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VANCOUVER, B.C.

REPORT OF GEOCHEMICAL SURVEY

BLACK 1 - 4, 5 - 10, 11, 12 MINERAL CLAIMS

Tenure no. 352922 - 25 inclusive, 352928 - 33 inclusive, 352926, 352927

57 degrees 14' north latitude;
126 degrees 42' west longitude

NTS 94E

Finlay River Area, Toodogonne District,
Omineca Mining Division, British Columbia.

Prepared by: Erik Ostensoe, P. Geo.

Prepared for: Stealth Mining Corporation,
570 - 789 West Pender Street,
Vancouver, B. C., V6C 1H2.

Date of Report: December 10, 1997.

E. A. Ostensoe

PROFESSIONAL
PROVINCE OF
E. A. OSTENSOE
BRITISH COLUMBIA
GEOSCIENTIST

TABLE OF CONTENTS

1.0 INTRODUCTION

Stealth Mining Corporation, by agreement with Electrum Resources Ltd., holds an option to acquire a large, contiguous block of mineral claims located in the Finlay River valley of north-central British Columbia. The claims cover copper, gold and molybdenum mineralization that has been explored by technical surveys and drilling in the period 1968 to the present.

Three porphyry-style prospects, the Pine, Tree and Fin zones,. have been identified south of Finlay River, and have been partially delineated by geochemical, geological and geophysical surveys, and by diamond and reverse circulation drilling campaigns. The Black 1 - 12 claims were staked by Stealth to acquire mineral titles in an area peripheral to the principal prospects that is underexplored with respect to its mineral potential.

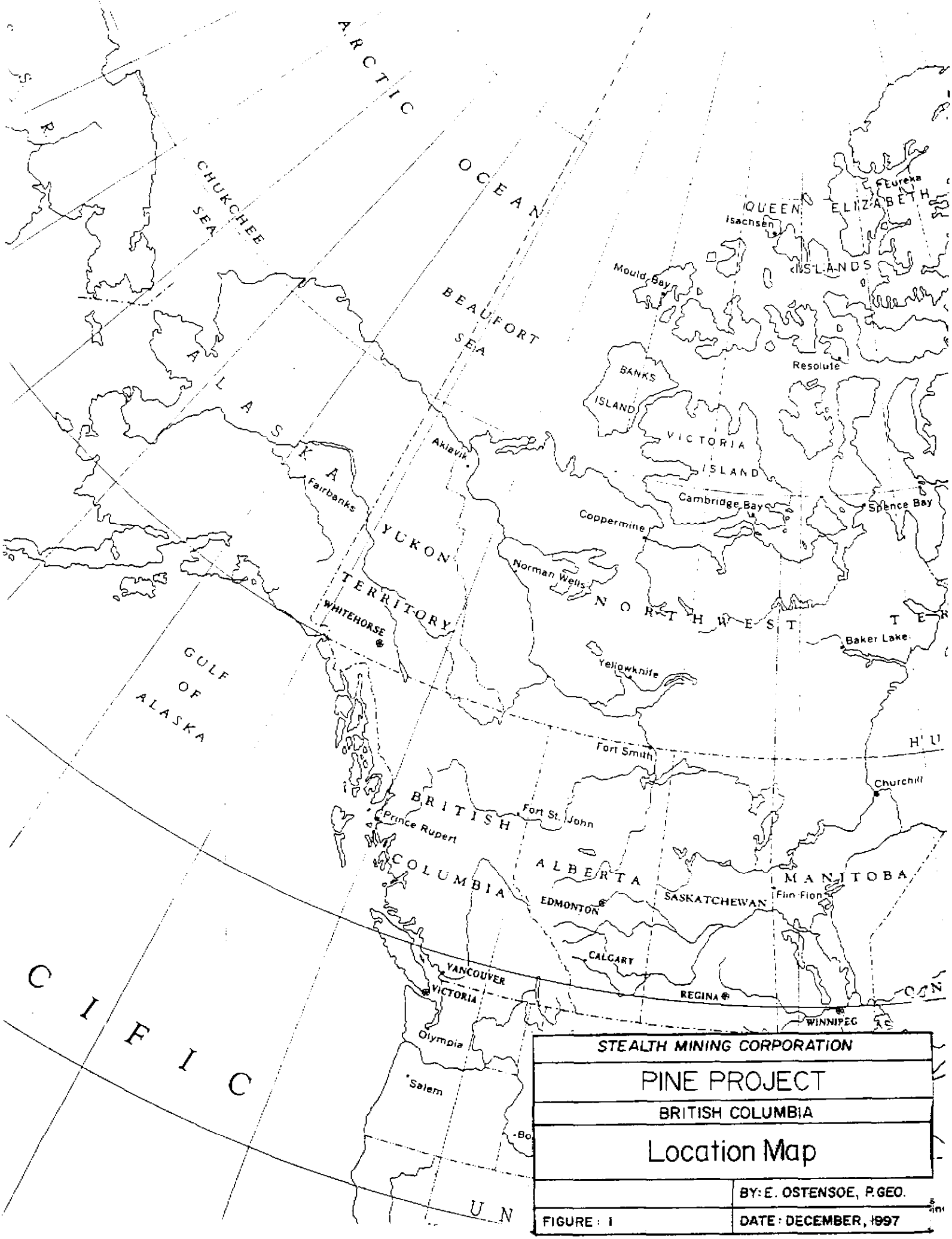
A program of geochemical sampling and geological reconnaissance that was completed on the Black claims during September, 1997 is detailed in this report

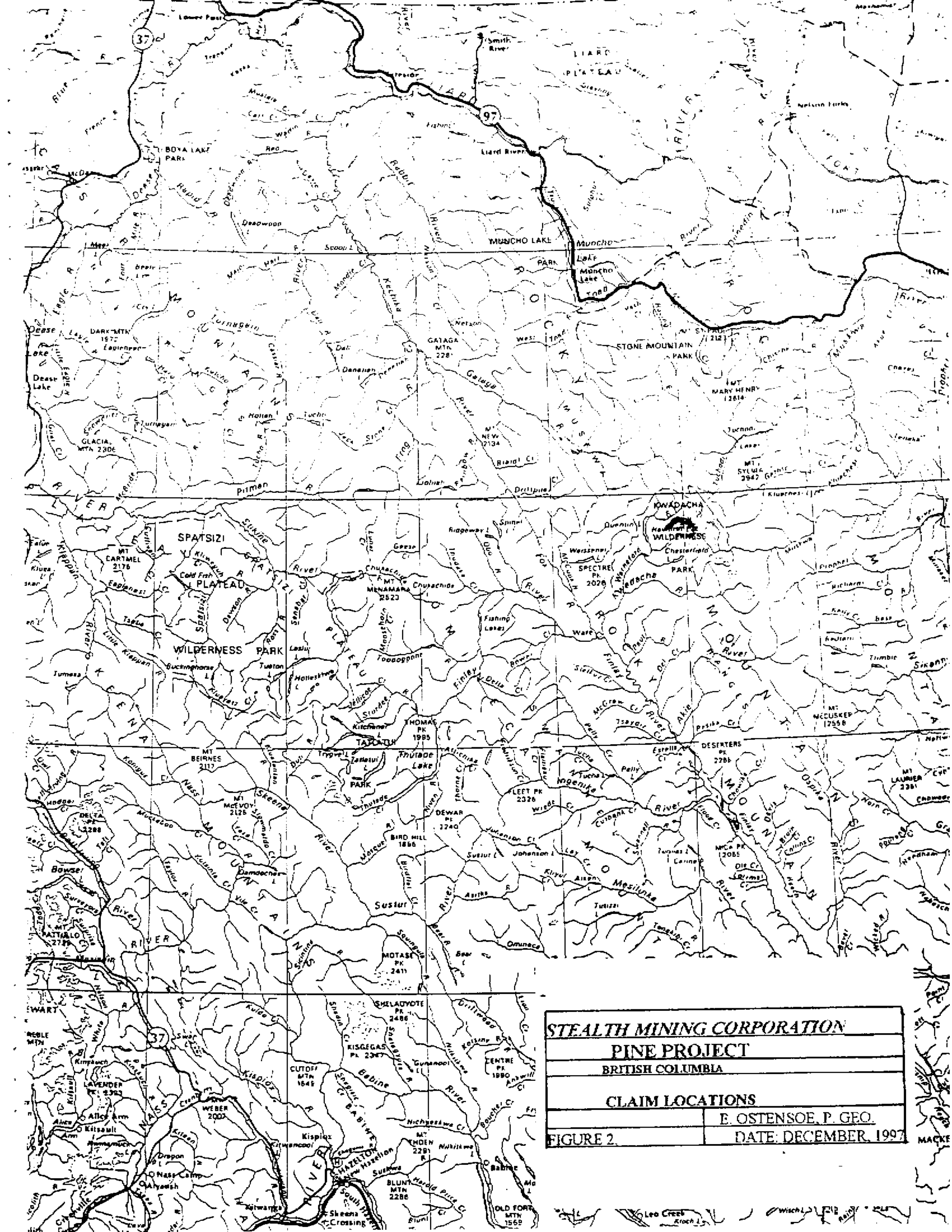
1.2 PROPERTY LOCATION AND ACCESS

The Pine property comprises a contiguous block of about 50 located mineral claims with area approximately 130 square kms. It is located in the Finlay River area of the Toodoggone Mining District, Omineca Mining Division, northern British Columbia (Figure 1, 2). Geographic coordinates of the center of the property are 57 degrees 13' North, 126 degrees 42' West. Nearest major towns are Smithers, 270 km south, and Prince George, 450 km southeast.

Logging roads from Fort St. James and Mackenzie lead to the Omineca Mining Road and the Finlay River. A 20 km tote road that follows the south side of that river provides a connection to the prospects.

The Kemess gold-copper mine, located 20 km south of the Pine property, is currently in the pre-production stage of development. Concommitantly with mine development, the area is being connected to the provincial power transmission grid and road services are being upgraded. Airstrips are located near Kemess and at Sturdee, 25 km north of Finlay River.


ARCTIC OCEAN
CHUKCHEE SEA
BEAUFORT SEA
ALASKA
QUEEN ELIZABETH ISLANDS
Eureka
Isachsen
Mould Bay
Resolute
BANKS ISLAND
VICTORIA ISLAND
Akiavik
Fairbanks
Cambridge Bay
Spence Bay
Coppermine
YUKON TERRITORY
Norman Wells
NORTHWEST TERRITORIES
WHITEHORSE
Baker Lake
Yellowknife
GULF OF ALASKA
Fort Smith
Churchill
BRITISH COLUMBIA
Prince Rupert
Fort St. John
ALBERTA
MANITOBA
SASKATCHEWAN
Flin Flon
EDMONTON
CALGARY
VANCOUVER
VICTORIA
REGINA
WINNIPEG
Olympia
Salem
PACIFIC
STEALTH MINING CORPORATION
PINE PROJECT
BRITISH COLUMBIA
Location Map
BY: E. OSTENSOE, P.GEO.
FIGURE : 1
DATE : DECEMBER, 1997



STEALTH MINING CORPORATION

PINE PROJECT

BRITISH COLUMBIA

CLAIM LOCATIONS

E. OSTENSOE, P. GEO.

FIGURE 2. DATE: DECEMBER, 1997

1.3 CLAIMS

Claim details are presented in Table 1. Expiry dates assume that credits are granted per Statement of Work filed November 19, 1997.

