

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 94.11.06

ASSESSMENT REPORT 23171

MINING DIVISION: Skeena

PROPERTY: Dawn
LOCATION: LAT 56 20 00 LONG 130 10 00
UTM 09 6243577 427864
NTS 104B08W

CAMP: 050 Stewart Camp

CLAIM(S): Dawn
OPERATOR(S): Newhawk Gold Mines
AUTHOR(S): Visagie, D.A.
REPORT YEAR: 1993, 22 Pages

COMMODITIES

SEARCHED FOR: Gold

KEYWORDS: Jurassic, Hazelton Group, Argillites, Siltstones, Cherts, Andesites
Placer

WORK

DONE: Geochemical, Physical
PITS 15 pit(s); AU
Map(s) - 1; Scale(s) - 1:2000

LOG NO:	DEC 23 1993	RD.
ACTION:		
FILE NO:		

GEOCHEMICAL SAMPLING

OF THE

PLACER GROUP

Sulphurets Project

Skeena Mining Division

Latitude: 56°20'N

Longitude: 130°10'W

NTS: 104B/8

OWNER:

and Newhawk Gold Mines Ltd.
Granduc Mines Limited

OPERATOR:

Newhawk Gold Mines Ltd.
860 - 625 Howe St.
Vancouver, B.C. V6C 2T6

REPORT BY:

David A. Visagie, B.Sc., P.Geo.

FILMED

November 15, 1993

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

Distribution:
2 - Government
2 - Newhawk

SU93-430.50

23,171

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1.0 INTRODUCTION

The Placer claim group is situated within the "Golden Triangle" of north-western British Columbia. The group is part of the Newhawk Gold Mines Ltd. and Granduc Mines Limited's Bruce side property, commonly referred to as Sulphurets. It consists of 3 placer claims located on Brucejack Creek in the vicinity of Newhawk Gold Mines' Brucejack campsite. The Placer group is underlain by Lower Jurassic Hazelton Group rocks consisting of andesitic flows and tuffs along with intercalated sediments that have been intruded by quartz diorite-granodiorite plugs. Previous exploration programs on the Bruce side Property located several zones of quartz vein hosted gold-silver mineralization that occur in association with quartz-sericite-pyrite altered Hazelton Group rocks. Included among these is the West Zone where geologic reserves are 826,000 tons averaging 0.450 opt Au with 18.8 opt Ag. Brucejack Creek and its' tributaries drain several of the zones prior to merging with Sulphurets creek where limited gold placer mining has been undertaken. The purpose of the 1993 work program was to determine whether placer gravels located on a portion of Brucejack Creek contain significant accumulations of gold. To do so fifteen pits were excavated using a backhoe and from each a 30 kilogram sample extracted and sent for analysis. The work was completed on August 27 by a three man crew.

2.0 LOCATION AND ACCESS (Figures 1 & 2)

The property is located within the Coast Range Mountains of northwestern B.C., some 65 kilometres northwest of the village of Stewart approximately 920 kilometres northwest of Vancouver, B.C. It is centred at 130°10'W, 56°20'N occurring on NTS sheet 104B/8.

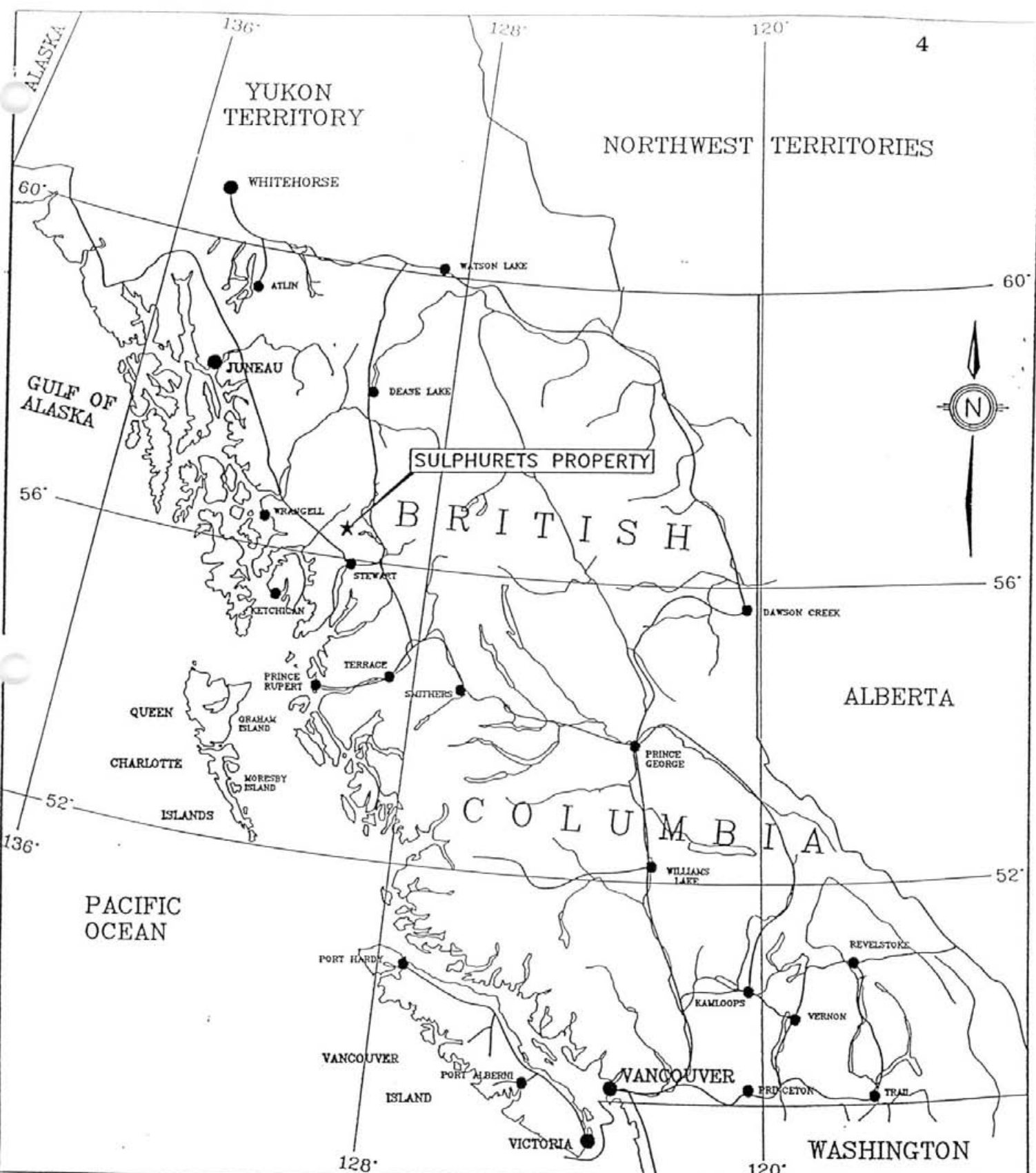
For access purposes supplies were mobilized from Stewart to the Tide Lake airstrip, 35 kilometres to the south then ferried to the property by a helicopter operated under contract for the summer from Vancouver Island Helicopters.

