GEOCHEMICAL REPORT

FORREST KERR NORTH

Liard Mining Division

NTS: 104 B 15 E
Latitude: 56° 57'N
Longitude: 130° 44'W

OWNER/OPERATOR: Tenajon Resources Corp.

REPORT BY: Dave Visagie, B.Sc.
November 20, 1991

TJS91-411

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

1.0 INTRODUCTION

The Forrest Kerr North property occurs within the "Golden Triangle" region of British Columbia being located approximately 115 km north of Stewart. The property, consisting of two contiguous mineral claims totalling 40 units, is underlain by Palaeozoic mafic tuffs and flows sediments that have been intruded by Jurassic granitic intrusives. Mineralization consists of disseminated to semi-massive pyrite along with variable, up to 5% chalcopyrite.

There is no known record of any work being completed on the property prior to Tenajon Resources Corp., formerly Royal Scot Resources Ltd., acquiring the ground. After work was completed on the property, Royal Scot Resources and Tenajon Resources Corp. amalgamated to become Tenajon Resources Corp.

One day, August 14, representing three man-days of labour was spent evaluating the property. As a result a total of three silt and 36 rock chip samples were taken and sent for analysis. The evaluation of the property is in part hampered by steep topographic conditions.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

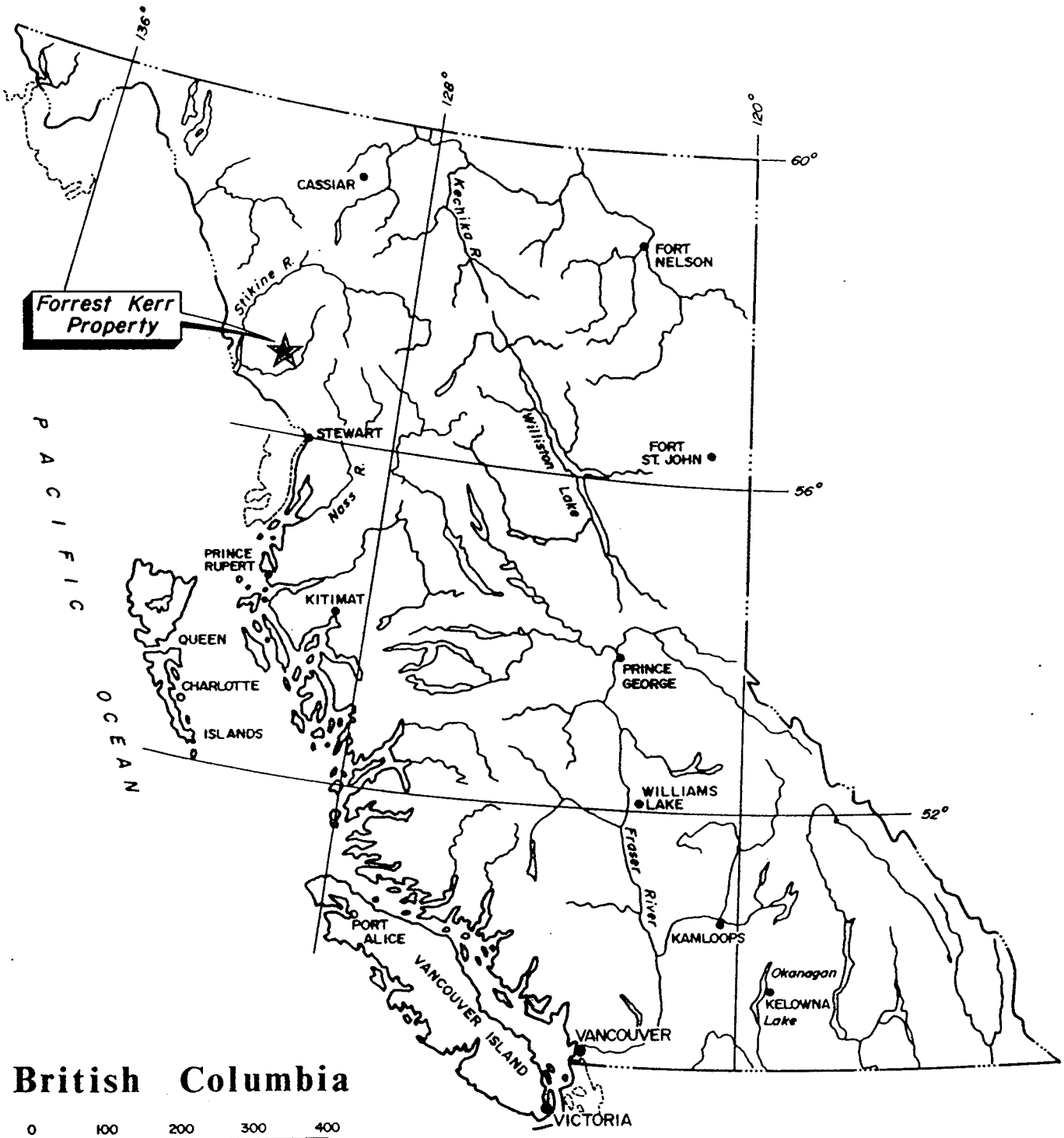
The Forrest Kerr property is located approximately 115 km north of Stewart, B.C. Smithers, 300 km to the southeast, is the main service centre for the region. The property, centred at Latitude $56^{o}57'$ North, Longitude $130^{o}44'$ West occurs on NTS sheet 104 B 15 East within the Liard Mining Division.

Access to the property is from the Bob Quinn Lake staging base, located approximately 340 km north of Kitwanga on the Stewart-Cassiar Highway. From Bob Quinn to the property, 40 km to the northwest, access is by helicopter. For purposes of the 1991 program access was by helicopter from Newhawk's Brucejack campsite 85 km to the southeast.

The claims occupy the north-west side of a north-east/south-west trending valley along Forrest Kerr Creek. Slopes range from gentle to steep with the elevations varying from 549 m to 1980 m.

Mature mountain hemlock and balsam occur in the low-lying valley floors while within the higher elevations stunted shrubs and grasses predominate.

Climate in the area is typically wet and cool with heavy snowfalls in winter and a short summer field season.