Black 1 Group

Name	Tenure No.	No. of Units	Expiry Date
Black 1	352922	18	99-11-22
Black 2	352923	18	99-11-22
Black 3	352924	18	99-11-23
Black 4	352925	15	99-11-23
Black 5	352928	1	99-11-22
Black 6	352929	1	99-11-23
Black 7	352930	1	99-11-23
Black 8	352931	1	99-11-23
Black 9	352932	1	99-11-23
Black 10	352933	1	99-11-23

Black 11 Group

Black 11	352926	12	99-11-22
Black 12	352927	8	99-11-22

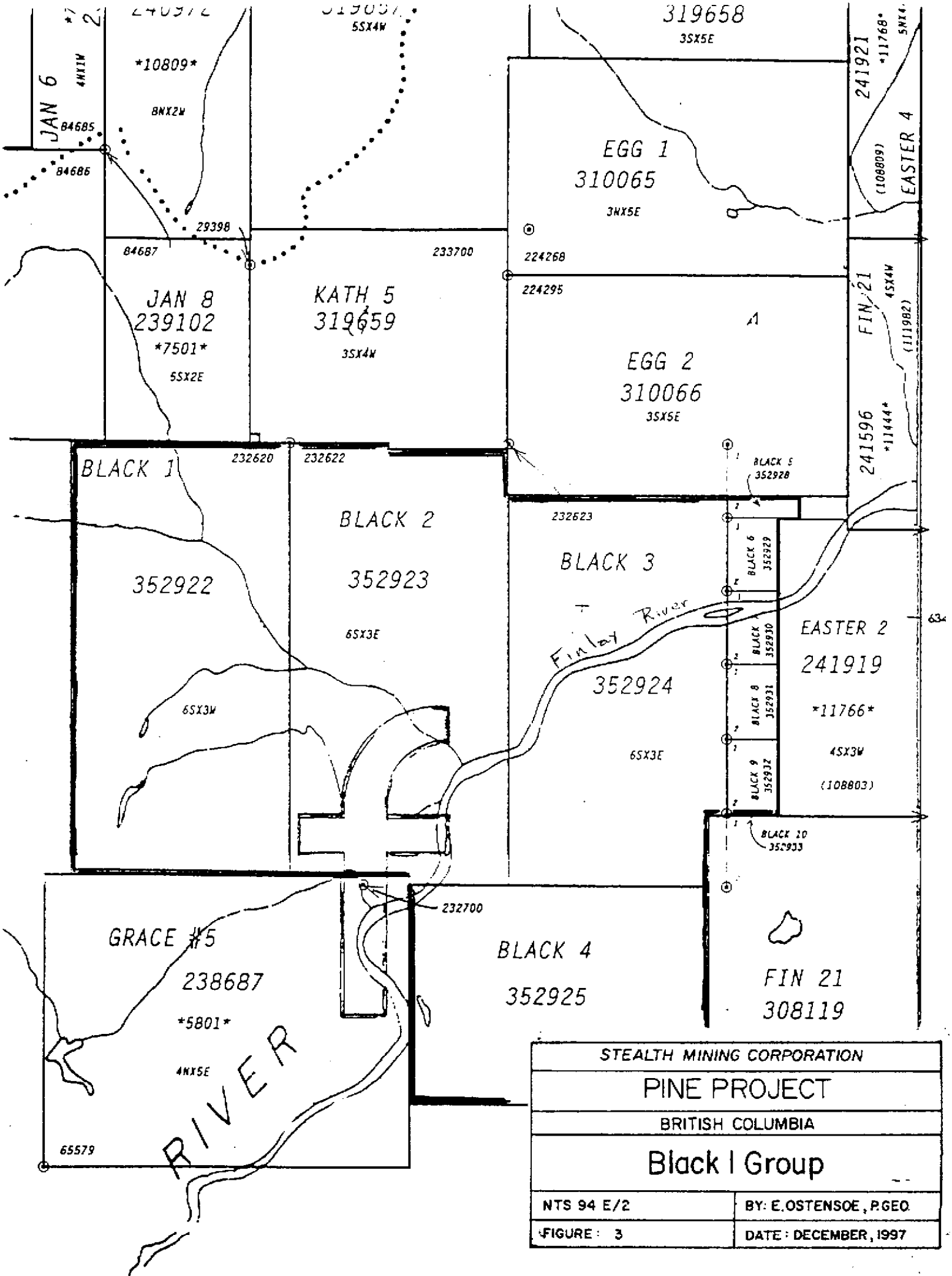
TABLE 1. Claim Status.

1.4 PHYSICAL SETTING

The Pine property is located in an area of moderately rugged terrain. Extensive deposits of glacio-fluvial gravels are found close to the Finlay River; similar materials and other remnant glacial debris form benches at higher elevations. Mixed deciduous and coniferous forests are present to elevation 1500 metres and higher areas are typically alpine with scrub "tanglefoot" balsam, and stunted willow and birch. .

The Toodoggone area was extensively modified by Pleistocene glaciation, both alpine and continental; ice movement was dominantly northeasterly. The Finlay River is the principal member of a major drainage system that flows from the Cassiar plateau easterly through the Swannell Ranges of the Omineca Mountains to the Rocky Mountain Trench and the Peace River system.

The Finlay River area experiences long cold winters, cool summers and moderate precipitation of about 70 cm annually.



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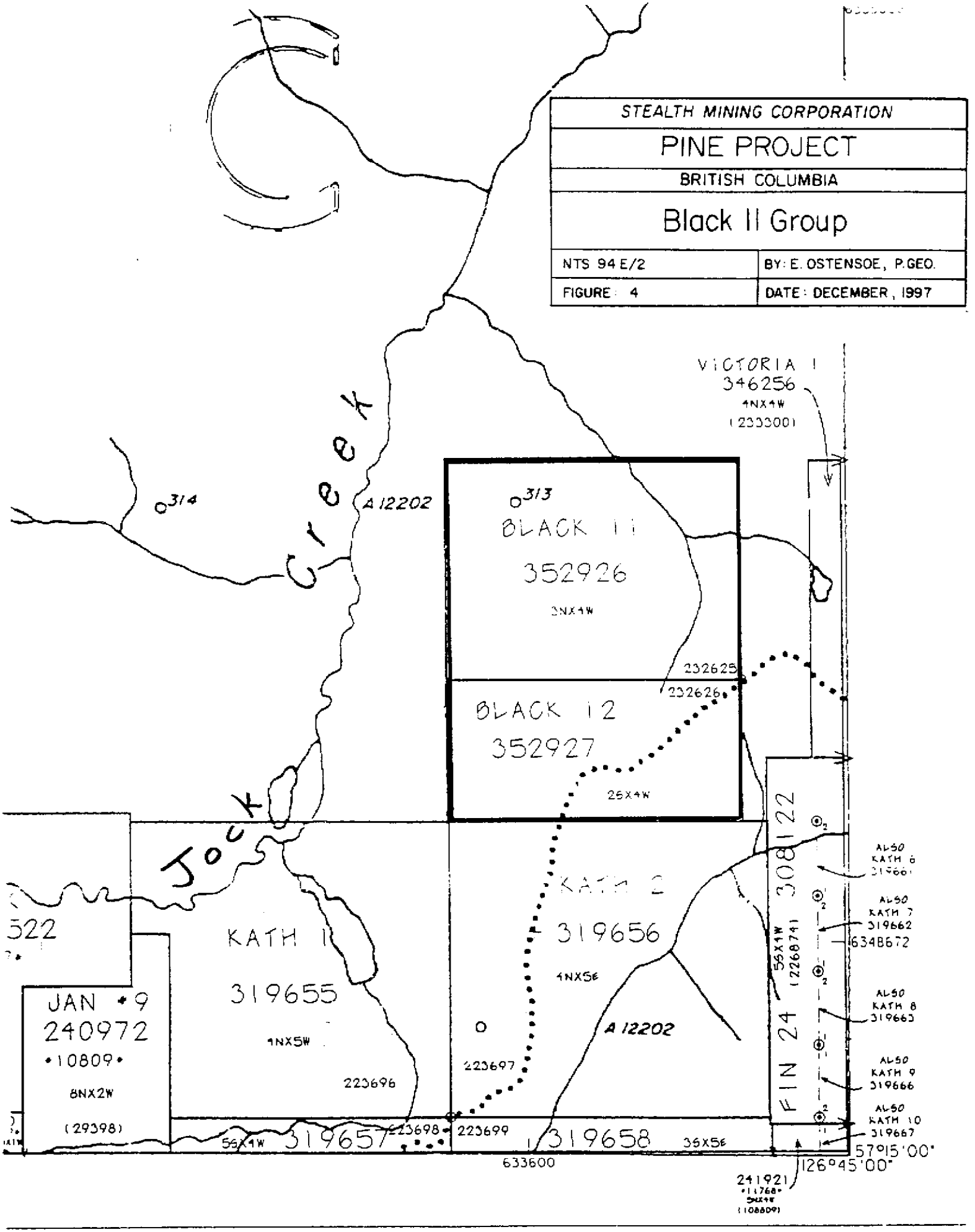
PINE PROJECT

BRITISH COLUMBIA

Black I Group

NTS 94 E/2	BY: E.OSTENSOE, P.GEO.
FIGURE: 3	DATE: DECEMBER, 1997


STEALTH MINING CORPORATION
PINE PROJECT
BRITISH COLUMBIA
Black II Group
NTS 94 E/2
BY: E. OSTENSOE, P.GEO.
FIGURE: 4
DATE: DECEMBER, 1997
VICTORIA 1
346256
4NX4W
(233300)
Creek
A 12202
O314
O313
BLACK 11
352926
3NX4W
232625
232626
BLACK 12
352927
2SX4W
Jock
KATH 2
319656
4NX5E
KATH 1
319655
4NX5W
JAN 9
240972
10809
8NX2W
(29398)
522
FIN 24
308122
56X1W
(226874)
ALSO KATH 6 319661
ALSO KATH 7 319662
634B672
ALSO KATH 8 319663
ALSO KATH 9 319666
ALSO KATH 10 319667
223696
223697
223698
223699
319657
319658
56X4W
3SX5E
633600
57°15'00"
126°45'00"
241921
11768
5NX4E
(108809)

1.5 PREVIOUS WORK

The Toodoggone mining area has experienced several episodes of mineral exploration with the greater part of efforts being directed to the numerous epithermal precious metals deposits that occur northwest of the Finlay River. Porphyry exploration in the 1970s identified several areas with copper, gold and molybdenum potential, of which the Kemess South and Kemess North gold-copper deposits have been advanced to the near-production stage and several others continue to be investigated.

The Pine property was located in 1968 by prospectors and geochemists employed by Kennco Exploration (Western) Ltd. Technical surveys and drilling programs were pursued by that company until the mid-1970s and continued by Rio Tinto Canadian Exploration Ltd. (1978 - 1980), and Brinco. The present principal owner, Electrum Resources Ltd., acquired ownership in 1988 and optioned the property to Cominco (1990 - 1991), and Romulus Resources Ltd. (1992 - 1994). Stealth Mining Corporation during 1996 negotiated an option to purchase the Pine property and commenced an ambitious drilling campaign in August, 1997.

Work before the start of Stealth's option revealed the presence of the three principal mineral areas: Pine, Tree and Fin zones. Diamond drilling by the previous operators totalled 3864 metres; percussion drilling, 1460 metres. Romulus calculated at the Pine prospect, a geological reserve of 40 M tonnes grading 0.57 g/tonne gold and 0.15% copper, with potential for additional reserves within a broad induced polarization anomaly (reference 1: Rebagliati, C.M., Bowen, B. K. and Copeland, D.J., The Pine Property gold-copper and copper-molybdenum porphyry prospects, Kemess-Toodoggone district, northern British Columbia in CIM Special Vol. 46, 1995). The Tree and Fin zones had received limited attention and several other geophysical, geological and geochemical anomalous areas had been investigated only superficially.

2.0 GEOLOGY OF THE PINE PROPERTY

The Pine Property is located in an area of

> "...mafic flows and breccias of the Upper Triassic Takla Group, and pyroclastic volcanic and epiclastic sedimentary rocks of the Lower to Middle Jurassic Hazelton Group (Toodoggone Formation). Lower to Middle Jurassic Omineca Intrusions (Black Lake Intrusive Suite) cut older strata in the central and eastern parts of the region. To the west, these older rocks are unconformably overlain by subaerial sedimentary rocks of the Lower to Upper Cretaceous Sustut Group.
>
> "Deep-seated, northwesterly trending fault zones have controlled Lower to Middle Jurassic comagmatic intrusive, volcanic and hydrothermal events. Northeasterly trending faults comprise a subordinate fault system which is often an important control to mineralization in the district" (reference 1, op.cit.).

The Pine zone has been explored by drilling and is exposed in small outcrops and road cuts. Chalcopyrite, bornite, hematite, magnetite and pyrite occur as "disseminations, fracture fillings and within quartz veins" (reference 1, op.cit.) with carbonate, silica and feldspar alteration in and adjacent to quartz monzonite. Tree zone mineralization is similar but has weaker feldspathization. Gypsum and anhydrite are present throughout the mineralized area.

> "The Pine and Tree prospects are enclosed by a large area of sericite-quartz-pyrite phyllic alteration which laterally grades outward into a propylitic assemblage characterized by the ubiquitous presence of epidote and lesser chlorite" (reference 1, op.cit.).