3.0 PROPERTY DESCRIPTION (Figure 3)

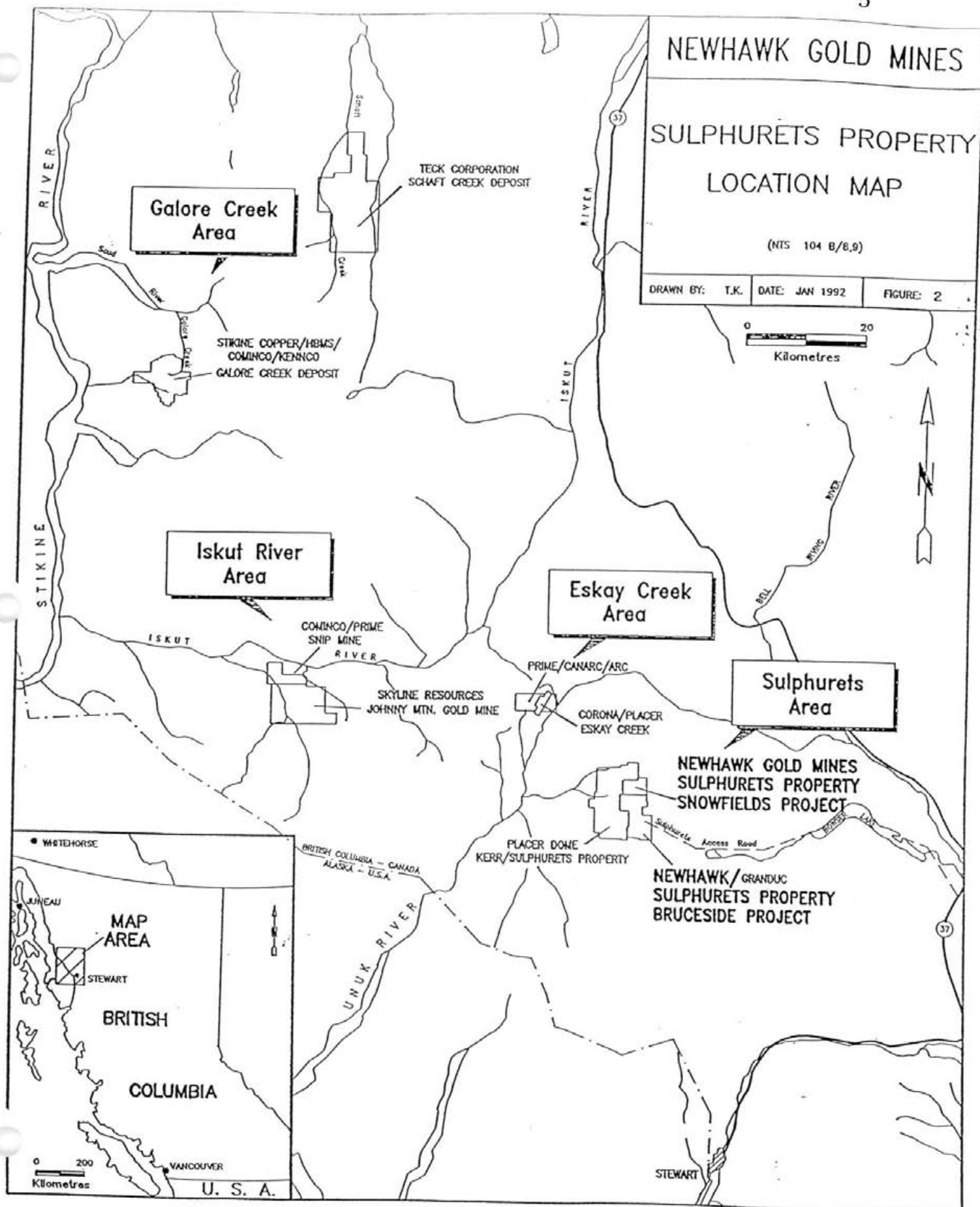
The Placer Group is comprised of the following claims:

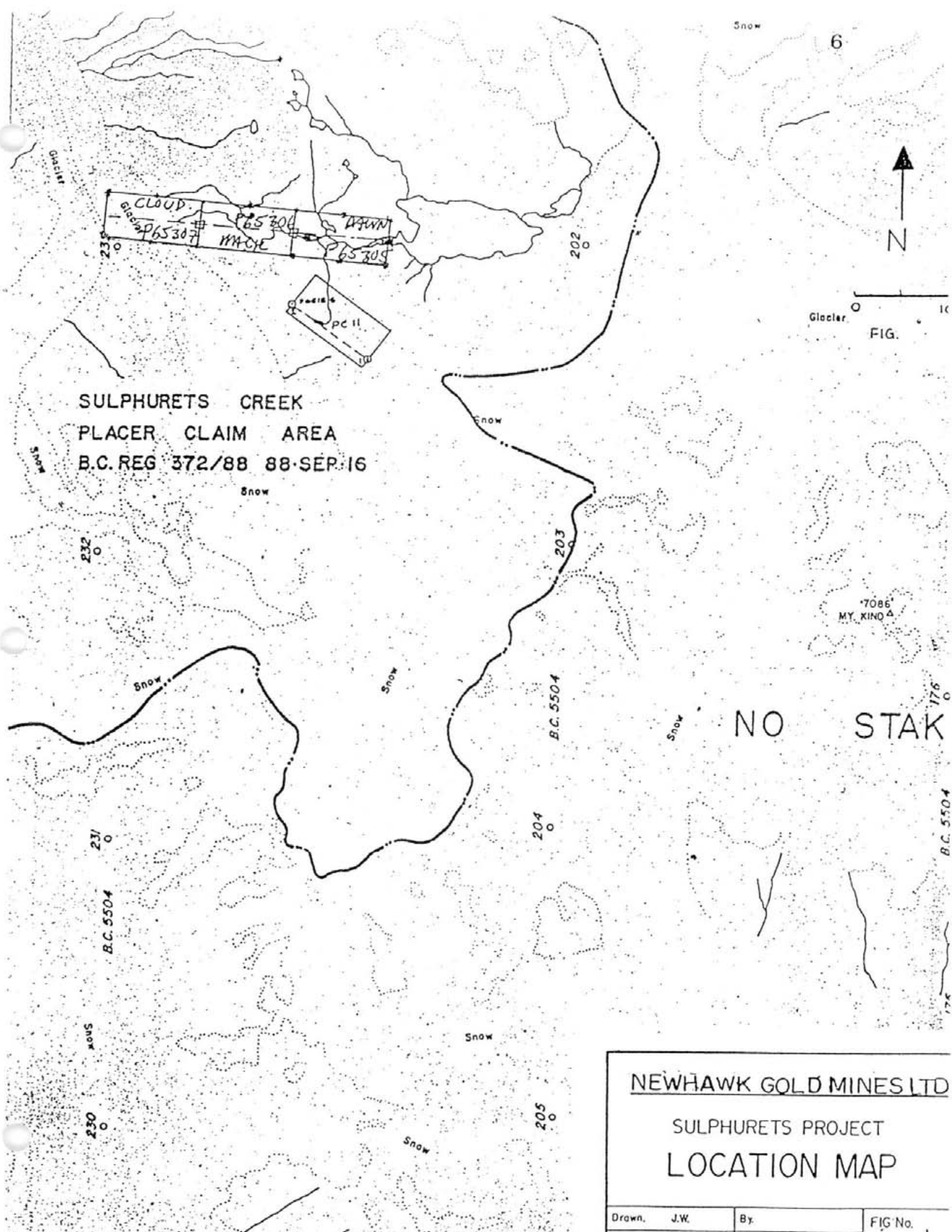
<u>Claim Name</u>	<u>Record #</u>	<u>Units</u>	<u>Expiry Date</u>
Dawn	P 12	1	November 6, 1996
Mack	P 14	1	November 6, 1996
Cloud	P 13	1	November 6, 1996

The claims all occur within the Skeena Mining Division and are 60% owned by Newhawk Gold Mines with the remaining 40% being held by Granduc Mines. Newhawk is the project operator.

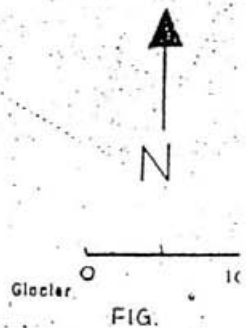


NEWHAWK GOLD MINES		0 100 200 300 400 500 kilometres	
SULPHURETS PROPERTY LOCATION MAP		DRAWN BY: T.K.	FIGURE NO: 1
		DATE: MARCH/1992	SCALE:





SULPHURETS CREEK
PLACER CLAIM AREA
B.C. REG 372/88 88-SEP-16



NO STAK

NEWHAWK GOLD MINES LTD

SULPHURETS PROJECT
LOCATION MAP

Drawn.	J.W.	By.	FIG No.
--------	------	-----	---------

4.0 PHYSIOGRAPHY AND VEGETATION

The topography of the Sulphurets property is typical of the Coast Range Mountains with steep glaciated U-shaped valleys being the norm. Elevations range from 1070 metres at Sulphurets Glacier to in excess of 1830 metres on some of the mountain ranges. Extensive ice-fields are common throughout the property.

Winters tend to be severe with extensive snowfall and winds while summers tend to be cool and wet. Most of the snowfall occurs between mid-February and mid-April.

Vegetation throughout the property is varied with spruce and fir trees occurring at the lower elevations while lichens, mosses and scrub timber dominate the uplands.