ROYAL SCOT RESOURCES LTD.		
FORREST KERR PROJECT Liard M.D., B.C.		
General Location Map		
Scale: as shown	N.T.S.: 104 B/15	By:
Date: Sept. 1990	Geologist:	Figure: 1

3.0 PROPERTY STATUS

The Forrest Kerr property consists of two, four post, claims totalling 40 units. The property has been optioned to Royal Scot Resources Ltd., by Canarc Resources Ltd. The following is a listing of the pertinent claim data:

Claim	Record #	Units	Record Date	Expiry
FK 5	6636	20	Dec 6, 1989	1991
FK 6	6637	20	Dec 6, 1989	1991

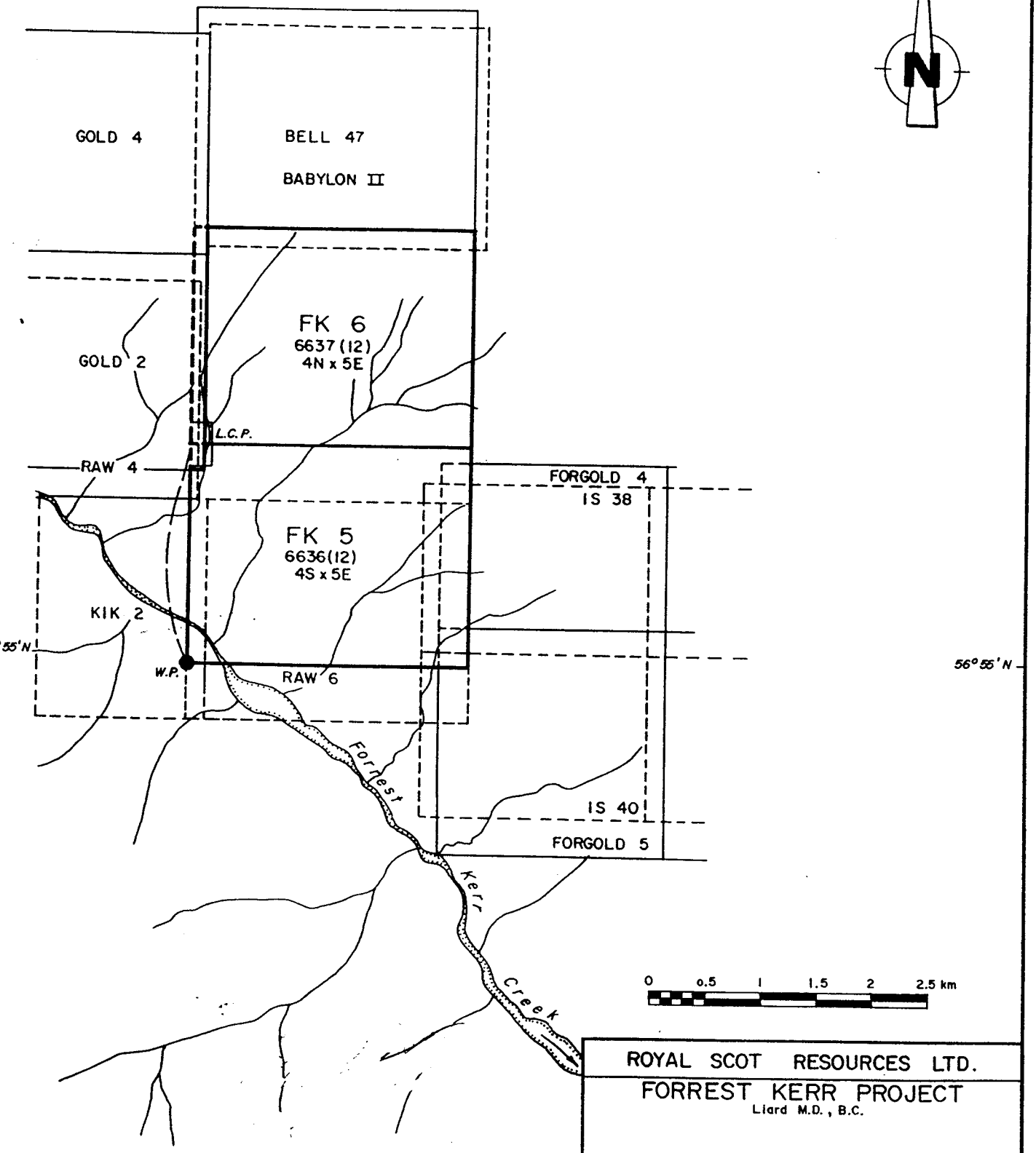
4.0 WORK HISTORY

Prior to the ground being acquired by Royal Scot Resouces there is no record of any work being completed on the property other than two silt samples being taken as part of a regional geochemical survey being completed by the G.S.C. and B.C.E.M.P.R. In 1990, Royal Scot completed a limited exploration program on the property resulting in the taking of 12 rock chip and 13 silt samples. The results showed two areas to contain float samples anomalous in copper while the silt samples showed two stream sites to contain 40 and 65 PPB Au. This work was filed for assessment in 1990. The purpose of the 1991 evaluation was to collect further samples in the vicinity of the anomalous rock chip values and to, if possible, determine the source of the gold anomalies.

5.0 REGIONAL GEOLOGY

The Forrest Kerr area occurs within Lower Triassic to Middle Jurassic volcanic and sedimentary rocks of the Whitehorse Trough within the Intermontane Belt. Coast Plutonic Complex rocks occur immediately to the west, while Omineca Crystalline Belt rocks occur adjacent to the trough on the east. The northern portion of the Bowser Basin adjoins the area to the south. The Klastline Plateau, located within the area is underlain by Lower to Upper Cretaceous Sustut Basin rocks.

A variety of mineral occurrences have been located in the area. These include Skarn style massive to disseminated pyrite and chalcopyrite, auriferous bearing quartz veins, and replacement lenses of pyrite, chalcopyrite, sphalerite and galena.



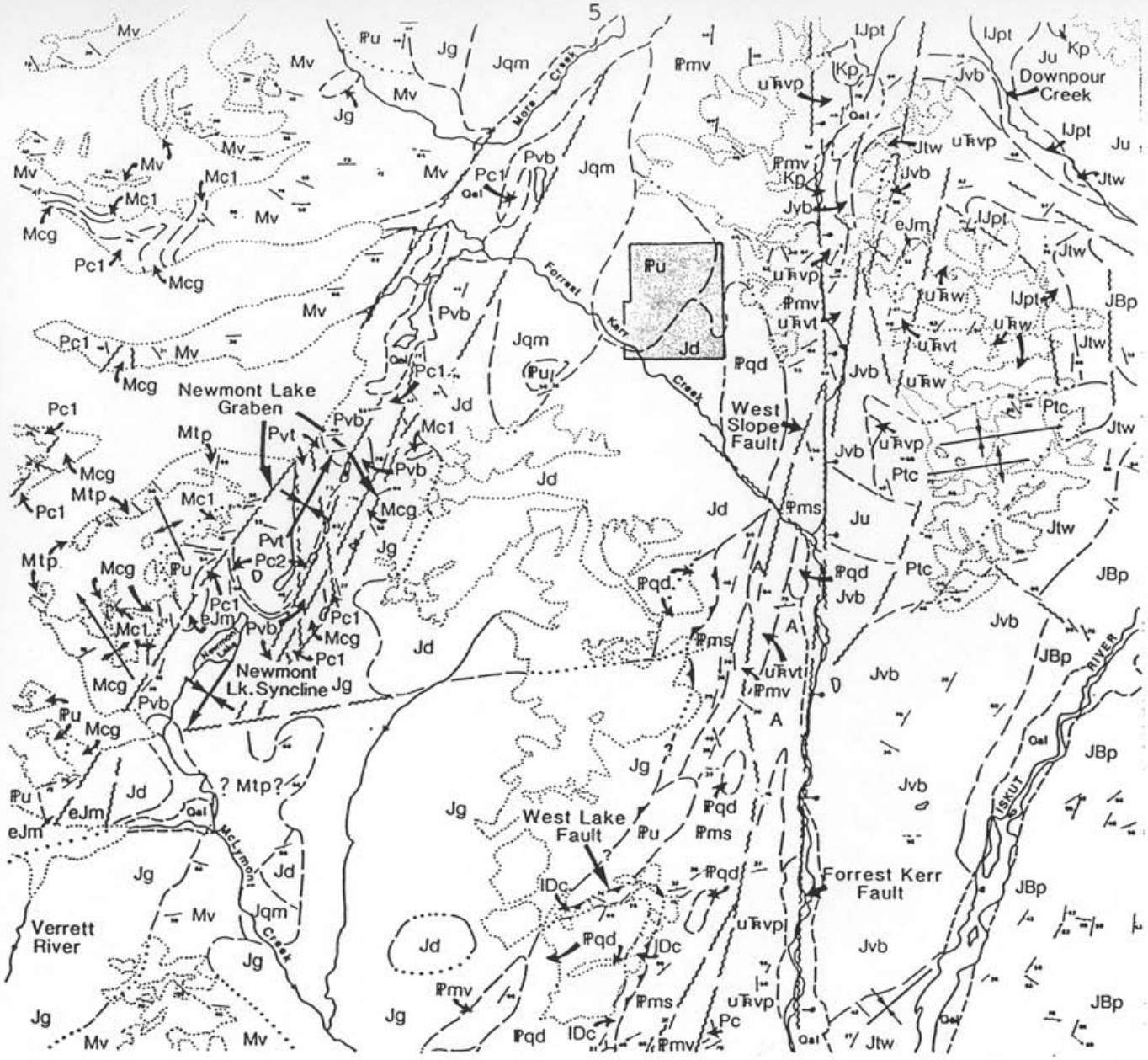
ROYAL SCOT RESOURCES LTD.

