3	+[illegible]
[illegible]	0	+14		+5	+15°
	+[illegible]	+15		+6	
[illegible]	0	+10		+12	
	0	+5		+18	
[illegible]	-3	0		+18	
	-[illegible]	[illegible]		+8	
[illegible]	0	0		0	
	-1	-3		+3	
[illegible]	+1	-3		+2	
	0	-5		-2	
[illegible]	-1	-3		-1	
	-2	-2		-4	
[illegible]	-1	+2		-8	
	-3	+2		-5	
[illegible]	-2	+3		+1	
	-2	0		+9	-5
[illegible]	-[illegible]	-4		+13	[illegible]
	-[illegible]	-[illegible]		+11	

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EM FIELD NOTES

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Property: Alta
Job No.:
Trans.: [illegible]
Date: Sept 24.79
Operator:
Face: EAST

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+55N / [illegible]	-1	-9		+7	-5°
	[illegible]	-8		+1	-5
[illegible]	+4	-8		+2	
	+3	-11		+6	
	+4	-11		+2	
	+4	-10		-2	
	+2	-10			
Sept 26 - 79					
Line 10+00N					
10+25W	-5	+3			
	-2	+5		-14	+10
10+125W	0	+10		-17	+5°
	0	+17		-18	+5°
10+00W	+1	+20		-8	+15°
	+1	+20		-2	+15°
9+975	0	+20		-2	+15°
	0	+22		+2	+10°
9+950	-1	+20		+7	+10°
	-6	+20		+10	+10°
9+925W	-4	+15		0	+5°
	-3	+15			+10°

Checked ____________

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
10+60S/2+90W	-4	+20		-10	+20°
	-5	+20		-5	+10°
0+45W	-4	+20		+2	+10°
	0	+12		+7	+5°
0+50W	-4	+15		+8	+5°
	1	+5		+8	
0+25W	4	+10		+13	
	-2	+7		+11	
0+00W	-1	+4		+7	
	-4	+3		+7	
0+25E	0	+4		+3	
	-1	+2		+1	
0+50E	-6	+3		-8	
	-4	+5		-7	
0+75E	-1	+2		-7	
	+1	+7		+1	
1+00E	0	+5		+7	
	4	+13		+9	
1+25E	+1	0		+8	
	+9	0		+3	
1+50E	-1	0		+5	
	+3	-5			
					-5°

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EM - FIELD NOTES Page 21

Property Flat Date Sept 26-90
Job No. _____ Operator _____
Trans. _____ Face _____

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
					+10°
					+10°
10+50S					+10°
	+1	-20			+10°
	0	-24			+15°
1+00S	-1	+23		-1	+5°
	0	+22		+8	+20°
0+75S	-3	+14		+6	+10°
	0	+2		+2	+10°
0+50S	-3	+15		+4	+10°
	-4	+20		0	+10°
0+25S	0	+17		-12	+10°
	-2	+30		-13	+5°
0+00	0	+20		+11	+10°
	-2	+11		+27	+5°
0+25N	-2	+7		+26	
	-1	+7		+18	-5°
0+50N	-3	+2		+8	
	0	0		+2	
0+75N	-1	+3		-5	
	-1	+11			

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
[illegible]					
[illegible]	-1	+13			
[illegible]		[illegible]			
[illegible]	0	+11		+1	
	-1	+13		+1	
[illegible]	0	+13		+2	
	+1	+12		+4	
[illegible]	+1	+10		+9	
	[illegible]	[illegible]		+11	
[illegible]	[illegible]	[illegible]		+6	
	0	+5		+6	
[illegible]	0	0		+15	
	-1	-5		+16	
[illegible]	[illegible]	[illegible]		+7	
	-2	-6		0	
[illegible]	+1	-5		-7	
	-4	0		-10	
[illegible]	+1	-1		-4	
	0	0		0	
	0	-1			

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EM FIELD NOTES

Property Alt (2) Date Sept 27
Job No. Upriver Operator
Trans. Ascent Face East

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Start at West					
proceed carefully					
	0	-10			
	+1	-10		-3	
	+1	-9		-6	
	+1	-7		-3	
	+1	-7		-1	
	+1	-7		+1	
	+1	-6		+9	
	+1	-9		+1	
	+1	-9		+1	
	0	-9		+2	
	+1	-10		-5	
	0	-9		-8	
	0	-5		-3	
*	0	-5		0	*Swarms
	-1	-5		0	
	-3	-5		-1	
	-2	-5		-2	
	-2	-4		-1	
	-4	-4		+1	
	0	-4		+2	
	-2	-5		+1	
	-3	-5			

Checked _____

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
				-2	
	-2	-5		-9	
	-1	-3		-10	
	-4	+2		-5	
	-4	0		-2	
	-6	+4		+2	
	-3	0		0	
	-5	+2			
	-5	+2			

Above all done
on land [illegible]
shore
Moving
along trail.

Checked ________