5.0 PROPERTY HISTORY

Exploration in the area dates back to the 1880's when placer gold was located in Sulphurets Creek. In 1935, copper-molybdenum mineralization was located in the vicinity of the Main Copper showing. Until 1959 the property was intermittently evaluated. In 1959, gold and silver values were located in the Brucejack Lake area. Granduc Mines, as a result of this work, staked the main claim area in 1960. Follow-up work included an airborne magnetometer survey, a few ground follow-up magnetometer lines and reconnaissance geology. As a result, copper mineralization was located along the Mitchell-Sulphurets Ridge while gold and silver values were discovered at the base of the Iron Cap area.

In 1961, Granduc drilled 224 metres of packsack core in 32 holes at four locations to test the extent of the known copper showings. Additional prospecting resulted in the discovery of gold/silver mineralization in the Hanging Glacier area and molybdenite on the south side of Mitchell Glacier. In 1962, two diamond drill holes, totalling 611 metres in length, tested molybdenum mineralization in the Quartz Stockwork Zone. In 1968, Granduc drilled 1016 metres in six holes on the Main Copper Zone and mapped the area below the Hanging Glacier. In 1970, plane table mapping was carried out from the Hanging Glacier to the south edge of the Mitchell Glacier. Granduc in 1974/75 carried out bedrock geochemical sampling and geological reconnaissance and prospecting throughout much of the property.

In 1980, Esso Minerals optioned the property from Granduc and subsequently completed between then and 1985, an extensive program consisting of mapping, trenching, geochemical sampling that resulted in the discovery of several showings including Snowfields, Shore, West and Galena. Esso surrendered its interest in 1985.

In 1985, Newhawk Gold Mines optioned the property from Granduc. Since then it has completed several evaluation programs mainly on the West Zone.

6.0 REGIONAL GEOLOGY (Figure 4)

The Bruce side property occurs within Stikine Terrane. It is underlain by Upper Triassic and Lower to Middle Jurassic Hazelton Group volcanic, volcanoclastic and sedimentary rocks. The lithostratigraphic assemblage as compiled by Kirkham (1963), Britton and Alldrick (1988), Alldrick and Britton (1991) and Kirkham et al (in preparation) consists (from oldest to youngest) of alternating siltstones and conglomerates (Lower Unuk Formation); alternating intermediate volcanic rocks and siltstones (Upper Unuk Formation); alternating conglomerates, sandstones, intermediate and mafic volcanic rocks (Betty Creek Formation); felsic pyroclastic rocks and flows, including tuffaceous rocks ranging from dust tuff to tuff breccias and localized welded ash tuffs (Mount Dilworth Formation); and finally alternating siltstones and sandstones (Salmon River and Bowser Formations).

At least three intrusive episodes occur in the area: intermediate to felsic plutons that are probably coeval with volcanic and volcanoclastic supracrustal rocks; small stocks related to Cretaceous Coast Plutonic Complex rocks and minor Tertiary dykes and sills. Stikine Terrane rocks are thought to be part of an island arc sequence that extends from south of Stewart near Anyox, north to the Iskut River for a distance of 150 km.

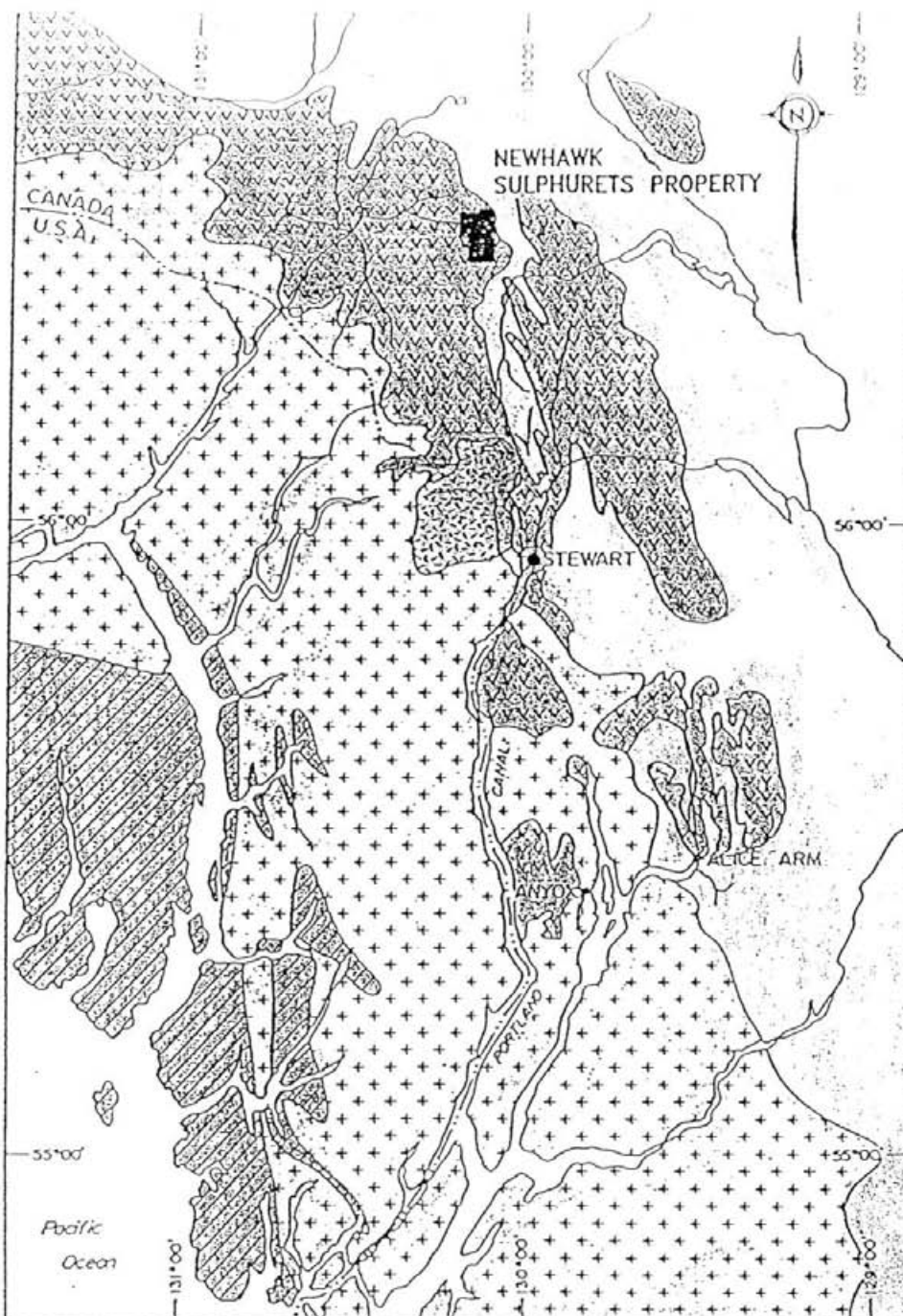
Folding is commonly exhibited throughout the Hazelton Group rocks with the andesitic tuffs and flows south east of Brucejack Lake being gently warped while Salmon and Bowser Formation rocks tend to be tightly folded. Faulting is common throughout the area with north striking steep normal faults (eg. Brucejack) and west dipping thrusts (eg. Sulphurets, Mitchell).