FORREST KERR PROJECT

Liard M.D., B.C.

Claim Map

Scale	N.T.S.	By
1 : 50 000	104 B/15E	
Date	Geologist	Figure
Sept. 1990		2



(SEE FOLLOWING PAGE FOR LEGEND)

(B.C.G.S. Open File 1990-1 ; Logan et al, 1989)

ROYAL SCOT RESOURCES LTD.

FORREST KERR PROJECT
Liard M.D., B.C.

Regional Geology Map

Scale	N.T.S.	By
1 : 50000	104 B/15	w.g.i.
Date	Geologist	Figure
Sept. 1990		3

LEGEND

QUATERNARY

Qal	TILL, ALLUVIUM

STRATIFIED ROCKS

MIDDLE TO UPPER JURASSIC BOWSER LAKE GROUP

JBp	SILTSTONE, SANDSTONE, MINOR CONGLOMERATE

JURASSIC

Ju	UNDIVIDED VOLCANICS AND SEDIMENTS
Jtw	SILICEOUS WACKE, TUFF, CONGLOMERATE
Jvb	PILLOW BASALT, BRECCIA FLOWS, SILICEOUS SEDIMENTS
IJpt	SHALE, SANDSTONE, LESSER LIMESTONE, TUFF

UPPER TRIASSIC STUHINI GROUP

uTrvt	MAROON AND GREEN EPICLASTICS, AUGITE AND PLAGIOCLASE-PHYRIC VOLCANIC BRECCIAS
uTrvp	DARK GREEN PLAGIOCLASE-PHYRIC FLOWS
uTrvs	GREY-GREEN APHANITIC TUFF
uTrw	TUFFACEOUS WACKE, ARGILLITE, LIMESTONE, CONGLOMERATE WITH LIMESTONE CLASTS, PLAGIOCLASE-PORPHYRITIC ANDESITE

MIDDLE TRIASSIC

mTrs	CARBONACEOUS CALCAREOUS SILTSTONE

PALEOZOIC STIKINE ASSEMBLAGE

Pu	UNDIVIDED METAVOLCANICS AND METASEDIMENTS

WESTERN ASSEMBLAGE

PERMIAN

Pvt	FELSIC WELDED TUFF, VOLCANIC SANDSTONE AND SILTSTONE, RHYOLITE FLOWS
Pc2	THIN-LAMINATED, GREY ALGAL LIMESTONE
Pvb	INTERMEDIATE TUFF AND EPICLASTICS, MAROON LAHAR, BRECCIA FLOWS
Pc1	MEDIUM-BEDDED BIOCLASTIC LIMESTONE WITH CHERTY INTERBEDS

MISSISSIPPIAN

Mtp	SILTSTONE, SANDSTONE, TURBIDITES, LESSER LAPILLI TUFF
Mcg	POLYMICTIC VOLCANIC CONGLOMERATE
Mc1	INTERBEDDED SILICEOUS SILTSTONE AND LIMESTONE, THICK-BEDDED CRINOIDAL CALCARENITE
Mv	PILLOW BASALT, HYALOCLASTITE, ASH-FLOW FELSIC TUFF

EASTERN ASSEMBLAGE

PERMIAN

Ptc	INTERMEDIATE TO MAFIC META-TUFF, THIN-BEDDED LIMESTONE AND METASEDIMENTS
Pc	MEDIUM-BEDDED BIOCLASTIC LIMESTONE

PERMIAN AND OLDER

Pms	SILICEOUS TURBIDITES, PHYLLITES, LESSER CHERTY TUFFS
Pmv	MAFIC TO FELSIC METAVOLCANICS, METASEDIMENTS, LIMESTONE LENSES

LOWER DEVONIAN

lDc	LIMESTONE, SILICEOUS TUFF

INTRUSIVE ROCKS

CRETACEOUS AND YOUNGER (?)

Kp	PLAGIOCLASE QUARTZ PORPHYRY

JURASSIC

Jg	PINK HORNBLENDE BIOTITE GRANITE
Jqm	QUARTZ MONZONITE
Jd	HORNBLENDE DIORITE, HORNBLENDE QUARTZ DIORITE

EARLY JURASSIC

eJm	HORNBLENDE-PLAGIOCLASE-PORPHYRITIC MONZONITE, SYEN

PALEOZOIC

Pqd	DEFORMED HORNBLENDE QUARTZ DIORITE

UNKNOWN

A	ALTERED DIORITE

6.0 PROPERTY GEOLOGY

The property is underlain by Palaeozoic Stikine Assemblage undifferentiated metavolcanics and metasediments along with Jurassic intrusives. A major fault, trending 217° occurs along the western margin of the property while several other faults sub-parallel to this occur throughout the property. Dips and displacement are unknown.

Alteration consists of locally weak-moderate chloritization within basalt.

To date, three styles of mineralization have been observed. One style consists of 2-3% disseminated blebs of chalcopyrite along with 1-2% pyrite in chloritized basalt possibly conforming to a weakly defined structure. Type two mineralization consists of 1-2% chalcopyrite, trace pyrite, malachite and azurite in ankerite in-filled breccia zones within light coloured siliceous siltstone. Semi-massive to massive pyrite within graphitic to siliceous mudstone comprises the third style of mineralization.