The Fin prospect features porphyry-style copper-molybdenum mineralization in altered hornblende granodiorite. A mineral zone has been partially outlined: dimensions of 200 m by 300 m are open to extensions.

A prominent gossaned area is present in alpine terrain in parts of Black 11 and Black 12 claims. Although it has undoubtedly been prospected repeatedly, no information is included in the property data package.

Much of the Pine Property has been explored by means of magnetometer and induced polarization survey techniques. These geophysical methods provide guides to alteration, magnetic features and sulphide distribution but fail to reliably define the gold-copper zones.

Geochemical surveys have been widely, and with varying degrees of success, applied throughout the property and, in fact, were in part responsible for both the initial discovery and for drawing early attention to the area of present drilling, the Pine Zone. Interpretation is made difficult by varying depths of glacio-fluvial deposits, by leaching of sulphide zones, and by distortion of metal value patterns in soils by glacial movement.

3.0 GEOCHEMICAL SURVEY OF BLACK 1 - 12 CLAIMS

3.1 Survey Details

A program of geochemical sampling and geological reconnaissance was undertaken by Stealth Mining Corporation during September, 1997 in order to gather data for use in planning technical work to be undertaken in 1998 on the Black 1 - 12 claims. Work was completed by a three person field crew, in part with helicopter support. Stealth's camp facilities and vehicles were also employed.

The program of work was designed and executed by geologists Erik Ostensoe, P. Geo. and Adrian Smallwood with field assistance of Tyler Fairbank, technician. Helicopter services were provided by Canadian Helicopters Ltd. that operated a Hughes 500D craft from a seasonal base in the nearby Toodoggone mining camp.

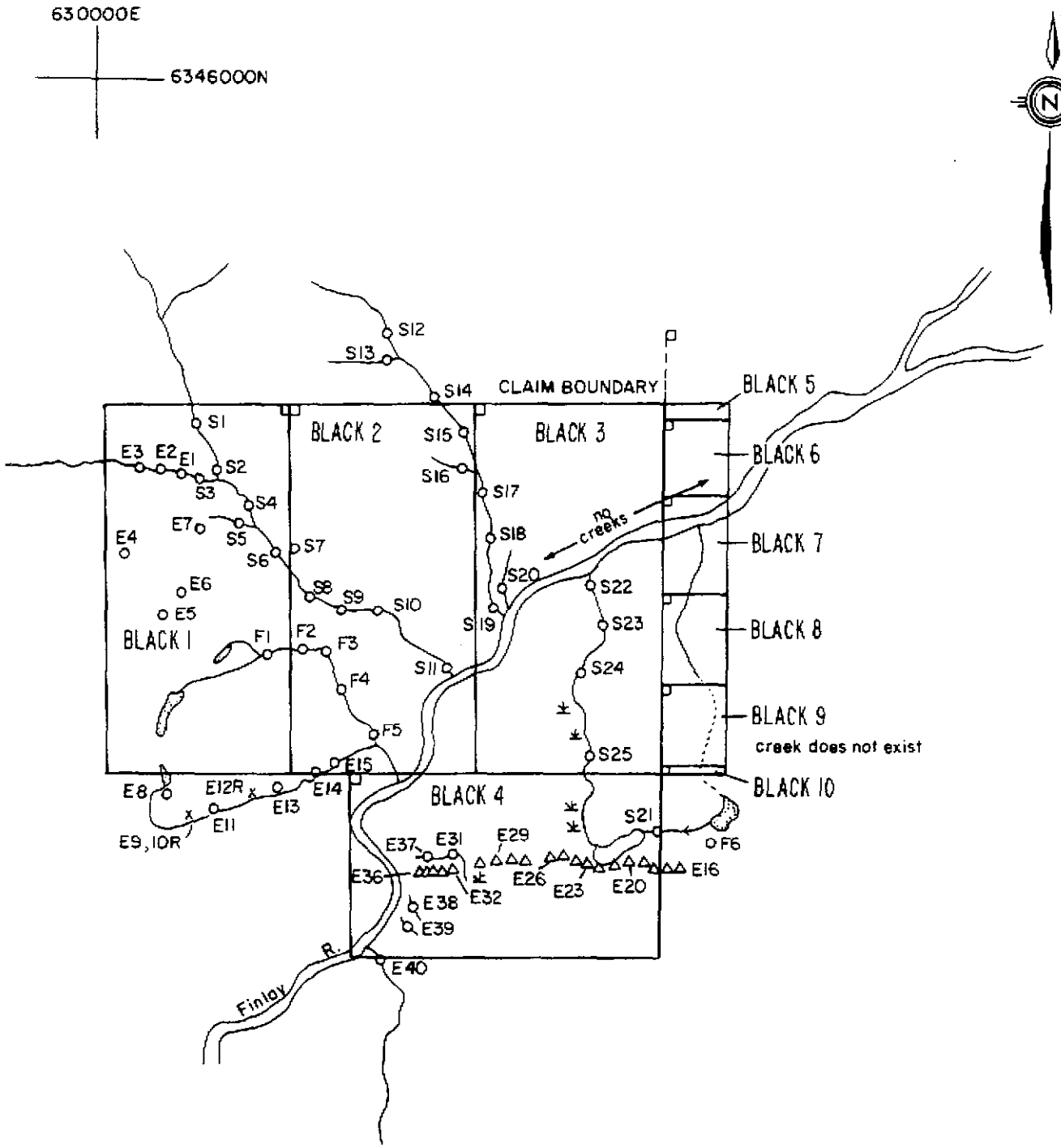
Several traverses followed principal streams that cross the Black claims so that stream sediment samples could be taken and maximum advantage could be obtained from outcrops exposed in and near the streams. One hundred geochemical samples, of which seventy-seven were silts (stream sediments), 21, soils, and six, rocks, were taken in the field and submitted to Min-En Laboratories Ltd. in Vancouver, B. C. for ICP (induced coupled plasma) analysis for 31 elements and for gold by fire geochemical determination.

Field traverses and sample locations are illustrated in Figures 5 and 6. Samplers recorded in the field brief details of sample locations and character that are included along with assay and geochemical analysis certificates in Appendix 1.

Six traverses were completed on the contiguous Black 1 - 10 claims and three traverses were completed on the Black 11 and 12 claims. Work north of Finlay River required helicopter support whereas south of the river it was possible to drive from the drillers' camp to the Black 4 claim.

Stream sediment samples were taken from active portions of streams; soils were nominally from the dark reddish coloured "B" horizon at depth 10 to 40 cm from surface. Locations were determined by reference to 1: 50,000 scale topographic maps with the aid of altimeters. Samples had volumes of about 200 to 300 ml and were placed in standard kraft envelopes, air dried at camp, and forwarded to Min-En Labs. Ltd. in Vancouver, B. C.

The Black 11 and 12 claims are located in the Samuel Black Range at high elevation from seven to eight kms north of Finlay River. The area is very rugged and many of the samples were taken from lower slopes immediately adjacent to, but outside of, the claim boundaries. It is believed that much if not all of the materials in the samples were derived from the claims and that it reasonable to utilize data from these samples as a guide to the geochemistry of the claims.



o	SILT SAMPLE
Δ	SOIL SAMPLE
x	ROCK SAMPLE

Sample Prefix 97P

SCALE: 1:50,000

0 1 2

Kilometers

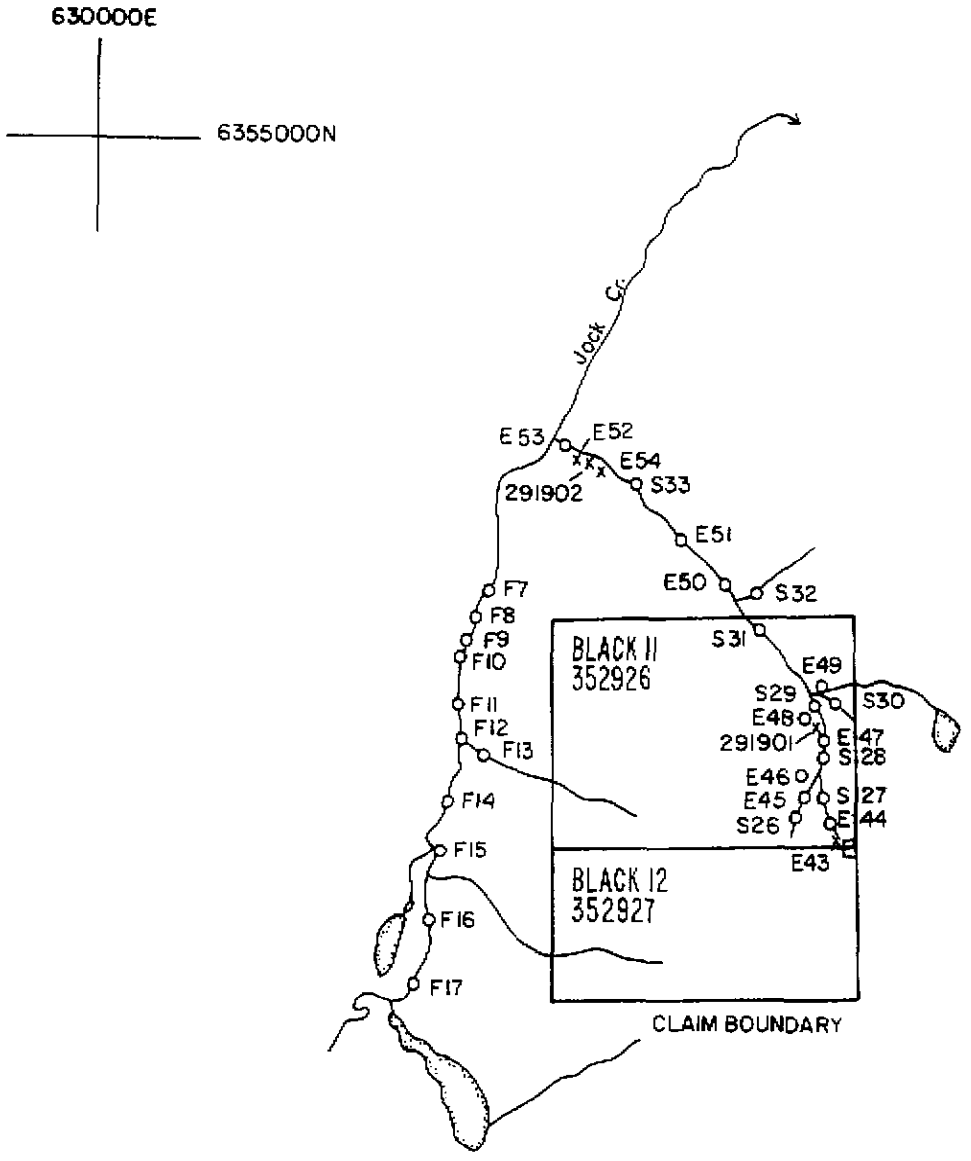
STEALTH MINING CORPORATION

PINE PROJECT

BRITISH COLUMBIA

Geochemical Samples Black I Group

NTS 94 E/2	BY: E. OSTENSOE, P.GEO.
FIGURE: 5	DATE: DECEMBER, 1997



SILT SAMPLE
SOIL SAMPLE
x ROCK SAMPLE
Sample Prefix 97P

SCALE: 1:50,000

0 1 2
Kilometers

STEALTH MINING CORPORATION	
PINE PROJECT	
BRITISH COLUMBIA	
Geochemical Samples Black 11 Group	
NTS 94 E/7	BY: E. OSTENSOE, P.GEO.
FIGURE: 6	DATE: DECEMBER, 1997

3.2 Sampling

Black 1 Group comprises Black 1 - 10 claims and occupies forested, moderately steep, slopes both north and south of Finlay River (Figure 5). Drainage conditions north of the river vary from well developed with fast flowing streams, to boggy with seepages and areas of peat and stagnant water, but south of the river muskeg bogs are dominant. Seventy-one geochemical samples were obtained. Sample traverses followed streams except south of the river where one east-west oriented soil sampling traverse was established.