7.0 PROPERTY GEOLOGY (Figure 5)






The Bruce side property is comprised of both the North and South Bruce claim groups. Mapping has shown the Bruce side property to be underlain by a thick sequence of Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group that have been intruded by plutons of sub-alkaline composition. This complex has been folded and faulted and is now elongated in a northerly direction. It is bounded to the west by the Coast Crystalline complex and to the east by Bowser Basin sediments.

The oldest rocks on the property are Lower Sediments, reported to have a minimum thickness of 1500 metres, consisting mainly of argillites, siltstone and cherts along with minor amounts of wackes, arenites, tuffs and trachytes. Younger pyroclastic rocks, that range from fine tuff to breccias, are evidence of a major volcanic event in the area. These sometimes contain blocks greater than one metre in size and occur in a northerly trending elongate zone through the central part of the area. Most of the pyroclastics are of andesitic composition and have been subjected to varying degrees of alteration. These altered tuffs and breccias are host for most of the vein deposits in the Stewart area and are the most favourable host rocks on the Sulphurets property.

The Upper Sediments consist of an extensive sequence of black shales and argillites that are similar in character to the Lower Sediments.



LEGEND

- | | |
|---|--|
|  LOWER-MIDDLE JURASSIC
BOWSER ASSEMBLAGE |  UPPER TRIASSIC-LOWER JURASSIC
TEXAS CREEK INTRUSION |
|  UPPER TRIASSIC-LOWER
JURASSIC
TAKLA & HAZELTON
ASSEMBLAGE
(STEWART COMPLEX) |  CRETACEOUS-TERTIARY
COAST RANGE INTRUSIONS |
|  WRANGELL METAMORPHIC BELT
(UNDEFINED AGE) | |

REGIONAL GEOLOGY OF THE STEWART - ANYOX AREA



Figure (after Dykes et al. 1988)

N6260000

N6260000

N6260000



HANGING GLACIER

HANGING
GLACIER
ZONEGOLDEN
MARMOT
ZONEARSENOPYRITE
ZONE

ODJUMA S

SULPHURETS
GLACIER

NORTH SHORE ZONE

SHORE ZONE

CONTACT ZONE

DISCOVERY ZONE LAKE

CLIFF ZONE

ROAD

CAMP

FRASER/BELEDON ZONE

YIP ZONE

OLD YELLER ZONE

(NOTCH, S.R. ZONES)

GALENA ZONES

SPRAY ZONE

SPIKE ZONE

ELECTRUM ZONE

BRIDGE ZONE

GLACIER

WARRIOTH ZONE

GRANITE HILL ZONE

GASH/QUARTZ HILL ZONE

AGATHA ZONES

FLETCHER/ARSENIC/LAKE ZONES

JESSICA ZONE

LEGEND

- 1 HORNFELS
- 2 SEDIMENTS
- 3 INTRUSIVE
- 4 QSP ALTERATION
- 5 VOLCANICS

0 500 1000 1500



METRES

CLAIM BOUNDARY

NEWHAWK GOLD MINES LTD

SULPHURETS PROPERTY

BRUCESIDE PROJECT
PROPERTY GEOLOGY

DRAWN BY: DV, TK SCALE: 1:30,000

DATE: MAR. 1992 NTS 104B/8,9

DRAWING NO: FIGURE NO: 5

E424000

E426000

The volcanic-sedimentary sequence is cut by numerous elongated, sub-parallel northerly trending, late stage intrusive plutons that are probably of Mid-Jurassic age. These intrusives range from diorite to granite in composition and appear to be sub-alkaline. The emplacement of these plutons appears to be related to faulting and associated intense alteration, silicification and mineralization. Sericite and pyrite are the most abundant alteration minerals with other assemblages locally dominated by-feldspar, chlorite and propylitic minerals. Some clay alteration minerals have also been recognized in the Brucejack Lake Zones. Porphyry copper-gold mineralization occurs in the northern and central parts of the property and is often associated with K-spar and sericitic alteration.