7.0 1991 WORK PROGRAM

The purpose of the 1991 work program was to determine the extent of the mineralized showings located in 1991. As such, one day representing 3 man-days of labour was spent on August 14, evaluating the property. As a result a total of 3 silt and 36 rock chip samples were collected and sent to Eco-Tech Labs, Kamloops, B.C. for analysis. Transportation to the property was by contract helicopter from Newhawk Gold Mines' Brucejack campsite located 85 km to the south. The camp was also used for the housing of all personnel.

8.0 SAMPLING - FIELD PROCEDURES

Rock chip samples weighing up to 4 kilograms were taken from outcrop using a hammer and chisel, identified, stored in a plastic bag, dried then crushed and pulverized to -140 mesh at Newhawk Gold Mines' prep lab located at Brucejack Lake. The samples were described in the field with the data being transferred to sample description sheets (Appendix 1). Silt samples were taken from three areas located on the property. The samples were taken from the active portion of the stream, stored in plastic bags, dried, then sent for analysis. All sample locations are plotted on figure four with the assay results being plotted figure five.

8.1 Assay Procedure

All samples were analyzed at Eco-Tech Labs, Kamloops, B.C. for gold by atomic absorption and multi-element analysis using the 30 element Inductively Coupled Plasma (I.C.P.) method. The following is an outline of the procedure used in analysis:

Samples dried (if necessary), crushed or sieved to pulp size and pulverized to approximately -140 mesh.

For the 30 element I.C.P. analysis, a 10 gram sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric to water at 90 o for 1.5 hours. The sample is then diluted to 20 mls with demineralized water and analyzed. The leach is partial for Al, B, Ba, Ca, Fe, K, Mg, Ma, Na, Sb, Ti, U, and W.

For gold determination by atomic absorption a 10 gram sample that has been ignited overnight at 600^{0} is digested with hot dilute aqua regia and the clear solution obtained is extracted with Methyl Isobutyl Ketone (MIBK). Gold is determined in the MIBK extract by atomic absorption using a background detection (detection limit 5 ppb).

8.2 Results

Rock chip samples taken (Area A) in the vicinity of a previously outlined stream sediment gold anomaly (>20 ppb) failed to outline and significant zones of gold mineralization. Other elements analyzed failed to outline any anomalous zones.

Previous sampling in the vicinity of Area B showed a 1.5 metre wide zone of highly fractured basalt in which malachite stain along with 2-3% chalcopyrite and 1-2% disseminated pyrite occurs. A sample taken in 1991 from this showing assayed 1.55% Cu. Two chip samples taken in the vicinity of this showing failed to locate anything of significant interest.

Sampling, previously completed in Area C, showed a float sample of brecciated siltstone to contain .55% copper. In 1991 four samples, three of outcrop and one from float, of brecciated siltstone in which ankerite along with variable chalcopyrite azurite and malachite were taken over a zone that is poorly defined for 50 m. Within this zone, outcrop values of up to .48% Cu and 1.69 opt Ag occur while the float sample assayed 3.48% Cu with 4.66 opt Ag.

Elsewhere on the property sampling has failed to define any significant anomalous zones of interest.

9.0 SUMMARY AND CONCLUSIONS

On August 14, a three man crew spent the day evaluating areas of anomalous silt and rock geochemistry on the Forrest Kerr property, located in northwestern British Columbia. As a result three silt and 36 rock chip samples were collected and sent for analysis.

Previous mapping has shown the property to be underlain by Palaeozoic Stikine Assemblage metavolcanics and metasediments. Alteration consists primarily of erratic zones of weak to moderate chloritization. The main mineral showings consist of ankerite infilled breccia zones within siliceous sediments in which 1-2% chalcopyrite, along with trace pyrite, azurite and malachite occur. Chip sampling completed in 1991 has shown the zone to be poorly defined over a 50 m strike length with the widths being narrow. Copper values, in outcrop, of up to .48% with up to 1.69 opt Ag occur erratically distributed. The zone, though the most promising located to date, appears to have limited potential.

10.0 RECOMMENDATIONS

If further work is to be completed on the Forrest Kerr property the purpose of the program should be two-fold:

i) to determine the extent of the ankerite-chalcopyrite breccia zones and,

ii) to evaluate the areas not yet prospected or sampled particularly in the southern half.

11.0 STATEMENT OF WORK - FORREST KERR NORTH

1.	Labour - 3 man-days i) B. Malahoff 1 day @ $212/day ii) D. Kosmynka 1 day @ $194/day iii) M. Holmes 1 day @ $178/day	Total:	$ 584.00
2.	Transportation Hughes 500 D $750/hr x 3.2 hrs	Total:	$ 2,400.00
3.	Room & Board 3 man-days @ $100/day	Total:	$ 300.00
4.	Consummables Plastic & nylon bags, flagging etc.	Total:	$ 20.00
5.	Freighting Samples to Kamloops	Total:	$ 30.00
6.	Communications B.C. Tel, cost pro-rated	Total:	$ 30.00
7.	Sampling 36 rock & 3 silt = 39 samples	Total:	$ 539.30

Samples	Prep	Au geochem	I.C.P.
39	$3.75	$6.00	$3.95

Cu Assay $5.00

8.	Report Writing, drafting, xeroxing, etc.	Total:	$ 300.00
		Sub-Total:	$ 4,203.30
9.	Management fee 10%	Total:	$ 420.33
		Total:	$ 4,622.63

12.0 STATEMENT OF QUALIFICATIONS

I, D.A. Visagie of 860 - 625 Howe Street, Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia with a Bachelor of Science Degree, majoring in Geology, in 1976.

2. I have been steadily employed in the mining industry since then and have since January 1990 been employed by International Northair Mines Ltd. as Senior Geologist.

3. The work undertaken on the Forrest Kerr North Group was under my supervision.

Dated at Vancouver, British Columbia, this 20th day of November, 1991.

Dave Visagie

APPENDICES

Appendix 1 Sample Descriptions

THE NORTHAIR GROUP **SAMPLE DESCRIPTION**

Project FOREST KELR

Sampler MIKE HOLMES

2/3

Date 1991	Sample No.	Type	Location: Claim	Northing	Easting	Zone	Sample Data: No.	From (m)	To (m)	Int. (m)	Assay Data: Cu	Au	Ag	Alteration	Sample Description
14 AUG	19486	ROCK	FK 5				grab chip							M-SSIL	L bm β RHYOLITE?
														M CB	WK-MAGN., 1-2% DISS
															py
	19487	ROCK	"				"							S SIL	DK GRN M-COARSE GRND
														M ARG	HORNBLENDITE: 60% HBL,
														M CHL	30% plag, 2-4% py,
															<5% SER.
	19488	ROCK	"				"							S SIL	Lgm-aff wkt, β, ?
														W K-SPAR	Taken 0.5 from contact
														W ARG	with hornblendite (19487
															DESCR.) intrusion 1-2%
															py (DISS+BLEB), very
															"BLEACHED".
	19489	ROCK	"				"							M-SIL	gry-bm fgrd-β BASALT?
															2-3% HEM, 2-3% MG
														W PROP	10% MICRO Vs (QTZ-CB)
														W ARG	<0.01 mm.
	19490	ROCK	"				"							M SIL	MGEEY, fgrd-β BASALT?
														W ARG	10% MICRO Vs (QTZ-CB)
															<0.01 mm, <1% DISS py