Black 11 Group (Black 11 and Black 12 claims) covers an area dominated by high mountain peaks and steep slopes and only one accessible drainage, a fast running tributary of northerly flowing Jock Creek (Figure 6). Thirty-three geochemical samples were obtained. Stream sediment samples were taken from the length of the tributary with greatest sample density in the upper portion of the stream. Samples were collected from the east side of Jock Creek immediately west of the claims from materials that are believed to be representative of the west slope of the mountain peaks. Four rock chip samples were collected from outcroppings located adjacent to the tributary stream.

3.3 Sample Preparation and Analyses

Samples were air dried at the Stealth drill camp and then forwarded to Min-En, a recognized commercial laboratory, where they were further dried and, as appropriate, either screened to minus 80 mesh or crushed.

Stream sediment and soil samples were analysed for gold by fire geochem with atomic absorption finish (detection limit 1 ppb) plus 31 elements by aqua regia digestion and ICP (induced coupled plasma) techniques. Thirty gram portions of rock chip samples were analysed for gold by fire geochem/AA plus 12 major metals by aqua regia digestion/ICP.

Field notes and analyses are included as Appendix I of this report.

3.4 Discussion of Analyses

Mean values, standard deviations and threshold values are presented in Tables 2 and 3 for selected elements. (Threshold is calculated as "mean plus two standard deviations"). Data are partitioned between the two claim groups and, for Black 1 Group samples, between stream sediment samples and a small number of soil samples. Information concerning soil pH conditions, which would be helpful in interpreting the data, is lacking.

	- silts				-soils		
metal	no.	mean	std dev'n	threshold	no.	mean	std dev'n	threshold
gold (ppb)	56	9.7	24.8	59.3	14	20.3	52.6	125
iron (%)	56	3.36	0.96	5.3	14	3.8	1.8	7.4
silver(ppm)	56	0.4	0.56	1.5	14	0.47	0.55	1.6
copper(ppm)	56	35.55	16.1	68	14	36.6	17.7	72
zinc (ppm)	56	92.6	49.4	191.4	14	76.7	21.4	119.5

Table 2. Statistics - (partial) - Black 1 Group

	-silts			
metal	no.	mean	st'd dev'n	threshold
gold (ppb)	31	29	30	89
iron (%)	31	4.7	2.8	10.3
silver (ppm)	31	0.1		
copper (ppm)	31	64	36	136
zinc (ppm)	31	573	380	1333

Table 3. Statistics - (partial) - Black 11 Group

Gold is present in Black 1 and Black 11 areas in low to moderate quantities: two stream sediment samples, S009 (101 ppb) and S023 (158 ppb), and one soil, E029 (202 ppb), are anomalous. Silver is present in trivial amounts. Copper values are generally low, with small standard deviation, perhaps reflecting advanced leaching from the near-surface environment. Zinc values exhibit wide variations, generally at much lower levels in the Black 1 group area but significantly higher in Black 11 group where traces of sphalerite mineralization were noted in outcrops.

Rock samples from Black 1 group (E010R and E012R) returned background level metal values. Samples 291901 and 291902, from Black 11 group, contained visible sulphide mineralization and returned elevated copper, manganese, phosphorus, and zinc contents.

4.0 CONCLUSIONS

The 1997 program of stream sediment and soil sampling is a small addition to the geochemical data base for the Pine property. Data have not yet been reviewed by a geochemist familiar with that data.

Gold in stream sediments values are low with a small number of apparently anomalous sites. Soil values are similarly low, with one outstanding exception (sample E029). Silver analyses indicate that that element is present in trace amounts. Iron content is rather uniform in the lower elevation areas but, not surprisingly, is elevated and more erratic in the Black 11 group area in proximity to a broadly gossaned terrain. More work is required to determine if zinc geochemistry can be used as a guide to porphyry-style mineralization. Similarly, the recent data should be reviewed in concert with previously acquired geochemical data from known mineral zones, particularly the Pine and Tree areas of drilling.

5.0 RECOMMENDATIONS

The entire Pine property geochemical data base should be reviewed by a professional geochemist with the objective of determining chemical guides to mineral zones. These guides should be used in designing a comprehensive program of exploration in those parts of the property that are remote from the partially explored mineral zones.

The high elevation gossaned area on Black 11 and 12 claims should be prospected, geologically mapped, and geochemically sampled.

APPENDIX 1.

Field Notes and Analytical Data Sheets

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Geochemical Analysis Certificate

7V-0719-LG1

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Geochemical Analysis of 24 STREAM SED samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire PPB
97P-E001	3
97P-E002	5
97P-E003	3
97P-E004	2
97P-E005	4
97P-E006	16
97P-E007	6
97P-E008	1
97P-E009	1
97P-E011	2
97P-E013	1
97P-E014	3
97P-E015	1
97P-E016	15
97P-E017	2
97P-E018	6
97P-E019	5
97P-E020	3
97P-E021	3
97P-E022	7
97P-E023	3
97P-E024	5
97P-E025	20
97P-E026	2

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Geochemical Analysis Certificate

7V-0719-LG2

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Geochemical Analysis of 24 STREAM SED samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire PPB
97P-E027	12
97P-E028	4
97P-E029	202
97P-E030	10
97P-E031	9
97P-E032	4
97P-E033	4
97P-E034	2
97P-E035	3
97P-E036	6
97P-E037	3
97P-E038	2
97P-E039	3
97P-E040	2
97P-E041	6
97P-E042	34
97P-E043	36
97P-E044	18
97P-E045	10
97P-E046	9
97P-E047	9
97P-E048	6
97P-E049	13
97P-E050	6

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TELEPHONE (604) 847-5004
FAX (604) 847-5005

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Geochemical Analysis Certificate

7V-0719-LG3

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Geochemical Analysis of 24 STREAM SED samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire PPB
97P-E051	17
97P-E053	7
97P-F001	13
97P-F002	18
97P-F003	6
97P-F004	11
97P-F005	17
97P-F006	3
97P-F007	11
97P-F008	11
97P-F009	7
97P-F010	13
97P-F011	22
97P-F012	87
97P-F013	8
97P-F014	9
97P-F015	10
97P-F016	16
97P-F017	24
97P-S001	2
97P-S002	5
97P-S003	1
97P-S004	1
97P-S005	2

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FAX (604) 847-3005

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

7V-0719-LG4

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Geochemical Analysis of 24 STREAM SED samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire PPB
97P-S006	6
97P-S007	4
97P-S008	4
97P-S009	101
97P-S010	1
97P-S011	31
97P-S012	2
97P-S013	2
97P-S014	1
97P-S015	1
97P-S016	3
97P-S017	2
97P-S018	1
97P-S019	3
97P-S020	1
97P-S021	14
97P-S022	10
97P-S023	158
97P-S024	3
97P-S025	8
97P-S026	7
97P-S027	15
97P-S028	11
97P-S029	6

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FAX (604) 847-3005

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

7V-0719-LG5

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Geochemical Analysis of 4 STREAM SED samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire PPB
97P-S030	5
97P-S031	8
97P-S032	10
97P-S033	6

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0719-LJ1+c
DATE: 97/10/01
* * (ACT:F31)

COMP: STEALTH MINING CORP.
PROJ: PINE #119
ATTN: Brian Fairbank

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM
97P-E001	.5	1.47	1	42	.1	2	.79	.1	14	32	59	3.82	1	.03	9	1.03	601	1	.01	10	790	24	6	1	72	1	.11	1	85.1	1	69
97P-E002	1.0	1.74	1	52	.1	4	1.15	.1	14	22	55	3.00	1	.04	11	1.04	610	1	.01	10	700	34	8	1	90	1	.11	1	62.2	1	69
97P-E003	.9	1.95	1	56	.1	4	1.15	.1	14	24	59	3.08	1	.05	10	1.07	637	1	.02	9	740	36	10	1	110	1	.11	1	63.2	1	73
97P-E004	.5	2.26	1	85	.1	8	.17	.5	11	32	25	4.52	1	.03	17	.56	244	2	.01	14	880	28	18	1	28	1	.10	1	91.9	3	66
97P-E005	.9	1.91	1	155	.1	4	.78	.1	11	26	43	2.69	1	.05	14	.69	468	2	.01	18	760	38	13	1	58	1	.07	1	55.4	1	91
97P-E006	.4	2.14	1	172	.1	3	.83	.6	15	24	47	5.80	1	.05	16	.75	1561	3	.01	18	960	31	19	1	60	1	.07	1	116.9	2	113
97P-E007	.8	1.67	1	125	.1	3	.67	1.1	12	12	37	3.27	1	.04	13	.58	909	3	.01	14	710	39	14	1	45	1	.05	1	57.3	1	124
97P-E008	.4	1.38	1	80	.1	3	.57	.8	9	14	38	3.23	1	.03	11	.50	476	4	.01	12	330	23	12	1	26	1	.04	1	74.3	2	109
97P-E009	.8	1.28	1	93	.1	4	.70	.4	8	7	26	2.52	1	.04	10	.57	502	6	.01	7	680	23	11	1	63	1	.06	1	48.6	1	66
97P-E011	.5	.98	1	104	.1	5	.65	.1	9	15	21	2.83	1	.04	9	.46	550	2	.02	12	700	17	10	1	43	1	.06	1	67.5	2	48
97P-E013	.8	1.31	1	94	.1	5	.70	.4	9	4	26	2.61	1	.04	12	.58	981	7	.01	8	680	27	12	1	70	1	.05	2	49.2	1	68
97P-E014	1.0	1.30	1	93	.1	8	.77	1.0	10	2	26	2.84	1	.05	12	.58	1202	5	.01	7	750	29	12	1	80	6	.07	2	53.2	1	67
97P-E015	1.1	1.19	1	78	.1	7	.62	.1	9	7	27	2.45	1	.04	12	.56	528	3	.01	10	600	26	11	1	54	1	.06	2	53.2	1	66
97P-E016	.6	1.96	1	111	.1	9	.21	1.2	11	5	16	5.11	1	.05	26	.47	459	3	.02	6	760	34	20	1	18	1	.09	2	81.3	2	167
97P-E017	1.1	1.39	1	77	.1	10	.30	.8	11	8	16	4.17	1	.04	17	.57	726	2	.02	8	830	30	14	1	23	1	.09	2	88.5	2	90
97P-E018	.8	1.94	1	75	.1	13	.15	1.0	10	9	20	5.41	1	.04	16	.33	301	5	.02	6	710	29	23	1	14	1	.11	2	88.7	2	105
97P-E019	1.3	1.92	1	85	.1	14	.16	.7	10	9	14	3.55	1	.03	13	.34	281	2	.02	5	430	36	21	1	18	4	.11	2	86.6	2	62
97P-E020	1.1	1.16	1	74	.1	8	.35	.8	7	10	9	2.45	3	.03	11	.27	203	3	.02	3	120	24	15	1	19	3	.06	2	72.1	2	74
97P-E021	.8	1.16	1	65	.1	9	.13	1.0	8	9	20	3.51	2	.03	11	.35	389	3	.02	4	500	24	14	1	17	1	.07	2	86.4	2	81
97P-E022	1.1	1.98	1	84	.1	9	.24	.6	11	12	24	4.51	1	.04	20	.59	315	3	.02	9	410	35	18	1	37	1	.08	2	94.4	2	85
97P-E023	.9	1.54	1	70	.1	5	.29	.9	10	11	26	2.84	1	.03	12	.56	359	2	.01	10	460	46	14	1	34	1	.05	2	57.6	1	83
97P-E024	1.1	1.36	1	62	.1	10	.24	1.2	10	9	16	3.45	1	.03	13	.46	418	3	.02	5	290	24	16	1	26	1	.08	2	84.6	2	67
97P-E025	1.1	1.61	1	79	.1	13	.19	1.5	10	11	18	4.70	1	.04	18	.45	305	3	.01	5	350	23	19	1	22	1	.11	2	109.8	2	112
97P-E026	1.0	1.48	1	95	.1	13	.17	1.4	10	13	24	4.02	1	.03	20	.36	222	3	.02	6	170	23	17	1	17	1	.11	2	105.0	3	104
97P-E027	.1	2.80	1	70	.1	9	.15	.8	10	10	28	4.20	1	.03	9	.35	475	3	.01	6	430	42	27	1	19	1	.11	1	91.4	2	58
97P-E028	.1	1.23	1	94	.1	3	.54	1.2	10	7	21	3.39	1	.02	7	.41	1000	2	.01	7	300	19	10	1	34	1	.06	1	87.6	1	64
97P-E029	.1	1.25	1	71	.1	6	.24	.7	11	16	20	5.50	1	.02	10	.40	279	2	.01	7	210	8	13	1	18	1	.09	1	154.1	3	53
97P-E030	.3	1.18	1	94	.1	2	.54	.1	8	13	20	2.66	1	.04	12	.54	316	1	.02	8	160	26	9	1	42	1	.06	1	74.6	1	38
97P-E031	.1	1.05	1	94	.1	1	.54	.2	9	12	29	3.12	1	.03	8	.55	1141	1	.01	19	430	33	7	1	32	1	.05	1	47.6	1	66
97P-E032	.1	2.06	1	205	.1	1	.24	.3	9	22	28	2.66	1	.04	11	.56	252	1	.01	19	420	36	14	1	39	1	.06	1	52.3	1	53
97P-E033	.1	1.82	1	100	.1	1	.15	1.0	9	21	16	3.52	1	.04	15	.57	297	1	.01	16	980	29	13	1	20	1	.06	1	66.0	1	79
97P-E034	.1	1.83	1	122	.1	2	.11	.1	9	18	16	2.94	1	.03	12	.52	278	2	.01	16	550	38	14	1	17	1	.05	1	58.5	1	60
97P-E035	.1	1.26	1	126	.1	1	.34	1.0	10	12	21	2.89	1	.05	11	.56	516	1	.01	12	430	23	7	1	34	1	.06	1	65.3	1	69
97P-E036	.1	3.53	1	116	.1	1	2.16	4.8	9	1	13	3.07	1	.12	15	.80	1274	2	.02	1	440	70	26	1	125	1	.06	1	66.0	1	215
97P-E037	.1	1.44	1	96	.1	1	.71	.1	9	4	24	3.11	1	.03	12	.73	1031	1	.01	9	420	30	7	1	45	1	.06	1	60.0	1	70
97P-E038	.1	1.03	1	75	.1	1	.72	.1	5	13	21	1.50	1	.03	6	.56	370	1	.01	11	600	34	3	1	47	1	.04	1	34.6	1	90
97P-E039	.1	.98	1	103	.1	1	.61	.6	6	19	42	1.71	1	.03	8	.43	316	1	.01	17	450	20	5	1	49	1	.03	1	32.4	1	69
97P-E040	.1	1.25	1	131	.1	1	.49	.4	7	29	34	1.97	1	.04	11	.60	236	1	.01	30	490	28	7	1	41	1	.02	1	33.5	1	58
97P-E041	.1	1.54	1	87	.1	2	1.05	.3	9	3	16	3.09	1	.05	10	.65	602	1	.01	3	1020	29	10	1	78	1	.07	1	64.2	1	64
97P-E042	.1	1.40	1	103	.1	1	.52	.4	13	4	36	2.51	1	.04	16	.72	677	1	.01	7	620	39	7	1	38	1	.03	1	46.5	1	278
97P-E043	.1	.37	38	143	.1	2	.01	.1	3	1	10	3.76	1	.08	1	.05	51	12	.01	1	570	58	9	1	41	1	.01	1	20.6	1	12
97P-E044	.1	3.87	1	166	.1	7	.03	4.4	9	1	41	1.58	7	.03	1	.12	1949	6	.01	3	430	87	37	1	42	1	.01	1	14.2	2	451
97P-E045	.1	2.14	1	101	.1	1	.16	1.8	24	1	23	6.42	1	.05	7	.59	2568	5	.01	1	1370	48	21	1	21	1	.01	1	27.2	1	310
97P-E046	.1	4.89	1	102	1.5	8	.21	3.3	35	1	79	3.44	1	.05	9	.52	2380	10	.01	5	1100	106	42	1	32	1	.06	1	22.2	1	337
97P-E047	.1	2.79	1	126	.1	3	.21	6.5	36	1	58	9.84	1	.05	5	.55	3940	9	.01	2	1050	103	29	1	34	1	.03	1	27.0	2	1033
97P-E048	.1	1.67	1	118	.1	3	.21	.2	8	1	45	3.34	1	.03	6	.52	856	4	.01	1	540	86	13	1	45	1	.05	1	29.6	1	171
97P-E049	.1	1.71	1	107	.1	1	.40	6.6	20	1	109	4.28	1	.06	11	1.07	2353	8	.01	1	1040	109	9	1	38	1	.06	1	47.8	1	917
97P-E050	.1	1.69	1	120	.1	4	.35	8.6	26	1	71	4.03	1	.05	9	.74	3261	6	.01	4	950	107	13	1	41	1	.05	1	37.6	3	1022