Structurally controlled gold/silver bearing veins occur mainly in volcanic rocks within a one kilometre wide zone of intense predominantly sericitic alteration. The veins consist of quartz, minor calcite, and trace to 20% sulphide minerals. These range from simple single veins to complex vein zones and stockworks. Sulphides within these veins consist of pyrite, sphalerite, galena, tetrahedrite, electrum and chalcopyrite along with argentite, pyrrhotite and polybasite.

8.0 1993 WORK PROGRAM

The purpose of the 1993 work program was to evaluate the placer gold potential of the Placer Group. Prior to excavating limited snow removal of existing roads was completed using a Caterpillar D7G bulldozer. During the evaluation 15 pits were excavated using a Caterpillar 225 backhoe and sampled. The rates quoted in the cost statement are estimates for the area and include fuel and maintenance. Three man-days were spent on August 27 completing the program. The crew completing the evaluation were:

Brian Malahoff, Geologist
Bryan Kinney, Backhoe Operator
Tim Kirby, Geological Technician

Preparation and assaying of the samples was completed by Vangeochem Labs, Vancouver B.C.

9.0 GEOCHEMISTRY

9.1 Field Procedure

Sample pits were excavated, using the backhoe, to depths ranging from 0.50-1.50 metres. From each pit a 20-30 kilogram representative sample was taken, identified, described and stored in rice bags. Prior to shipping the samples were dried on site.

All samples locations are plotted on Figure 6 with the sample descriptions being listed in Appendix 1.

9.2 Assay Procedure

All of the samples were sent to Vangeochem Labs, Vancouver, B.C. for preparation and analysis. Individual samples were initially split, wet sieved, panned, heavy liquid separated (S.G. 2.95) and magnetically separated and sifted then fire assayed with atomic absorption detection (AAS) for gold using a 1/2 assay ton sample. The results are listed in Appendix 2.

10.0 RESULTS (Figure 6)

The pit sampling showed the placer gravels to consist primarily of coarse sand and pebble-cobble gravels. The assays of the samples taken from these gravels returned very low gold values with the samples ranging in assay from 0.010 mg to 0.848 mg. Anomalous values are considered to be those that contain in excess of 50 mg Au. The assay results indicate that in the area of sampling the placer gravels do not contain any significant gold occurrences.

11.0 SUMMARY AND CONCLUSIONS

One day representing 3 man days of labour was spent evaluating the placer potential of a portion of Brucejack Creek. A total of 15 pits were excavated and sampled using a backhoe. The results are all non-anomalous indicating that the gravels are non-auriferous in the area tested.

12.0 RECOMMENDATIONS

It is recommended that no further work be undertaken in the sampled area to determine the placer potential.

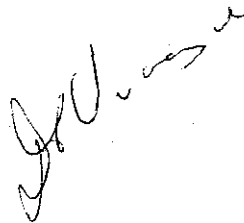
13.0 STATEMENT OF COSTS

i) Labour Costs	Total:	\$555.00
B. Malahoff, Geologist	Aug. 27	1 day @ \$250/day
B. Kinney, Labourer	Aug. 27	1 day @ \$165/day
T. Kirby, Technician	Aug. 27	1 day @ \$190/day
ii) Room & Board	Total:	\$300.00
3 man-days @ \$100/day		
iii) Helicopter Support	Total:	\$1,050.00
Transport crew & samples from camp to Tide Strip, Sept. 24/93: 1.5 hours @ \$700/hr		
iv) Freight	Total:	\$100.00
Transport samples from Stewart to Vancouver		
v) Assaying	Total:	\$1,425.75
15 samples split, sieved, heavy metal separation, etc.		
vi) Supplies	Total:	\$500.00
includes core boxes, sample bags, tape etc.		
vii) Heavy Equipment Usage	Total:	\$1260.00
a) Caterpillar D76 Bulldozer	3 hrs @ \$100/hr	
b) Caterpillar 225 Excavator	8 hrs @ \$120/hr	
viii) Report	Total:	<u>\$ 500.00</u>
includes writing, drafting, xeroxing, supplies etc.		
SUB TOTAL		\$5,690.75
ix) Management (10%)	Total:	<u>\$ 569.08</u>
TOTAL		<u>\$6,259.83</u>

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 am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
3. I have been steadily employed in the mining industry since 1976 and have been employed by International Northair Mines Ltd. as Senior Geologist since January 1990.
4. The work undertaken on the Placer group was under my supervision.

Dated at Vancouver, British Columbia, this 15th day of November, 1993.



APPENDIX 1
SAMPLE DESCRIPTIONS

SAMPLE
DESCRIPTION

Project LAKEVILLE

Sampler L. HOFF

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 27/93	12651	Medium Coarse Sand					Pt 93-1	By 1K sample from Bruce Jack Creek								- Medium + Coarse Sand. • 25mm → 10mm = 40% Qtz frags. 60% rock frags. (25% black Arg. 25% Fe stained green tuffe) green tuffe)
"	12652	Medium Sand to Pebble-gravel					Pt 93-2	" " " "								- Medium sand + pebble gravel. 25mm → .33mm 30% Qtz frags. 70% rock frags (35% black Arg. 20% Fe stained Vol. 15% green tuffe)
"	12653	Coarse sand to Cobble-gravel					Pt 93-3	" " " "								- Coarse sand + cobble gravel. 5mm → 100mm 35% Qtz frags. 65% rock frags (30% black argillite, 25% Fe stained Vol. 10% green - maroon tuffe)
"	12654	Coarse sand to Cobble-gravel					Pt 93-4	" " " "								- Coarse sand + cobble gravel. 5mm → 80mm 20% Qtz frags. 80% rock frags (35% black Arg. 30% Fe stained Vol. 15% green tuffe)