THE NORTHAIR GROUP **SAMPLE DESCRIPTION**

Project Forest Kerr Project

Sampler B. Malcolm

Date	Sample No.	Type	Location				Sample Data				Assay Data				Sample Description	
			Claim	Northing	Easting	Zone	No.	From (m)	To (m)	Int. (m)	Cu	Au	Ag		Alteration	
Aug 14	18206	Rock	FK 5								21	.001	.2		Sil	Siliceous gls float/ sed. rock
	18207	"	"								14	.001	<.2			chert / rhyol. tc? + py
	18208	"	"								<1	<.001	<.2		carb	str. carb alt sed's
	18209	"	"								3	<.001	<.2		carb	mod carb alt rhyol. tc

THE NORTHAIR GROUP SAMPLE DESCRIPTION

Project FORREST KERR β = aphanitic

13

Sampler MIKE HOLMES

Date 1991	Sample No.	Type	Location: Claim	Northing	Easting	Zone	Sample Data: No.	From (m)	To (m)	Int. (m)	Assay Data: Cu	Au	Ag		Alteration	Sample Description
14 AUG	19473	ROCK	FK5				grab chip								S-SIL	l gy.-blk, f grnd, mass. basalt, QVs (ø<0.01mm)
	19474	ROCK	"				"								S-SIL W-KSPAR?	l α f grnd volc. fragm, rounded ... fragm (1m-9mm) heterogeneous: volc, rhyolite?; flow texture, found at side of shear zone
	19475	ROCK	"				"								S-SIL W-K-SPAR? W-CB	found 20 ft. from # 19474 across other side of shear zone, l gry s-sil aphanitic, 8% cc Vs <0.01mm
	19476	ROCK	"				"								S-SIL	S-LIMON., αβ basalt, 2-3% DISS py, INDISTINCT QTZ? blebs?
	19477	ROCK	"				"								S-SIL	l gry-green β QTZ-FILLED AMYGDALOIDAL BASALT, Δ
	19478	ROCK	"				"								S-SIL	l brn β lapilli tuff: subang. frags 2-9mm, Δ 3% TETR?, 20% OXIDE STAIN
	19479	ROCK	"				"								S-SIL	SAME AS 19478, Δ

15

THE NORTHAIR GROUP

SAMPLE DESCRIPTION

Project Forrest Kerr

Sampler B. Malahoff

Date	Sample No.	Type	Location: Claim	Northing	Easting	Zone	Sample Data: No.	From (m)	To (m)	Int. (m)	Assay Data: Cu ppm	Au ppb	Ag ppm	Alteration	Sample Description
Aug 9, 91	18251	Rock	FKS				grab chip				72	<.001	.2	Weak Chl	Quartz Vein tr cp, py
"	18252	"	"				"							Str. Sil	
											3.48%	<.002	4.66 oz/t	lim alt, strong	cherty sed str limonite
"	18253	"												carb	alt mal, az t/o, tr cp, tr py minor black sulphides
							"				4545	<.001	1.69 oz/t	carb,	strong carb alt, mod mal, az tr cp, tr-1% py, tr-2% black sulphides
"	18254	"	"											carb	as 18252
"	18255	"	"				"				4839	<.001	28.6	lim	as 18254
"	18256	"	"				"				4847	<.001	23.0	Ankerite	and tuff? tr py in gossanous sand
											273	<.001	1.0	lim	and tuff 1-2% dissem py strongly gossanous
"	18257	"	"											carb	highly folded sed (arg, ll-la) minor carb veinlets tr py
							"								
"	18258	"	"												
							"								
"	18259	"	"								6	<.001	<.2	sil	cherty chalcedonic tr hematite
"	18260	"	"				"				5	<.001	<.2	"	as 18259
"	18261	"	"				"				2	<.001	<.2	"	as 18259
"	18262	"	"				"				9	.001	<.2	sil	green strongly sil agglomerate tr py
"	18201	"	"				"				32	<.001	.2	tr hem	Qtz vein floaty, wk-mod limonite in fracture tr hematite
"	18202	"	"				"								
"	18203	"	"				"				8	<.001	.2	carb	Qtz vein with minor carb
											237	<.001	.6	sil	grey-black qtz vein with graphite + hematite tr py, cp, highly frac
"	18204	"	"				"								
											454	<.001	16.2	WK Lim	Qtz vein with graphite tr p
"	18205	"	"				"				53	<.001	.4		as 18204

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

Appendix 2 Assay Certificates

SEPTEMBER 4, 1991

CERTIFICATE OF ASSAY ETK 91-682

NEWHAWK GOLDMINES LTD.
860, 625 HOWE ST.
VANCOUVER, B.C.
V6C 2T6

ATTENTION: DAVID VISAGIE

SAMPLE IDENTIFICATION: 48 ROCK PULP samples received AUGUST 22, 1991
PROJECT: SULPHSIDE
SHIPMENT NUMBER: 41

ET#	Description	AU (g/t)	AU (oz/t)
1	15257	<.03	<.001
2	15258	<.03	<.001
3	18201	<.03	<.001
4	18202	<.03	<.001
-	18203	<.03	<.001
-	18204	<.03	<.001
7	18205	<.03	<.001
8	18206	.03	.001
9	18207	.03	.001
10	18208	<.03	<.001
11	18209	<.03	<.001
12	18251	<.03	<.001
13	18252	<.03	<.001
14	18253	<.03	<.001
15	18254	<.03	<.001
16	18255	<.03	<.001
17	18256	<.03	<.001
18	18259	<.03	<.001
19	18260	<.03	<.001
20	18261	<.03	<.001
21	18262	.05	.001
22	19473	<.03	<.001
23	19474	<.03	<.001
24	19475	<.03	<.001
25	19476	<.03	<.001
26	19477	.03	.001
27	19478	.03	.001
28	19479	.05	.001
29	19480	<.03	<.001
30	19481	<.03	<.001