COMP: STEALTH MINING CORP.
PROJ: PINE #119
ATTN: Brian Fairbank

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0719-LJ3+4+5
DATE: 97/10/01
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM
97P-E051	.1	2.10	1	181	.1	4	.36	15.9	37	1	125	4.64	12	.05	11	.73	5174	9	.01	9	969	97	18	1	42	1	.04	1	35.0	4	1527
97P-E053	.1	1.32	1	132	.1	2	.38	5.2	17	1	51	3.70	1	.05	6	.71	2271	3	.01	3	890	62	6	1	37	1	.05	1	48.9	2	903
97P-F001	.1	1.99	1	148	.1	4	1.02	1.0	24	1	33	6.82	1	.04	10	.74	2509	11	.01	2	1930	29	18	1	59	1	.07	1	43.9	1	92
97P-F002	.1	1.78	1	213	.1	11	.93	7.7	27	1	68	4.00	49	.05	11	.68	8938	8	.01	19	860	120	14	1	75	1	.07	1	39.9	1	283
97P-F003	.1	1.92	1	126	.1	5	1.17	4.1	16	1	60	3.73	11	.07	9	.70	4911	3	.01	9	1030	138	14	1	104	1	.06	1	38.7	1	262
97P-F004	.1	2.36	1	82	.1	1	1.48	.6	11	1	28	3.36	1	.07	11	.89	1561	1	.01	2	1020	52	12	1	126	1	.08	1	65.6	1	117
97P-F005	.1	2.28	1	136	.1	1	1.62	1.4	13	1	60	3.93	1	.07	10	.76	2388	1	.01	5	1380	69	12	1	132	1	.06	1	58.4	1	190
97P-F006	3.8	1.62	1	417	.1	1	.63	.4	16	4	71	4.06	1	.06	15	1.24	2365	1	.03	9	1020	45	6	1	49	1	.09	1	72.7	1	138
97P-F007	.4	1.64	1	96	.1	2	.61	1.3	16	6	57	2.99	1	.04	15	.76	980	5	.01	9	820	56	11	1	65	1	.05	1	48.3	1	420
97P-F008	.1	1.71	1	102	.1	1	.62	2.3	18	4	62	3.31	1	.04	14	.77	1172	5	.01	9	880	57	10	1	65	1	.06	1	56.6	1	437
97P-F009	.1	1.48	1	79	.1	2	.55	.8	16	3	55	3.27	1	.04	13	.77	1088	4	.01	9	790	49	8	1	52	1	.07	1	60.8	1	409
97P-F010	.1	1.75	1	292	.1	2	.72	4.0	16	1	79	4.51	1	.10	9	.80	1575	6	.02	5	1450	66	9	1	110	1	.09	1	56.8	2	669
97P-F011	.1	1.88	1	111	.1	1	.69	1.6	19	6	69	3.92	1	.05	15	.82	1058	4	.01	10	990	56	10	1	73	1	.08	1	69.8	2	436
97P-F012	.1	1.11	1	116	.1	1	.44	.1	10	1	35	4.21	1	.04	9	.60	781	3	.01	5	900	26	7	1	44	1	.07	1	82.3	1	180
97P-F013	.1	1.69	1	88	.1	1	.62	1.2	15	5	58	3.22	1	.04	13	.79	973	4	.01	9	840	53	8	1	65	1	.07	1	57.4	1	412
97P-F014	.1	1.69	1	89	.1	1	.64	1.5	16	6	59	3.49	1	.04	13	.77	1018	5	.01	10	890	53	10	1	69	1	.07	1	64.1	1	377
97P-F015	.1	1.85	1	105	.1	1	.64	1.8	20	2	77	3.46	1	.04	14	.80	1466	5	.01	10	880	61	10	1	67	1	.06	1	56.1	2	514
97P-F016	.1	1.88	1	104	.1	1	.67	1.4	19	5	70	3.75	1	.04	14	.78	1136	5	.01	11	1000	55	10	1	71	1	.06	1	62.7	1	458
97P-F017	.1	1.83	1	102	.1	1	.65	1.2	18	4	69	3.52	1	.04	13	.78	1084	6	.01	8	890	61	11	1	68	1	.06	1	56.8	1	445
97P-S001	.1	1.04	1	100	.1	1	.52	.1	9	6	17	2.42	1	.03	12	.64	563	1	.01	7	600	22	5	1	45	1	.07	1	54.0	1	93
97P-S002	.2	1.42	4	133	.1	6	.81	.3	10	9	29	3.12	1	.05	12	.66	570	1	.01	9	850	26	9	1	67	1	.09	1	77.2	1	110
97P-S003	.5	2.05	1	61	.1	8	1.18	.1	15	30	61	3.55	1	.05	8	1.12	680	1	.01	12	740	35	9	1	114	1	.18	1	82.1	1	75
97P-S004	.9	1.57	1	48	.1	7	.86	.1	14	24	44	3.25	1	.04	9	1.09	606	1	.01	10	720	30	7	1	75	1	.16	1	70.6	1	71
97P-S005	.2	1.63	1	75	.1	7	1.05	.1	12	26	36	3.12	1	.05	8	.89	533	1	.01	10	790	29	7	1	98	1	.15	1	72.2	1	66
97P-S006	.2	1.84	1	92	.1	3	1.05	.1	14	25	56	3.22	1	.05	8	1.00	629	1	.01	11	700	31	6	1	103	1	.14	1	71.6	1	76
97P-S007	.5	1.89	1	81	.1	8	1.14	.1	14	28	51	3.37	1	.05	8	1.02	663	1	.02	11	730	34	8	1	106	1	.18	1	78.7	1	74
97P-S008	.4	1.82	1	68	.1	6	1.05	.1	14	26	51	3.27	1	.05	8	1.04	623	1	.01	10	720	33	7	1	95	1	.17	1	73.9	1	76
97P-S009	.4	1.77	1	73	.1	2	1.03	.1	13	23	53	2.93	1	.04	8	.96	595	1	.02	10	670	32	8	1	98	1	.11	1	62.5	1	69
97P-S010	.8	1.61	1	78	.1	4	.90	.1	13	22	50	3.04	1	.04	8	1.00	589	1	.01	10	680	30	6	1	84	1	.14	1	66.9	1	70
97P-S011	.5	1.76	1	68	.1	3	1.03	.1	13	25	48	3.25	1	.05	9	1.01	631	1	.02	10	740	30	7	1	87	1	.13	1	72.3	1	73
97P-S012	.1	1.42	4	335	.1	9	.80	.1	14	1	24	5.78	1	.08	21	.85	1006	1	.01	3	1180	20	9	1	49	1	.18	1	185.9	2	99
97P-S013	.3	1.40	33	204	.1	3	.79	.1	9	4	21	3.26	1	.06	20	.71	553	1	.01	5	1060	26	9	1	45	1	.10	1	95.2	1	59
97P-S014	.1	1.12	5	198	.1	3	.62	.1	10	3	21	3.71	1	.06	14	.67	619	1	.01	6	890	18	8	1	45	1	.10	1	108.7	1	64
97P-S015	.3	1.20	4	234	.1	1	.61	.1	9	4	21	2.53	1	.06	16	.70	553	1	.01	5	660	26	7	1	45	1	.09	1	69.2	1	58
97P-S016	.1	1.21	52	255	.1	3	.68	.1	11	5	20	3.29	1	.06	12	.61	1022	1	.01	9	740	23	7	1	53	1	.09	1	75.1	1	53
97P-S017	.1	1.23	19	248	.1	3	.67	.1	10	4	19	3.38	1	.06	15	.65	675	1	.01	6	770	20	8	1	47	1	.11	1	94.6	1	58
97P-S018	.1	1.17	1	226	.1	3	.61	.1	9	6	18	2.93	1	.05	15	.65	564	1	.01	6	630	23	8	1	41	1	.10	1	83.0	1	55
97P-S019	.1	1.18	12	234	.1	4	.67	.1	10	7	20	3.44	1	.05	14	.62	551	1	.01	7	790	19	7	1	42	1	.10	1	97.6	1	57
97P-S020	.1	1.15	11	189	.1	2	.73	.1	9	13	40	3.32	1	.05	12	.58	472	1	.01	12	730	20	8	1	45	1	.08	1	91.7	1	59
97P-S021	.1	1.34	1	123	.1	1	.65	.6	10	6	41	3.26	1	.03	11	.56	1234	2	.01	11	780	29	9	1	38	1	.06	1	59.7	1	126
97P-S022	.1	1.66	1	200	.1	1	1.18	.9	10	3	51	4.34	1	.04	11	.54	1191	2	.01	9	1040	27	11	1	62	1	.04	1	60.8	1	117
97P-S023	.1	1.68	1	243	.1	1	.91	.4	11	1	28	3.98	1	.08	15	.80	3266	1	.01	8	770	38	7	1	48	1	.03	1	56.4	1	105
97P-S024	.1	.98	1	143	.1	1	.41	.1	7	5	16	2.07	1	.02	7	.46	1158	1	.01	11	480	19	5	1	36	1	.05	1	32.6	1	76
97P-S025	.1	2.04	1	208	.1	1	1.01	2.5	12	4	60	4.69	1	.03	9	.47	1741	3	.01	12	950	36	14	1	53	1	.04	1	67.8	1	149
97P-S026	.1	1.53	1	121	.1	1	.16	.4	16	1	19	4.97	1	.07	7	.60	1670	4	.01	1	1380	42	11	1	24	1	.02	1	28.3	1	228
97P-S027	.1	2.27	11	63	.1	1	.05	.1	15	1	41	>15.00	1	.03	1	.11	205	4	.01	1	1100	1	31	1	12	1	.02	1	15.5	1	160
97P-S028	.1	3.51	1	176	.1	1	.26	4.6	31	1	50	11.56	1	.06	4	.50	3228	9	.01	1	1260	116	36	1	40	1	.04	1	32.1	2	1074
97P-S029	.1	2.64	1	167	.1	1	.28	5.8	32	1	67	7.38	1	.06	5	.57	3583	8	.01	3	1080	98	25	1	48	1	.05	1	28.4	2	958
97P-S030	.1	1.99	1	174	.1	1	.50	2.8	10	1	98	3.47	1	.05	10	.96	1702	5	.01	1	890	76	7	1	44	1	.07	1	46.2	1	628
97P-S031	.1	1.73	1	133	.1	1	.32	10.7	34	1	195	4.13	5	.05	7	.78	4303	6	.01	5	810	86	11	1	47	1	.05	1	34.0	3	1171
97P-S032	.1	1.46	1	222	.1	1	1.03	4.0	10	1	54	3.70	1	.06	9	.76	1351	5	.01	1	1190	77	6	1	60	1	.04	1	41.3	1	556
97P-S033	1.1	1.91	1	257	.1	2	.38	11.3	34	1	106	5.05	5	.07	10	.79	4565	8	.01	7	940	112	14	1	48	1	.06	1	49.1	3	1215