SAMPLE
DESCRIPTION

Project BRUCE SIDE

Sampler B. MALANOFF

Date	Sample No.	Type	Location				Sample Data				Assay Data				Sample Description	
			Claim	Northing	Eastng	Zone	No.	From (m)	To (m)	Int. (m)	Cu	Au	Ag		Alteration	
AUG 27/93	12655	Very fine sand, cobble gravel					Pt 93-5	Bulk sample from Borehole							-	Very coarse sand + Cobble gravel. 1mm → 100mm 10% QZ, 90% Rock frags (40% black Arg., 25% Fe stained Vol., 25% gran tuffs.)
"	12656	Coarse sand, pebble gravel					Pt 93-6	" "	" "	" "					-	Coarse sand + pebble gravel • 5mm → 60mm, 25% QZ Frags, 75% Rock frags (black Arg. (30%), Fe stained Vol. (30%), 15% green-matrix tuffs.)
"	12657	Coarse sand, cobble gravel					Pt 93-7	" "	" "	" "					-	Coarse sand + cobble gravel 0.5mm → 100mm, 30% QZ Frags, 70% Rock frags (40% black Arg., 20% Fe stained Vol., 10% green-matrix tuffs.)
"	12658	Medium sand, pebble gravel					Pt 93-8	" "	" "	" "					-	Medium sand → pebble gravel • 25mm → 8.0mm 30% QZ Frags, 70% Rock frags (30% black Arg., 25% Fe stained Vol., 15% green-matrix tuffs.)

THE
NORTH
GROUP

SAMPLE
DESCRIPTION

Project BRUCE SIDE

Sampler B. MALANOFF

Date	Sample No.	Type	Location				Sample Data				Assay Data			Alteration	Sample Description
			Claim	Northing	Easting	Zone	No.	From (m)	To (m)	Int. (m)	Cu	Au	Ag		
AG 77/73	12659	Coarse sand & pebble gravel					Pit 93-9	Bulk samples from Bruce Jack Creek							- Coarse sand → Pebble gravel .5mm → 60mm, 25% Qtz frags, 75% Rock frags (30% black Arg, 20% Fe stained Vol., 25% green tuff + mafic tuff)
"	12660	Coarse sand & pebble gravel					Pit 93-10	" " " "							- Coarse sand → Cobble gravel .5mm → 85mm 20% Qtz frags, 80% rock frags (40% black Arg, 20% Fe stained Vol., 20% green tuffs.)
"	12661	Coarse sand & pebble gravel					Pit 93-11	" " " "							- Coarse sand → Cobble gravel 0.5mm → 80mm 15% Qtz frags, 75% rock frags (35% black Arg, 25% Fe stained Vol., 10% green - mafic tuff.)
"	12662	Coarse sand & pebble gravel					Pit 93-12	" " " "							- Coarse sand → Cobble gravel .5mm → 85mm 15% Qtz → 85% Rock frags (40% black Arg, 20% Fe stained Vol., 25% green less mafic tuffs)

THE
NORTHAIR
GROUP

SAMPLE
DESCRIPTION

Project BRECE SIDE

Sampler B. MALANOFF

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 27/93	12663	Medium + Very Coarse Sand					Pit 93-13	Bulk samples from						-	Medium to Very coarse sand well sorted, .25 mm → 2mm 25% Qtz frags, 75% Rock frags (30% black Arg., 35% Fe stained Vol., 10% green - malanoff tuffs.)
"	12664	Medium + Very Coarse Sand					Pit 93-14	" " " "						-	Medium to Very coarse sand. Well sorted .25mm → 1.5mm, 25% Qtz frags, 75% rock frags. (40% black Arg., 25% Fe stained Vol., 10% green - malanoff tuffs.)
"	12665	Fine - coarse Sand					Pit 93-15	" " " "						-	Fine - Coarse sand, .125 mm → 1.5 mm 20% Qtz, 80% Rock fragments (40% black Arg., 20% Fe stained Vol., 20% green - malanoff tuffs)

APPENDIX 2
ASSAY RESULTS

**VGC****VANGEOCHEM LAB LIMITED**

MAIN OFFICE 21
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

*NHG
Bruciside*

ASSAY ANALYTICAL REPORT
=====

CLIENT: NORTHAIR MINES LTD.
ADDRESS: 860 - 625 Howe St.
: Vancouver, BC
: V6C 2T6

DATE: NOV 01 1993

REPORT#: 930116 AA
JOB#: 930116

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: OCT 19 1993
REPORT COMPLETED: NOV 01 1993

INVOICE#: 930116 NA
TOTAL SAMPLES: 15
REJECTS/PULPS: 90 DAYS/1 YR

ANALYSED FOR: Heavy Mineral Separation **SAMPLE TYPE: BULK SAMPLE**

SAMPLES FROM: MR. DAVE VISAGIE
COPY SENT TO: NORTHAIR MINES LTD.

PREPARED FOR: MR. DAVE VISAGIE

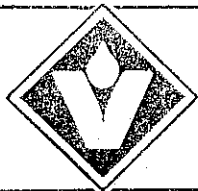
ANALYSED BY: Raymond Chan

SIGNED:

[Signature]

Registered Provincial Assayer

GENERAL REMARK: 15 BULK SAMPLES FOR HEAVY MINERAL SEPARATION.
RESULTS FAXED TO MR. DAVE VISAGIE @ 689-5041.

**VGC****VANGEOCHEM LAB LIMITED**

MAIN OFFICE: 22
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

REPORT #: 930116 AA

NORTHAIR MINES LTD.