Frank J. Pezzotti, Certified Assayer

ET#	DESCRIPTION	Au(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27 -	19478	<5	<.2	.49	<5	8	165	<5	1.37	<1	10	7	1	3.06	.29	<10	.62	829	<1	<.01	<1	950	<2	5	<20	5	.02	<10	24	<10	3	29
28 -	19479	<5	<.2	.68	<5	8	80	<5	1.60	<1	9	4	4	2.54	.39	<10	.58	502	<1	<.01	<1	720	<2	5	<20	<1	<.01	<10	15	<10	3	28
29 -	19480	<5	<.2	.62	25	8	70	<5	1.74	<1	12	19	32	3.83	.26	10	.53	984	3	<.01	<1	500	30	5	<20	<1	<.01	<10	8	<10	1	125
30 -	19481	<5	<.2	1.59	<5	10	75	<5	.70	<1	6	30	11	2.22	.08	10	.99	436	2	.03	<1	350	2	5	<20	16	.02	<10	<1	<10	6	39
31 -	19482	<5	<.2	1.67	<5	10	55	<5	.69	<1	5	23	1	3.11	.11	10	1.22	296	2	.02	<1	320	<2	5	<20	1	<.01	<10	1	<10	4	35
32 -	19483	<5	<.2	.49	15	8	175	<5	.07	<1	2	92	10	1.40	.04	<10	.30	73	7	.01	10	210	4	<5	<20	8	<.01	<10	5	<10	1	15
33 -	19484	<5	<.2	1.35	<5	8	125	<5	.38	<1	4	7	6	1.62	.15	<10	.96	211	1	<.01	1	160	<2	5	<20	<1	<.01	<10	<1	<10	3	20
34 -	19485	<5	<.2	1.50	10	10	65	<5	.69	<1	14	92	429	3.77	.11	<10	1.08	313	10	.01	34	1050	6	5	<20	2	.02	<10	135	<10	7	40
35 -	19486	<5	<.2	.40	10	10	45	<5	3.42	<1	7	21	43	3.24	.19	<10	.68	872	3	<.01	3	440	<2	5	<20	<1	<.01	10	19	<10	4	17
36 -	19487	<5	<.2	1.72	<5	8	195	<5	2.83	<1	11	29	28	3.41	.21	<10	1.13	846	2	<.01	1	460	<2	5	<20	42	<.01	<10	31	<10	4	48
37 -	19488	<5	<.2	.52	20	8	190	<5	2.82	<1	12	22	32	3.33	.21	<10	.77	803	3	<.01	<1	470	<2	5	<20	36	<.01	<10	12	<10	1	37
38 -	19489	<5	<.2	.96	<5	10	205	<5	1.91	<1	10	18	41	3.27	.25	10	.64	604	2	<.01	<1	590	2	<5	<20	13	<.01	<10	13	<10	3	34
39 -	19490	<5	<.2	2.14	<5	8	160	<5	1.40	<1	17	1	9	4.70	.31	10	1.48	1192	<1	.01	<1	1720	<2	5	<20	1	<.01	<10	25	<10	6	74
40 -	19714	-	1.4	.17	270	10	45	<5	<.01	<1	1	19	19	1.94	.01	<10	.02	18	5	<.01	1	280	10	5	<20	5	<.01	<10	<1	<10	<1	4
41 -	19715	-	.8	.16	75	8	40	<5	<.01	<1	2	30	15	1.97	.10	<10	.02	9	4	<.01	1	190	12	<5	<20	21	<.01	<10	<1	<10	<1	6
42 -	19716	-	1.2	.52	60	10	20	<5	.20	<1	11	33	53	4.79	.15	<10	.44	177	12	.02	2	990	32	10	<20	13	.02	10	20	<10	<1	89
43 -	19717	-	2.2	.61	145	10	25	<5	.41	<1	12	41	2541	5.87	.06	<10	.73	296	5	.01	3	850	22	20	<20	4	.04	10	34	<10	<1	67
44 -	19718	-	3.4	1.31	85	10	40	5	2.61	<1	17	29	6895	5.88	.21	<10	.76	1945	4	<.01	1	820	4	10	<20	53	<.01	10	18	<10	<1	109
45 -	19719	-	.2	.29	100	6	25	<5	3.68	<1	10	8	148	4.04	.03	<10	.46	2104	2	<.01	<1	1170	6	10	<20	21	<.01	10	1	<10	<1	42
46 -	19720	-	.2	.31	40	4	10	<5	2.61	<1	8	6	44	3.58	.08	<10	.10	1373	1	<.01	<1	930	32	10	<20	15	<.01	<10	<1	<10	<1	32
47 -	19721	-	.4	.18	40	4	10	<5	2.00	<1	7	9	21	3.18	.02	<10	.56	1999	2	<.01	<1	970	26	10	<20	20	<.01	<10	<1	<10	<1	18
48 -	20193	-	21.4	.13	5415	8	55	<5	.09	<1	2	97	38	1.43	<.01	<10	.04	145	6	<.01	3	350	6	85	<20	4	<.01	<10	1	<10	<1	14