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7V-0719-RA1

Company: **STEALTH MINING CORP.**
Project: PINE #119
Attn: Brian Fairbank

Date: OCT-01-97

We hereby certify the following Assay of 6 ROCK samples submitted SEP-26-97 by Brian Fairbank.

Sample Number	Au-fire g/tonne
97P-E010R	.01
97P-E012R	.02
97P-E052	.02
97P-E054	.07
291901	.02
291902	.01

Certified by _____

MIN-EN LABORATORIES

COMP: STEALTH MINING CORP.
PROJ: PINE #119
ATTN: Brian Fairbank

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0719-RJ1
DATE: 97/10/01
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	CA %	CU PPM	FE %	K %	MN PPM	MO PPM	NA %	P PPM	PB PPM	ZN PPM
97P-E010R	.7	.33	.21	10	.86	.09	175	3	.01	360	13	34
97P-E012R	.8	.39	.05	12	3.18	.13	198	7	.01	380	18	145
97P-E052	2.1	.31	.27	12	2.60	.11	127	17	.01	200	133	14
97P-E054	2.4	.18	.08	21	2.02	.16	47	139	.01	360	107	35
291901	1.2	.27	.26	599	7.50	.11	325	25	.02	880	147	>10000
291902	1.7	1.72	.87	1513	2.76	.10	1793	3	.01	780	48	443

PINE PROJECT NOTES

BLACK 1 - 12 CLAIMS

A. SMALLWOOD

SEPT, 1997

Pine Projett — Sept 19/97
Black 1-10 Cl — A. Smallwood
Eastern Ck

97PS012 - sand/silt/gvl Alt 1400m
med brown, 0.5-1.0m, mod (main ck)

97PS013 - ck from West 1360m
sand/silt/gvl, med brown, 0.5m, mod/steep
1305m - % E side of ck 8m -
feld porph volc, minor calcite + 1
veinlets (1-3mm)
% a/a - 20m downstream (5m long)

97PS014 - main ck 1285m
sand/silt, med. brown, 1.0m, mod
1260m - % East side 5m wide % a/a

97PS015 - main ck Alt 1230m
sand/silt, med brown, 1.5m, mod

97PS016 - ck/seep from West 1200m
silt/sand, red brown, 20cm, gentle/mod

97PS017 main ck. 1170m
sand/silt, med brown, 1.5m, mod

Pine Proj. Sept 19/97

Black 1-10 Cl. A Smallwood

Eastern Ck

97PS018 - main ck Alt: 1120m

sand/silt/gvl med brown, 1.5m, mod.

97PS019 main ck. 20 m Alt 1,000m

from Finlay R.

sand/silt, med brown, 1.0m, gentle/mod

Same loc'n as BC RGS # 94E-965047

From mouth of ck - chain down Finlay R.

@ 65m 97PS020 ck from N.

sand/silt, med brown, 0.5m, gentle/mod

Traverse 1700m - no more cks

Pine Property Sept 18/97

Black 1-10 Property A Smallwood

Center Ck

97PS001 - silt - gravel/sand/silt

colour - med brown a/t - 1305m

ck width - 1-2m

slope - moderate

Chain from S001 to fork of ck downstream

@ 215m - % East side of ck

20m wide - Maroon wx volc?

remnant feld phenos - mild carb. alt

@ 425m - main fork of ck

Reset distance @ fork = 0.0

97PS002 - E fork ~10m N of confluence

sand/silt/gravel med brown

2.0m moderate flow 1255m

97PS003 - W fork 15m N of confluence

sand/silt med brown

2-2.5m moderate 1255m

Pine Property — Sept 18/97

Block 1-10 Claims — A. Smallwood

Center Ck

@ 1670m % c. east side of main ck
20m long - Grey-black wx
feld. porph volc (?)

@ 1600m % c west side q/a

@ 1700m % c east - 6m west 50m % c

@ 1744m % c east 30m q/a
(% c continues down ck q/a)

@ 1930m 97PS010 - main ck N/120m
50m above canyon + rapids (% - q/a)
sand/silt/gvl. med brown, 3.5m, mod.

@ 3000m 97PS011 main ck
30m up from jnctn w/ Findlay R 1035m
sand/silt/gvl. med brown, 2-3m, mod.

Pine Property — Sept 18/97

Block 1-10 Prop. — A. Smallwood

Center Ck

0.0 @ main fork - heading downstream

@ 400m 97PS004 Main Ck 1230m
sand/silt med brown
3.0m / moderate

@ 550m 97PS005 - small ck/seep
from west. sand/silt, lt brown,
20cm, gentle/mod 1225m

@ 820m 97PS006 main ck 1205m
silt, grey-brown, 2-3m, moderate

@ 865m 97PS007 1200m
ck/seep from east, silt/sand, grey-brown, 0.5m,
gentle/mod,

@ 1265m 97PS008 1180m
main ck sand/silt/gravel med brown
3.5m moderate

@ 1600m 97PS009 1160m
main ck, sand/silt, med-brown, 3-4m, mod

Pine Proj. Sept 20/97
Black 1-10 Cl. A. Smallwood
South of Finlay R. - West Ck.
@ 780m - old beaver dam
@ 870m - beaver dam + small pond/swamp
Swamp + beaver dam end @ 1600m
Ck has rocky bottom - no silt
@ 1800m - beaver dam + pond
@ 1900m 87PS025 Alt 1110m
silt/sand, brown, 2.0m, gentle
poor sample - mostly mud

Pine Proj Sept 20/97
Black 1-10 Cl. A. Smallwood
South of Finlay R.
97PS021 - ck entering from East into East end of West Lake 1135m
sand/silt/gvl, med brown, 1.0m, mod/gentle

97PS022 At juncth w/ Finlay R 1000m
sand/silt/gvl med brown 2m, mod.
Start chaining up ck

@ 300m % both sides of ck
feld porph. volc for 20m
grey-black wx - magnetic
@ 400m % 40m East side, West side
@ 400m 97PS023 main ck 1050m
in canyon. sand/gvl/silt med brown
1.5m, mod/steep

@ 760m 97PS024 main ck. 1080m
sand/silt, med. brown, 1.5m, mod/(i.o. stained)

Pine Proj. Sept 22/97

Blacke 11;12 Cl. A. Smallwood

97PS031 main clk Alt: 1385m

silt/sand/gvl., med brown, 2.0m, mod.

97PS032 clk from N.E 1360m

silt/sand, med brown, 20cm, mod

97PS033 main clk 1325m

sand/silt, med. brown 2.5m, mod

291902 Flt beside clk in canyon 1245m

Rusty qtz, altered vole(?) w/ azur, mal. stain on fractures. Rusty o/c above (15m) but contains only py.

Pine Project Sept 22/97

Block 11, 12 Cl A. Smallwood

West Cirque

97B026 main clk (west fork) 1615m

sand/silt lt brown, 1.0m, mod

97B027 - clk from East 1575m" draining saddle.

sand/silt/gvl, dk brown, 1.5m, mod

Clk is stained red

97PS028 - main clk 1555m

sand/silt/gvl, orange, 1.5m, mod.

291901 Flt, Rusty qtz siliceous bldr, w/ py, sph., cp(?) in main clk @ Alt 1505m

97PS029 main clk 1440m

sand/silt/gravel, orange/brown, 2.0m mod

97PS030 - small clk from S.E 1430m

just above East Cirque Clk

sand/silt/gvl, med brown, 0.5m, mod

№ 291901

MINERAL ·ENVIRONMENTS LABORATORIES
8282 Sherbrooke St., Vancouver, B.C. V5X 4E8

Date: Sept 22/97
Company:
Project: Pine Project
Notes: Flt Bldr.
Rusty w/ Py, Sph, Cp?

FIELD COPY

Block 11, 12 C1
A. Smallwood

№ 291901

MINERAL ·ENVIRONMENTS LABORATORIES
8282 Sherbrooke St., Vancouver, B.C. V5X 4E8

Date: Sept 22/97
Company:
Project: Pine Project
Notes:

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№ 291902

MINERAL ·ENVIRONMENTS LABORATORIES
8282 Sherbrooke St., Vancouver, B.C. V5X 4E8

Date: Sept 22/97
Company:
Project: Pine Proj
Notes: Flt bldr - rusty ws
w/ mal., atur.

FIELD COPY

Block 11+12 C1
A. Smallwood

№ 291902

MINERAL ·ENVIRONMENTS LABORATORIES
8282 Sherbrooke St., Vancouver, B.C. V5X 4E8

Date: Sept 22
Company:
Project:
Notes:

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TYGER FAIRBANK SEPT 19, 1997

BLACK 1-10

SILT SAMPLES

97PF001 - SAND - SILT - GRAVEL
0.5 MTR WIDTH
RED/BROWN COLOUR
MODERATE FLOW
0.0 METRES

97PF002 GRAVEL/SAND/SILT
2 MTR WIDTH
MODERATE FLOW
DARK BROWN COLOUR
702 METRES

NOTE - 331.9 METRES CROSSED GRID LINE.

