

LOG NO: *May 21/91* RD.

ACTION:

GEOCHEMICAL ASSESSMENT REPORT

on the

FILE NO:

**SIMLOCK CREEK PROPERTY
Cariboo Mining Division
Cariboo Lake Area, B.C.**

**NTS: 93A/14
LATITUDE: 52° 52'N
LONGITUDE: 121° 20'W**

**CLAIMS: HH 1-6(4535-40), HH 7(5863),
HH 8-12(5872-76), HH 14(7449),
HH 15(7448), HH 16-21(7493-98),
HH 22-29(8647-54), HH 30-35(8955-8960)**

**SUB-RECORDER
RECEIVED**

MAY - 3 1991

M.R. # \$.....
VANCOUVER, B.C.

on behalf of

**HARVEY CREEK GOLD PLACERS LTD.
3968 Creekside Place
Burnaby, B.C., V5G 4N8**

by

D.F. SYMONDS, B.Sc., F.G.A.C.

**Burton Consulting Inc.
901-626 West Pender Street
Vancouver, B.C., V6B 1V9**

**November 30, 1990
(Amended April 2, 1991)**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,310

BURTON CONSULTING INC.

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1.0 INTRODUCTION

This report has been written on behalf of Harvey Creek Gold Placers Ltd., of Burnaby, B.C. It describes field work, including site access construction, surveying, geological mapping and geochemical (rock and soil) sampling which was carried out on the Simlock Creek Property, located northeast of Cariboo Lake, in the Harvey Creek/Simlock Creek drainage area. This lode gold exploration work (not placer work) was carried out from July 5th to October 20th, 1990.

The Simlock Creek property is located over Paleozoic gold-rich sedimentary and metasedimentary rocks. Previous surveys have detected several gold, silver, lead and zinc geochemical soil anomalies which parallel the regional stratigraphic trend. Silver-rich galena and sphalerite mineralization has been found in place on the property, just east of Simlock Creek, on the 1988 geochemical survey grid.

A statement of costs incurred directly as a result of the 1990 work program is included. Some elements of this cost statement were supplied by Placer Dome Inc., Noranda Exploration Co. Ltd. and Harvey Creek Gold Placers Ltd.

Recommendations are made for further work on the property. This work should include a systematic excavator trenching program to locate the lode source of the soil anomalies.

2.0 SUMMARY & CONCLUSIONS

The Simlock Creek property, owned by Mr. Frank R. Hallam (in Trust for Harvey Creek Gold Placers Ltd.) consists of 34 claims totalling 156 units in the Cariboo Mining Division, B.C.

The property is located approximately 100 air-kilometres north-northeast of Williams Lake, B.C. and is accessible by road from Likely, B.C. along the northwest side of Cariboo Lake to the lakehead and northerly via logging roads which traverse the property.

The property is underlain by a succession of sediments and metasediments of the Paleozoic Snowshoe Group, which forms a portion of the Barkerville Terrane. These rocks are described by Struik¹ as being gold-rich. The grid area is underlain by Downey Succession rocks, which include olive and grey micaceous quartzites and phyllites and other undifferentiated rocks. Contacts between rock units exhibit a strong north-northwesterly trend (approximately 330°).

Interest in the exploration for lode gold deposits in the area was generated by placer work carried out on Harvey Creek and Simlock Creek. Heavy mineral testing on the Simlock Creek drainage led to an exploration program on the claims in 1988. This 1988 exploration program resulted in the detection of significant gold, silver, lead and zinc soil geochemical anomalies which parallel the trend of regional geologic contacts. Follow-up prospecting on soil geochemical anomalies in 1988 resulted in the discovery of silver-rich galena mineralization in a showing on the survey grid just east of Simlock Creek. Further prospecting and test-pitting was carried out in geochemically anomalous areas in 1989.

Field work carried out during 1990 consisted of site access preparation, surveying, geological mapping and geochemical (rock and soil) sampling. The purpose of this work was to investigate the nature of the overburden and bedrock at geochemically anomalous sites. This work was carried out in a very limited area surrounding the location of a 1989 soil sample containing 4500 p.p.b. gold. Bedrock, consisting of altered (phyllitic) micaceous quartzites with abundant pyrite altered to limonite, was reached in four of the six places tested. Four rock samples (Samples R1 to R4) taken from the areas tested showed no anomalous gold, silver, lead, zinc, copper, molybdenum or antimony values. Five other rock samples (Samples #130293, #130294, #130296, #130298, #131004) taken from the areas tested showed no anomalous values when analysed for gold, silver and 26-

element I.C.P. except for elevated strontium values (607 p.p.m. to 1691 p.p.m.) in three samples (Samples #130293, #130294, #131004). A further five rock samples (Samples #80028 to #80032) were taken from various locations on the claims. Two of the samples (Samples #80028 and #80029) were taken from a showing just east of Simlock Creek. This showing, discovered in 1988, is a 30 cm. wide, trends 100⁰ and contains sphalerite and galena in a limy laminated phyllite. Sample #80028 ran 110 p.p.b. gold, 19.3 p.p.m. silver, 1.20% lead and 13.50% zinc.