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

NEWHAWK - ETK 91-682

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

860, 625 HOWE ST.
V6C 2T6

SEPTEMBER 4, 1991

ATTENTION: DAVID VISAGIE

VALUES IN PPM UNLESS OTHERWISE REPORTED

SHIPMENT NO: 41
PROJECT: SULPHSIDE
48 ROCK PULP SAMPLES RECEIVED AUGUST 22, 1991

ETK	DESCRIPTION	Au(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	15257	<5	.2	2.07	5	8	45	<5	.24	2	16	17	185	5.25	.07	<10	1.75	546	2	.03	7	720	4	15	<20	7	.13	<10	61	<10	5	60
2 -	15258	<5	.6	.22	20	6	45	<5	2.03	<1	6	37	161	2.25	.01	<10	1.05	441	4	<.01	6	400	2	25	<20	<1	<.01	10	25	<10	1	47
3 -	18201	<5	.2	.20	<5	8	80	<5	.12	<1	3	158	32	.93	.05	<10	.08	279	11	<.01	5	140	8	<5	<20	1	<.01	<10	2	<10	<1	12
4 -	18202	<5	<.2	.06	<5	8	25	<5	1.01	<1	1	133	8	1.01	.01	<10	.21	420	9	<.01	4	80	<2	<5	<20	<1	<.01	<10	<1	<10	4	7
5 -	18203	<5	.6	.10	105	8	30	<5	.05	<1	4	149	237	1.09	.03	<10	.02	98	30	<.01	35	190	30	5	<20	<1	<.01	<10	45	<10	2	26
6 -	18204	<5	16.4	.09	300	10	20	<5	<.01	<1	7	134	454	4.02	<.01	<10	.04	97	16	<.01	45	310	20	350	<20	1	<.01	10	68	<10	<1	151
7 -	18205	<5	.4	.09	45	6	15	<5	3.11	1	5	114	53	2.14	<.01	<10	1.01	1007	18	<.01	33	110	12	15	<20	<1	<.01	10	92	<10	5	119
8 -	18206	<5	.2	.13	25	6	80	<5	.06	<1	6	148	21	1.30	.01	<10	.02	93	13	<.01	17	110	4	5	<20	6	<.01	<10	8	<10	<1	19
9 -	18207	<5	<.2	.22	5	10	35	<5	.95	<1	4	133	14	1.48	<.01	<10	.46	447	9	<.01	10	260	2	5	<20	22	<.01	<10	6	<10	1	17
10 -	18208	<5	<.2	.37	10	8	180	<5	8.80	<1	11	20	<1	3.22	.02	<10	4.83	262	1	<.01	2	10	<2	10	<20	<1	<.01	10	36	<10	<1	44
11 -	18209	<5	<.2	.23	<5	8	375	<5	1.27	<1	3	60	3	1.14	.11	<10	.30	239	4	<.01	<1	170	<2	5	<20	14	<.01	<10	1	<10	1	15
12 -	18251	<5	.2	.04	70	10	20	<5	.07	<1	3	155	72	.56	<.01	<10	.01	176	13	<.01	19	130	30	10	<20	<1	<.01	<10	30	<10	1	42
13 -	18252	<5	>30	.20	2345	10	35	100	1.67	15	62	81	>10000	3.99	<.01	<10	.51	421	64	<.01	176	100	6	5970	<20	<1	<.01	20	205	20	5	778
14 -	18253	<5	>30	1.08	705	12	30	<5	4.42	<1	77	87	4545	5.65	<.01	<10	1.89	1432	82	<.01	210	250	58	210	<20	1	<.01	20	344	<10	9	437
15 -	18254	<5	28.6	.34	375	12	55	15	1.23	7	39	89	4839	2.11	.04	<10	.24	465	61	<.01	200	810	24	400	<20	<1	<.01	20	520	<10	12	408
16 -	18255	<5	23.0	.29	440	10	45	10	1.38	3	29	96	4847	1.69	<.01	<10	.36	464	34	<.01	99	460	8	630	<20	<1	<.01	10	339	<10	7	316
17 -	18256	<5	1.0	2.08	50	8	80	<5	.05	<1	9	9	273	5.28	.08	<10	1.63	312	2	.05	9	630	14	30	<20	14	<.01	<10	52	<10	<1	141
18 -	18259	<5	<.2	.11	<5	10	25	<5	1.11	<1	1	55	6	.90	.03	30	.30	291	4	.04	<1	380	<2	<5	<20	6	<.01	<10	4	<10	3	10
19 -	18260	<5	<.2	.38	5	8	80	<5	.73	<1	4	45	5	2.42	.09	10	.25	441	3	.04	<1	280	<2	<5	<20	1	<.01	<10	7	<10	1	27
20 -	18261	<5	<.2	.10	<5	8	45	<5	1.51	<1	2	61	2	1.65	.04	10	.48	610	5	.02	<1	300	<2	5	<20	10	<.01	<10	7	<10	2	14
21 -	18262	<5	<.2	1.06	<5	8	85	<5	.73	<1	5	33	9	2.58	.07	10	.72	390	2	.03	<1	330	2	5	<20	16	.02	<10	3	<10	4	42
22 -	19473	<5	<.2	.53	<5	8	30	<5	.52	<1	4	55	4	2.09	.16	10	.29	545	4	.03	<1	560	2	<5	<20	2	.02	<10	2	<10	7	25
23 -	19474	<5	.2	.30	5	8	240	<5	.38	<1	2	28	3	1.68	.18	10	.09	164	2	.02	<1	490	2	<5	<20	7	<.01	<10	<1	<10	4	7
24 -	19475	<5	<.2	.20	<5	8	35	<5	9.84	<1	3	13	<1	1.88	.12	<10	4.63	907	1	<.01	<1	200	<2	10	<20	1	<.01	10	6	<10	1	36
25 -	19476	<5	<.2	.70	30	10	75	<5	.50	<1	8	59	56	2.93	.07	<10	.60	150	17	.01	22	320	10	5	<20	2	.13	<10	113	<10	8	25
26 -	19477	<5	<.2	2.71	<5	8	140	<5	.35	<1	21	5	9	6.11	.25	10	2.13	1318	<1	.03	2	1370	<2	10	<20	2	<.01	<10	42	<10	4	69

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

NEWHAWK GOLDMINES LTD. SEPTEMBER 4, 1991
ETK 91-682

ET#	Description	AU (g/t)	AU (oz/t)
31 -	19482	<.03	<.001
32 -	19483	<.03	<.001
33 -	19484	<.03	<.001
34 -	19485	.08	.002
35 -	19486	<.03	<.001
36 -	19487	<.03	<.001
37 -	19488	<.03	<.001
38 -	19489	<.03	<.001
39 -	19490	<.03	<.001
40 -	19714	.33	.010
41 -	19715	.10	.003
42 -	19716	.19	.006
43 -	19717	.46	.013
44 -	19718	.94	.027
45 -	19719	.04	.001
46 -	19720	.21	.006
47 -	19721	.06	.002
'8 -	20193	8.70	.254

OTE: < = less than

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SEPTEMBER 4, 1991

CERTIFICATE OF ASSAY ETK 91-682

NEWHAWK GOLDMINES LTD.
860, 625 HOWE ST.
VANCOUVER, B.C.
V6C 2T6

ATTENTION: DAVID VISAGIE

SAMPLE IDENTIFICATION: 48 ROCK PULP samples received AUGUST 22, 1991
PROJECT: SULPHSIDE
SHIPMENT NUMBER: 41

ET#	Description	AG (g/t)	AG (oz/t)	CU (%)
13 -	18252	159.7	4.66	3.48
14 -	18253	57.9	1.69	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 27, 1991

CERTIFICATE OF ASSAY ETK 91-681

;WHAWK GOLDMINES LTD.
;0, 625 HOWE ST.
ANCOUVER, B.C.
›C 2T6

'TENTION: DAVID VISAGIE

MPLE IDENTIFICATION: 23 CORE PULP samples received AUGUST 22, 1991

PROJECT: SULPHSIDE
SHIPMENT NUMBER: 41

ET#	Description	AU (g/t)	AU (oz/t)	CU (%)
1	- 0 5486	.20	.006	.13
2	- 0 5487	.18	.005	.17
3	- 0 5488	.24	.007	.19
4	- 0 5489	.16	.005	.23
5	- 0 5490	.37	.011	.26
	0 5491	.46	.013	.35
	0 5492	.27	.008	.28
8	- 0 5493	.19	.006	.28
9	- 0 5494	.22	.006	.34
10	- 0 5495	.15	.004	.13
11	- 0 5496	.12	.003	.14
12	- 0 5497	.16	.005	.25
13	- 0 5498	.17	.005	.31
14	- 0 5499	.19	.006	.36
15	- 0 5500	.22	.006	.51
16	- 0 5851	.67	.020	1.04
17	- 0 5852	.68	.020	1.02
18	- 0 5853	.49	.014	.61
19	- 0 5854	.21	.006	.45
20	- 0 5855	.41	.012	.51
21	- 0 5856	.19	.006	.57
22	- 0 5857	.72	.021	.59
23	- 0 5858	.36	.010	.20