97PF003 GRAVEL/SAND/SILT
2 MTR WIDTH
MODERATE FLOW
DARK BROWN COLOUR
615.0 METRES
(CANYON)

BLACK 1+10

97PF004 - GRAVEL/SAND/SILT
1 METRE WIDTH
MODERATE FLOW
BROWN/RED COLOUR
1126 METRES

NOTE: AT 1337 MTRS:

(2 TAGS) 583682+623 H
FINAL POST #2
CLAIM NAME: ERROR #7 + #8
LOCATOR J. SUEEN
SEPT 2, 1997

97PF005 GRAVEL/SAND/SILT
1 MTR WIDTH
MODERATE FLOW
BROWN/RED COLOUR
1401 METRES

↘ SWAMP APPROX 500 METRES
BEYOND (1451 METRES)
COULD NOT FIND CREEK
RUNNING OUT OF SWAMP

ARRIVED AT RIVER
AFTER APPROX 1198 METRES

BLOCK 1-16 TYLER FAIRBANK
SEPT 26 '97

97PF006 GRAVEL/SAND
1 MTR WIDTH
MODERATE FLOW
GREY BROWN COLOUR
0.0 METRES

LAKE RUNS OUT INTO SWAMP
-NO RIVER-
COULDN'T FIND ANY SURROUNDING CREEKS OR RIVERS

BLOCK 11-62 TYLER F.
SEPT 22

97PF007 SAND/SILT/~~GRAVEL~~
4 METRE WIDTH
MODERATE FLOW
BROWN/GREY COLOUR
10.0 METRES

97PF008 SAND/SILT
4 METRE WIDTH
MODERATE FLOW
BROWN COLOUR
187 METRES

97PF009 SAND/SILT
3 METRE WIDTH
NEAR STILL WATER
BROWN/GREY COLOUR
409 METRES

97PF010 SAND/SILT/GRAVEL
1/2 METRE WIDTH
MODERATE FLOW
BROWN/GRAY
150 METRES
-CREEK FLOWING INTO RIVER

97PF011 SAND/SILT
6 METRE WIDTH
MODERATE FLOW
BROWN
765 METRES

97PF012 SAND/SILT/GRAVEL
1/2 METRE WIDTH
MODERATE FLOW
BROWN GREY
778 METRES
-CREEK FLOWING INTO LAKE

97PF013 SAND SILT
5 METRE WIDTH
CALM FLOW
BROWN GREY COLOUR
1162 METRES

97PF014 SAND/SILT
5 METRE WIDTH
CALM FLOW
BROWN/GREY COLOUR
1544 METRES

97PF015 SAND/SILT
4 METRES WIDTH
CALM FLOW
GREY/BROWN COLOUR
1975 METRES

97PF016 SAND/SILT
6 METRE WIDTH
CALM FLOW
GREY/BROWN COLOUR
2398 METRES

97PF016 SAND/SILT
5 METRE WIDTH
MODERATE FLOW
BROWN/GREY COLOUR
2834 METRES

RIVER MEETS LAKE AT 3201 M

Sept 18/97.

Black Claims - Sampling - E. Ostensoe.

4090ft - E fork trib. of S flowing cr. Adrian + Tyler - went up Cr ~2-300m to N bdy of claims. I went USW to W fork trib; then upstream 400m - stream seds. Then S'ly to "lower" bench c ponds, swamps - plants work. SSW'ly up to 2000 m - s'pling stream seds. Area is heavily forested - spruce,

97P-E001. Stream sed. W fork - see above ~100m W of confluence c E Fork. Good gravel + sand + silt. Cr is 2-3m wide. Gradient 10%. Gravels mostly dk grey to grey-green metavolc with bldrs of white-grey Black Lk Intr and minor pink phase intr. Also cgl (JH?). Alt 4020'

Go W'ly upstream 340m - take str. sed 97P-E002. V. good material. Gradient ~7%. Rx, colours - see above. Alt. 4100 ft.

Go to 510m upstream - take 97P-E003 good silts. Gradient ~6%. Grey green meta volc. rx ~ cr. c granitic cobbles. Some epidote Not much Q. Red granite and white granite - med gr, c hb. ~7%. Alt. 4150 ft.

Go S over moderately steep ridge - no otps. Slides into creek (above) are all gravel - bldrs - sand - probable lateral moraine? At 92m S (at +30° slope) = m - bench at elev 4300'. No otp. Continue S on gentler slope to 600m S - elev. 4600ft (1402m) - no otps, no drainages. At 720m slope starts to steepen to the south. Take a dirt sample

97P-E004 Depth 15cm sandy dk orange brown B horizon 15% coarse gravel, 55% sand, 30% soil. Good. Continue S'ly to poplar 'breaks' - these are mixed poplar and green willow bogs w/out ponds, Drainage v. sluggish E'ly. Go E'ly hoping to locate a 'cptn p/u site.

Elev. 4075' (1242m) - E end of breaks - otp volc. sst brown/orange wthg, fine to medium grained, grey-brown colour. Also orange latite of dike.

Elev. 4045' (1233m) - NW side of small valley - drainage 0.20m wide flows in from N side. Take stream sed spl 97P-E005 Fine silts, minor sand, Orange-grey colours. Slope 10%S.

Continue E'ly along N side of tight valley 150ft E of above - take 97P-E006 from similar drainage. V. fine dk brown silts. Alt. 4025! 1227m.

Continue E'ly down stream & bend to S - this is end of the "valley" that I have been following. Take 97P-E007 from main creek - 1m wide, V. fine grey brown silts, some organics included. Elev. 3980'

Sept. 19/97. Rainy. Go to West side of Finlay R. hand at East end of narrow lake near W side of Black claim. Traverse SW'ly to small outlet stream of an even smaller pond - see sketch map Alt. 3720' - dry bed. Fair stream sed's. Brown. Sandy Bldrs of granite (grey, some orange) dark andesite, pebble cgl. Spl 97P-E008. Bulldozer road comes to this site from the SSW direction: old - 20yrs?

At 304m SE - tie to Romulus grid L93N 4515DE N side of former beaver pond - now dry.

At 600m SE - take str. sed spl 97P-E009 - creek is dispersed in boggy ground but good silts mostly grey-brown and orange. Spruce + willow beaver swamp area. Otps of trachyandesite sst/laharic textures. Alt. 3620'. Same site - take 97P-E010R from angular frost heaved boulders - 30cm dia

Rock is orange K-altered trachyandesite with QV stockwork. Epidote on some fractures. 97PE011

At 635m SE - side stream from N side. small seepage/drainage opened up by bulldozer. Good str. sed's: stream is 25cm wide. 15m N of main stream valley. 97P E012R

At 750m SE - area disturbed by 'dozer. In rubble - frags of yellowish and red brown altered bleached trachyandesite (?). Sericitic. Pyrite, if present, has been leached and washed out. N. side of valley. Alt. 3600. Old 'dozer road crossed creek from south at this point.

Follow road to 1000m - another better stream xing and more 'dozer diggings. Likely some drilling too - air track? Creek is 3m wide but shallow. Take 97P-E013. V. good silts - rusty brown and grey brown. Good road S of creek. Alt. 3550'.

Creek enters a canyon - altered laharic volcaniclastics - some Kspar? orange.

At 1400m - drop down to creek. Take 97P-E014. Creek is 2.5 m wide, flowing rapidly ~10%+. Fair quality. Alt. 3440'.

1450m - waterfall 10m high.
Continue to 1750m - lower entrance to canyon.
Take 97P-E015 from a side branch of main creek. Excellent stream sed. Red-brown colour. Cr. is fast flowing 1m x 10 cm.
Area is flatter. Has spruce forest 2 trees to 20" dia. Continue along the flat
At 2120m - tie to Tyler's Δ
97P-F005 at major trib'y stream from N. Follow swamp to E and south without finding an outlet stream. Met Tyler at river's edge.
Alt. 3240'

Sept. 20/97. Rainy day
Drive W on road to SW corner Block - cl.
Alt 3710'. Three traverses to Finlay Rv.
N'ly line started 100m N of road ~60m W of creek. Xing. Soil 97P E016 - middle brown, rocky soil - B? Depth 15 cm.
Some clay ~15%, gravel 45%.
Run on brg 280°
100m - E017: V. sandy Red brown. 20 cm
200m - E018 At 160m - cross recent cl. line N-S.
200m W - 97P-E018 - rocky soil.
Dk brown Sand 25%, clay 20%, rx 50%
Area is all pine forest
300m W - V. sandy, no clay. Bldrs + sand.
Dk brown Poor B. E019 15 cm
400W - E020 S side of marshy lake ~800m x 200m.
Grey brown Sand + clay soil B" > 15cm
500W - E021 Good soil. Kettle topography.
Lake continues W so change brg of line from 280° to 270°. Red brown. Some gravel. ~20%. 10 cm.
600W - E022 - S side of lake 30m S. Hummocky ground. Sandy + rocky soil. Brown-grey sand soil. 10cm.
700W E023 Similar site to above - sandy ridge S side of lake. Poor soil material - 80%. clean fine to med. sand. 10-15 cm
800W - E024 SW corner of lake. Site is almost at lake level - 3550ft. Good sample. sand 40%, clay + soil 60%. Red brown. 15cm
900W - N end of swamp at W end of lake. Dk red brown soil. Good material - mixed sand-gravel-soil 10cm E-025

1000W - between two logs. Good material - mix of gravel, clay, dk red dirt - B. 10cm E026
No spl at 1100W
At 1144m - in bog ≈ tie to L65E
E 73+00N - picket line with metal tags.
027 1200W edge of bog - used to get material - cobbles, sand, leafmould, soil - v pale brown. 10cm. Fair quality thou' looks like a stream bed.
1300W E028 Rocky soil. Grey brown. Poor B. 10cm.
1440W E029 Sand + gravel. At to med. brown B. 10cm. Poor.
1600m E030 Difficult to get soil - deep humus rocky soil. Grey-brown 25 cm Fair quality
No sample at 1700m.
1800m - cross N flowing stream. Follow it N for 100m until there are some stream beds to sample 97P-E031 silt. Fair material but coarse. Gr is 1m wide. 12% slope.
At 1830m - W side of swamp - spl. E032.

At 1927m - good sandy brown soil 10cm. E033. Top of ridge E of main rock.
2019 - as above E034 on slope to river.
2120 - sandy brown, fair silt E035
2220 - bench above river E036 - soil spl. Reddish-orange K-spar rich frags good soils 15cm
150m NE along bench - same stream as E031 - took silt E037
Discontinue line - go SW'ly along bench. At ≈ 250m - small stream from S direction - took silt E038. good material, Grey brown sand.
Alt. 3300 ft
silt E039 from 35cm wide drainage creek along bench 150m S of E038. Good sand - v. fine Some gravel

Sept 22, 97. Fog in a.m., late set out on Black 11/12 claims

LD 95 099 → flags west of cl post in saddle. Clayey yellow soil developed on phyllic white leached highly siliceous sinter? Much Fe ox on rx and in soils. Take 97P-E043 soil from talus slope 200m W of pass & post. 30% clay 30% angular frags 40% gravel-sand. Depth 15cm. Alt 5420'?

Continue NW across sintery talus, orange latite dike mat'l to meadows - take 97P-E044 from 30cm stream close to spl site LD95103. Alt. 5750'. Note heavy alum coating on [illegible]

Go WNW'ly ~100m to creek that drains main part of cirque to SW. Cr is 1m wide. Much Fe Ox cemented gravel. likely 1m thick minimum. Fair spl. 97P E045, Alt 5240ft. Close to LD95106. Coarse material.

Note - Adrian took spl 526 higher up this cr.

Contour to v small trib from NW side of cirque basin - take spl of coarse seds - Fe stained - 97P-E046

Adrian spled trib from W as at confluence, also main creek at 5155' at top of steep pitch to N 5027

Elev 5020' - spl 97P-E047 from main creek - 8% slope N'ly. Fair silts, much Fe Ox. Caliche on walls of channel - likely in stream bed too. Creek turns NW'ly down stream from spl site

Alt 4900' - trib from W side - 20cm wide fast flowing. Poor material. Coarse rusty seds. 97PE048

97P-049 - from major trib stream at confluence - flows from SE 2m wide, bldrs, poor silts much sand - garnet, reddish orange color less than above. Alt 4740 ft.

Follow main cr NW'ly

At elev 4450' - 97P-E050. coarse dk gravel - seds.

Continue 500m - 97P-E051 - better material. Avalanche course on both sides of valley - just at edge of forest. Alt 4360'. Fair material but coarse

At outlet of canyon - West side. took spl. 97P-E052R - pyritic phyllite rock. up to 7% pyrite. Derived from close by. Should be prospected. NB Adrian took rx spl near by

Elev main valley - large creek flows E - 3890 ft.