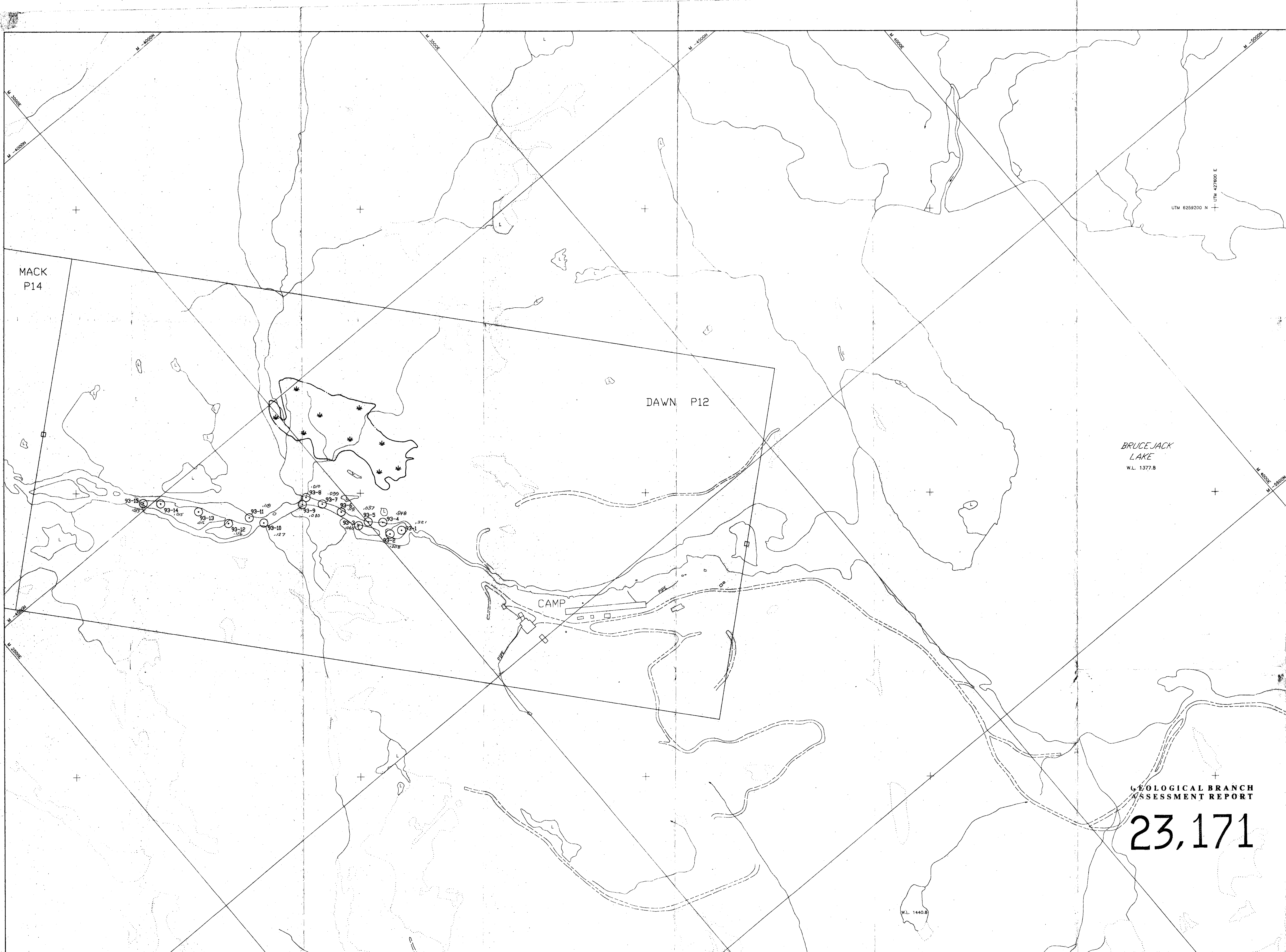
Page 1 of 1

HEAVY MINERAL SEPARATION

Sample Number	Wt of split sample in kg	Wt of Pan Conc in gm	Assay of Pan Conc ppm	Total wt of Gold in pan conc mg
BULK 12651	2.91	116.40	2.76	0.321
BULK 12652	2.73	101.40	2.05	0.208
BULK 12653	3.77	48.40	1.41	0.065
BULK 12654	4.36	80.00	10.60	0.848
BULK 12655	3.95	85.10	0.43	0.037
BULK 12656	3.32	101.10	1.18	0.119
BULK 12657	4.00	35.70	2.76	0.099
BULK 12658	2.32	54.31	0.19	0.010
BULK 12659	3.00	37.60	2.13	0.080
BULK 12660	5.59	59.30	2.15	0.127
BULK 12661	2.59	26.30	4.50	0.118
BULK 12662	2.77	60.50	1.91	0.116
BULK 12663	2.36	14.80	1.10	0.016
BULK 12664	2.36	34.20	0.43	0.015
BULK 12665	2.91	21.50	0.62	0.013

< = Below Limit Is = Insufficient Sample ns = No sample > = Over Limit

signed: _____



MACK
P14

DAWN P12

BRUCE JACK
LAKE
W.L. 1377.8

CAMP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,171

NEWHAWK GOLD MINES LTD.

SULPHURETS PROJECT
PLACER CLAIM GROUP - 1993 SAMPLING

SCALE 1:2000
20 10 0 20 60 100

PIT
SAMPLE SITE
--- SNOW
--- GLACIER
--- 3500M
--- 3000M
--- 2500M
--- 2000M
--- 1500M
--- 1000M
--- 500M
--- 0M

Sample location and Assay Results
Placer Group
NTS 1048/8
SEPTEMBER 1993
T.KIRBY