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

NEWHAWK - ETK 91-702
860, 625 HOWE ST.
V6C 2T6

SEPTEMBER 9, 1991

ATTENTION: DAVID VISAGIE

VALUES IN PPM UNLESS OTHERWISE REPORTED

SHIPMENT NO: 42
PROJECT: SULPHSIDE
64 SILT/SOIL SAMPLES RECEIVED AUGUST 26, 1991

T#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- N91FK - 1 *	<5	.2	.76	45	8	135	<5	.85	<1	18	16	57	3.34	.05	<10	.90	1202	2	<.01	22	860	4	5	<20	12	<.01	<10	41	<10	4	93
2	- N91FK - 2 *	<5	.2	.76	45	8	125	<5	.28	<1	21	6	80	4.09	.03	<10	.66	1450	2	<.01	10	680	10	10	<20	8	<.01	<10	20	<10	1	61
3	- N91FK - 3 *	<5	1.0	.73	175	8	70	<5	.46	4	32	40	185	4.09	<.01	<10	.89	1034	14	<.01	111	740	24	20	<20	10	.01	<10	111	<10	4	403
4	- N-91-SL - 01*	265	2.2	1.37	195	6	80	<5	.08	<1	7	6	260	4.99	<.01	<10	.39	285	8	<.01	7	610	36	10	<20	11	.04	<10	49	<10	<1	106
5	- N-91-SL - 02*	235	.6	1.58	315	8	105	<5	.06	<1	11	6	98	9.14	<.01	<10	.49	360	7	.01	3	2000	68	15	<20	12	.07	<10	64	<10	<1	52
6	- N-91-SL - 03*	330	.4	1.08	190	4	100	<5	.03	<1	6	2	52	5.90	<.01	<10	.22	151	7	<.01	2	1830	58	10	<20	12	.04	<10	75	<10	<1	28
7	- N-91-SL - 04*	310	.8	1.10	420	4	80	<5	.04	<1	9	4	74	6.87	<.01	<10	.26	568	13	<.01	3	2060	76	15	<20	10	.06	<10	101	<10	<1	44
8	- N-91-SL - 05*	285	.6	.89	180	2	80	<5	.04	<1	3	2	35	3.12	<.01	<10	.09	52	7	<.01	2	1810	46	5	<20	12	.02	<10	67	<10	<1	15
9	- N-91-SL - 06	300	3.0	.87	165	2	45	<5	.02	<1	3	1	30	2.81	<.01	<10	.09	90	7	<.01	1	810	46	5	<20	9	.02	<10	62	<10	<1	19
10	- N-91-SL - 07*	265	.4	.91	255	4	50	<5	.06	<1	10	4	43	6.07	<.01	<10	.21	272	12	.01	3	550	52	10	<20	10	.10	<10	124	<10	<1	34
11	- N-91-SL - 08	210	.8	1.15	300	8	60	<5	.06	<1	14	4	62	7.90	<.01	<10	.28	352	8	<.01	5	2480	78	10	<20	11	.05	<10	75	20	<1	53
12	- N-91-SL - 09*	260	2.6	1.77	245	10	205	<5	.98	12	21	6	360	5.45	<.01	30	.27	3442	6	<.01	19	1710	68	15	<20	47	.03	<10	21	10	24	1387
13	- N-91-SL - 10	290	<.2	1.40	295	2	150	<5	.18	<1	9	7	59	5.67	<.01	<10	.24	364	7	<.01	5	560	46	15	<20	16	.03	<10	115	<10	<1	130
14	- N-91-SL - 11*	220	3.4	1.51	385	4	155	<5	1.14	9	15	4	128	5.13	<.01	10	.25	2267	5	<.01	8	1210	90	10	<20	50	.02	<10	32	<10	13	1367
15	- N-91-SL - 12	345	1.2	.81	315	2	80	<5	.04	<1	6	<1	50	5.40	<.01	<10	.15	108	6	<.01	2	1400	74	10	<20	12	.06	<10	70	<10	<1	41
16	- N-91-SL - 13*	285	4.2	1.72	500	4	215	<5	.70	<1	17	3	69	5.14	<.01	10	.16	4005	3	<.01	5	1360	50	15	<20	32	.02	<10	50	<10	2	634
17	- N-91-SL - 14*	190	1.0	.81	350	2	115	<5	.06	<1	8	1	52	5.18	<.01	<10	.13	870	7	<.01	1	1330	68	10	<20	10	.06	<10	75	<10	<1	68
18	- N-91-SL - 15*	315	2.0	1.39	1045	4	105	<5	.03	<1	16	13	74	11.79	<.01	10	.33	1257	9	<.01	7	2550	88	30	<20	9	.05	<10	87	<10	<1	95
19	- N-91-SL - 16*	530	3.2	1.38	2300	2	145	<5	.03	<1	24	11	78	10.97	<.01	<10	.38	5285	9	<.01	9	2180	78	50	<20	10	.01	<10	48	<10	<1	156
20	- N-91-SL - 17*	520	2.4	1.73	6805	4	85	<5	.12	<1	42	<1	85	11.34	<.01	<10	.69	6610	2	<.01	2	2880	712	45	<20	7	.01	<10	24	<10	<1	227
21	- N-91-SL - 18*	800	1.6	1.28	1660	2	185	<5	.03	<1	12	<1	114	11.53	<.01	<10	.29	1526	5	<.01	<1	1810	104	40	<20	11	.01	<10	34	<10	<1	80
22	- N-91-SL - 19	330	1.2	1.94	465	6	155	<5	.08	<1	12	3	140	8.72	<.01	10	.30	1477	10	.01	3	1520	92	20	<20	12	.05	<10	71	<10	<1	109
23	- N-91-SL - 20*	440	1.6	1.43	1330	2	120	<5	.08	<1	8	<1	98	6.54	<.01	10	.18	720	12	<.01	3	1350	98	30	<20	10	.03	<10	99	<10	<1	74
24	- N-91-SL - 21	305	1.8	1.42	1295	<2	115	<5	.08	<1	8	<1	100	6.46	<.01	10	.18	688	12	<.01	3	1370	98	30	<20	9	.02	<10	95	<10	<1	71
25	- N-91-SL - 22*	565	2.2	1.09	415	<2	130	<5	.02	<1	8	<1	167	5.06	<.01	<10	.13	385	13	<.01	2	960	90	20	<20	11	.01	<10	78	<10	<1	82
26	- N-91-SL - 23*	680	6.0	2.08	1130	2	130	<5	.09	<1	37	3	406	9.66	<.01	<10	.57	9134	5	.01	5	2530	470	35	<20	11	.01	<10	48	<10	<1	602

6348

19475 19473

19476 N 91-FK-3 19473 18205 18256 18253

18259 18254

18255

18252

18204

18203

18208

18201

18251

6000

19472 19477

19479

5000

19490

19489

19488

19487

19486

18206

18207

18260

19485

19484

18261 18262 18259 18208

18209 19483

N91 FK-4 19480

19482

19481

4000

FK 5

3000

FK-6

2000

SCALE

0 200 400 600

LEGEND

▲ ROCK

● SILT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,911

NORTHAIR GROUP

SAMPLE LOCATIONS

DRAWN BY: D.V.	NTS 104 B 15 E
DATE: APRIL/90	FIGURE NO: 4

6348

6000

5000

4000

3000

2000

AREA C

AREA B

AREA A

FK 5

FK-6

<L5

<L5, .46% Cu, 1.69 opt Ag

<L5, .48% Cu

<L5, .48% Cu

3.48% Cu, 4.66 opt Ag

SCALE

0 200 400 600

1:5000

LEGEND

VALUES-PPB Au

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,911

NORTHAIR GROUP

RESULTS - GOLD (PPB)

DRAWN BY: D.V.	NTS 104 B 15 E
DATE: APRIL/90	FIGURE NO: 5