Took stream sed 97P-E053 from trib. creek (see above) about 40m S of confluence with creek. Fair to good sample - compare to BCGS-RGS sample.

Evening - made up 2 samples 97P-E054 from fragments of v. pyritic phyllic siliceous float rock in canyon - apparently not far from Adrian's spl 29190.

APPENDIX 2.

Personnel Employed

The following persons participated in the work described in the accompanying report:

1. Erik A. Ostensoe, B.Sc., P. Geo. -

   a consulting geologist since 1982, with residence in Vancouver, B. C.,

   more than thirty five years activity in mineral exploration in Western, Central and Northern Canada, western United States, South America and Asia, employed by major and junior companies as an employee and as a consultant

   a member of the Association of Professional Engineers and Geoscientists of British Columbia (member no. 18,727)

   engaged during September, 1997 by Stealth Mining Corporation to supervise and complete a program of geochemical sampling and geological reconnaissance, followed by report preparation and document filing.

2. Adrian Smallwood, B. Sc., geologist,

   a geologist and geochemist since 1988, with residence in North Vancouver, B. C., principal of Earth Search Exploration Ltd., a mineral exploration services company

   more than twenty years activity in mineral exploration in all parts of Canada and elsewhere, with emphasis on applied geochemistry, employed by a major mining company and, as a consultant, by engineering companies and by junior companies

   engaged by Fairbank Engineering Ltd. and assigned during September, 1997 to Finlay River mineral exploration project of Stealth Mining Corporation

3. Tyler Fairbank, technician,

   field worker with four year's experience in mineral exploration work, including trenching, prospecting, geochemical sampling, and camp construction.

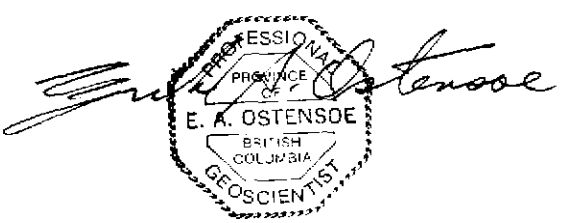
APPENDIX 3.

Statement of Expenditures

STATEMENT OF EXPENDITURES

The following expenditures were incurred in completing the program of geochemical work described in the accompanying report:

1. Professional Fees		
(a) Erik A. Ostensoe, P. Geo. - Sept. 18 - 22. 24.1997 - 6 days	$1926.00	
(b) Adrian Smallwood, P. Geo. - Sept. 16 - 24, 1997 -9 days	2600.00	
(c) Tyler Fairbank - Sept. 16 - 24, 1997 - 9 days	1800.00	$6326.00
2. Transportation to Pine Property via Kemess air strip		
(a) Move in costs - from Prince George air fares, excess freight charges -	1152.55	
(b) Move out costs - via Mackenzie air fares, freight charges, travel costs -	2214.60	3367.15
3. Helicopter Service		
September 18 - 0.9 hours -	794.19	
September 19 - 1.2 hours -	1040.55	
September 22 - 1.4 hours -	1235.40	
September 24 - 0.8 hours -	693.70	
4.3 hours		3763.84
4. Analytical Services		
6 Rock Samples @ $19.80/sample	118.80	
76 Stream Sediment Samples @ $8.80/sample	668.80	
		787.60
5. Consumables - soil bags, thread, ribbon @ $1.00/sample		82.00
6. Vehicle - Ford Extended Cab P/U - 5 days @ $100/day		500.00
6. Camp Charges - 23 person days @ $115/day		2645.00
7. Report Preparation - fees, draughting, copier, binding costs		1600.00
TOTAL EXPENDITURES -		**$19,071.59**



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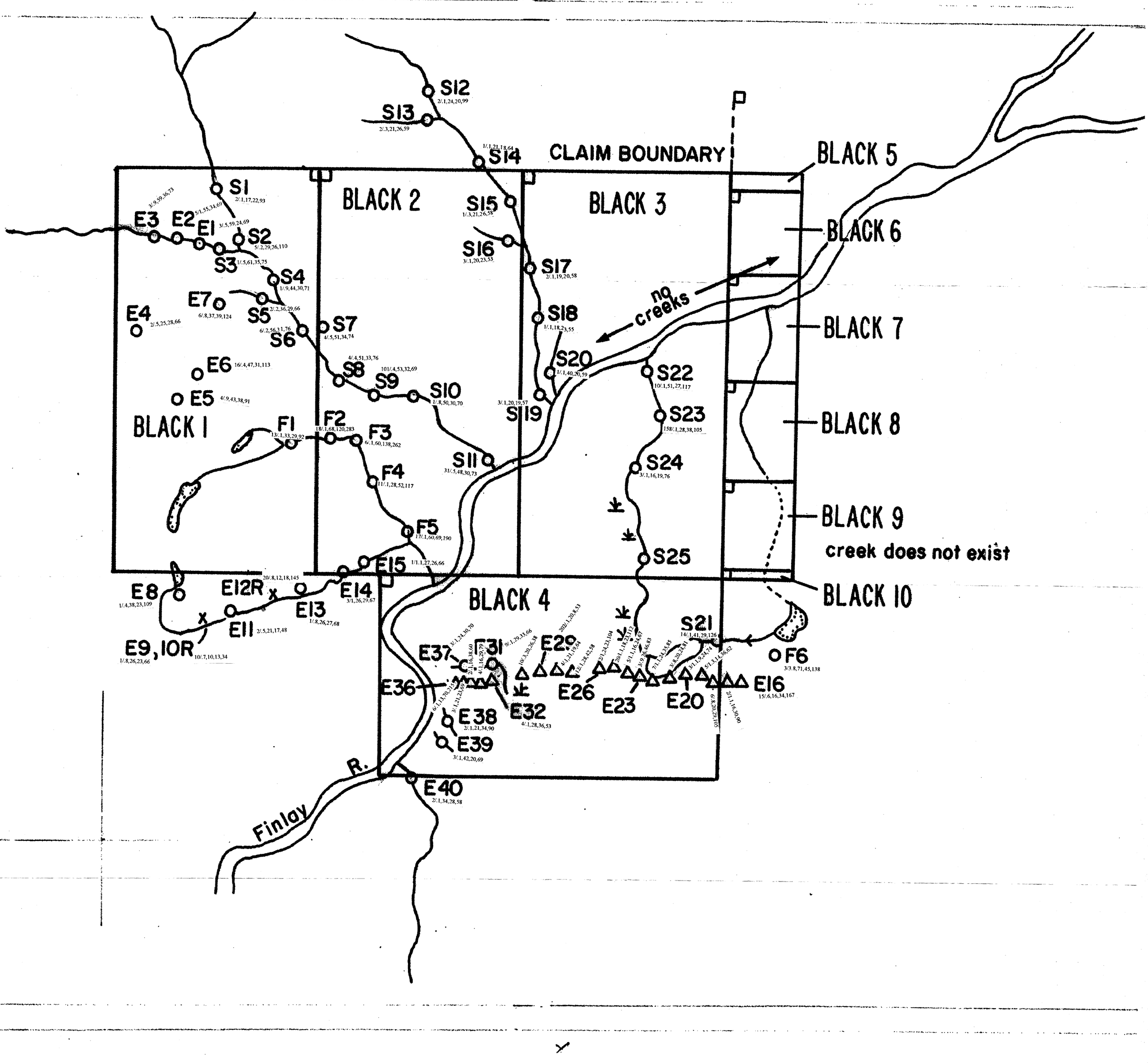

o	SILT SAMPLE
Δ	SOIL SAMPLE
x	ROCK SAMPLE

Sample Prefix 97P

Sequence of analyses:
gold in ppb/ silver, copper, lead, zinc in ppm

SCALE: 1:10,000

0 1 2

Kilometers

STEALTH MINING CORPORATION

PINE PROJECT

BRITISH COLUMBIA

Geochemical Samples Black I Group

NTS 94 E/2

BY: E. OSTENSOE, P.

FIGURE: 5a

N.B. Enlarged from Figure 5.

DATE: DECEMBER,

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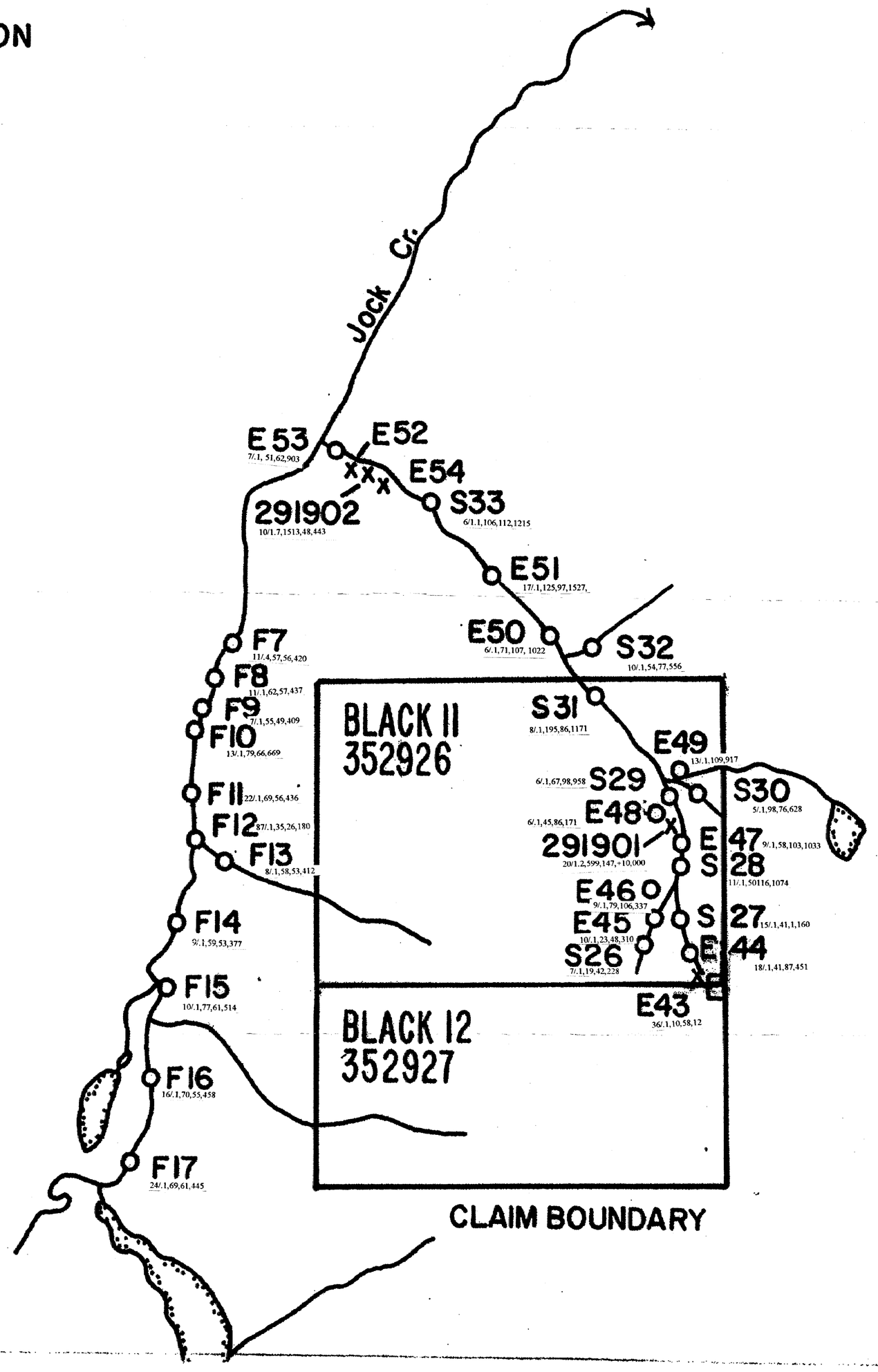

SILT SAMPLE
SOIL SAMPLE
x ROCK SAMPLE

Sample Prefix 97P

Sequence

gold in ppb/
silver, copper, lead, zinc
in ppm

SCALE: 1:10.000

0 1 2

Kilometers

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,268

STEALTH MINING CORPORA

PINE PROJEC

BRITISH COLUMBIA

Geochemical Samp
Black II Group

NTS 94 E/7 | BY: E. OST

FIGURE: 6a N. B. Enlarged from Figure 6. | DATE: DEC

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