Soil profiles totalling 21 samples (Samples #T90-1-1 to #T90-6-3) were taken from the six places tested. These samples were treated as rocks, being ground to -150 mesh before analysis. Nine of these samples had gold values greater than 20 p.p.b. One sample (Sample #T90-5-2) had high lead (750 p.p.m.) and zinc (850 p.p.m.) values. A further 5 soil samples (Samples #130295, #130297, #130299, #130300, #131005) were taken from the test areas by Noranda. These samples were not ground to -150 mesh before analysis in Noranda's own laboratory. Instead, the -30 mesh fraction of the sample was analysed. These samples showed no anomalous values when analysed for gold, silver and 26-element I.C.P.

The pulps of five samples corresponding to these non-anomalous samples, previously analysed by Chemex Labs were sent to Noranda Vancouver laboratory from Chemex Labs for further check analysis. The Noranda laboratory determined that the original analyses were in error and that the five samples were anomalous in gold (20 p.p.b. to 100 p.p.b.). The reanalysis information is shown as Appendix V. It should be noted that Noranda still only analysed the -80 mesh portion of the sample instead of using the whole sample ground to a finer mesh size.

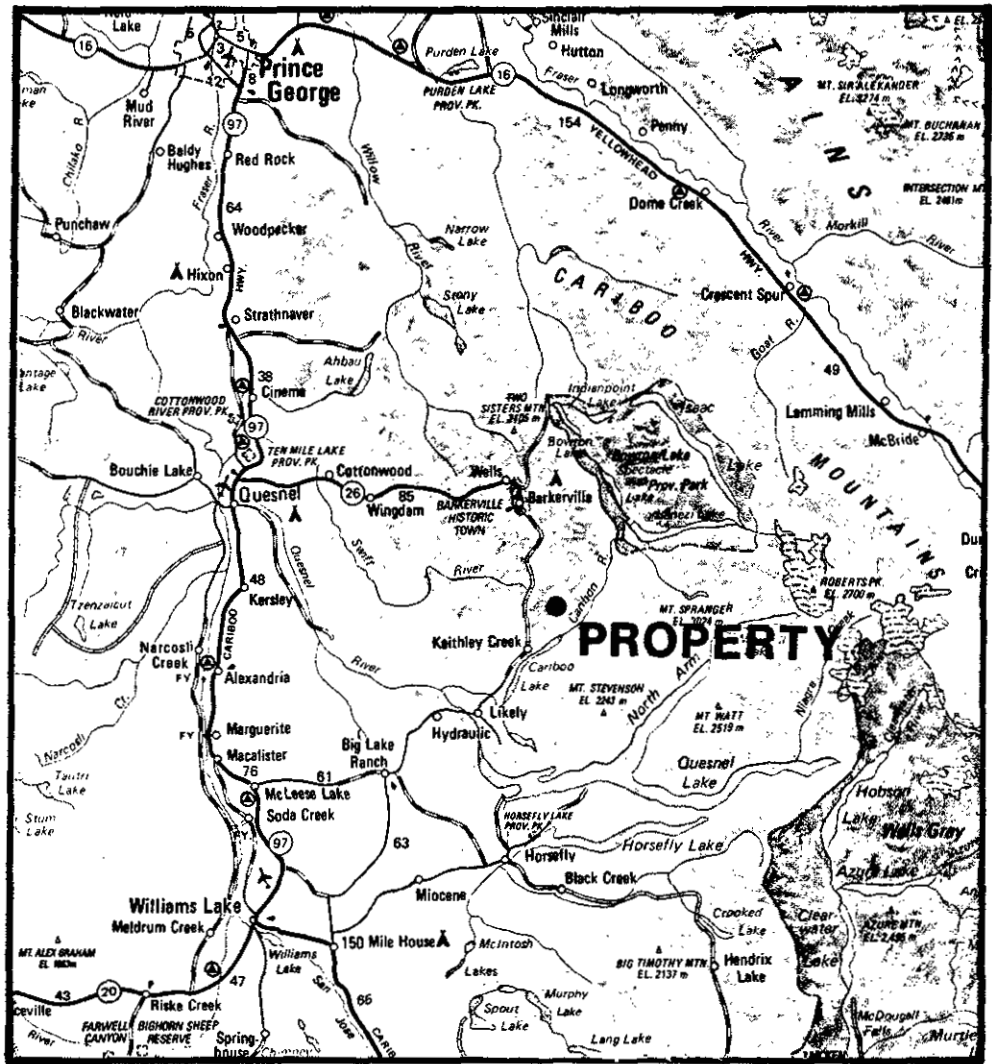
The bulk of the soils observed were locally derived. There was some evidence of natural sluicing which would explain a few of the more anomalous gold values in the soil, but would not account for the multiple, stratigraphically parallel gold soil anomalies detected by the 1988 work program.

Further work is recommended on the property, including a systematic excavator trenching program.

3.0 LOCATION & ACCESS

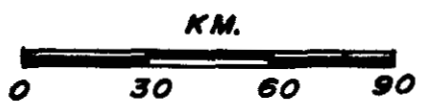
The Simlock Creek property is located approximately 100 air-kilometres north-northeast of the Town of Williams Lake, B.C. Access to the property is by road from Likely, B.C. and along the northwest side of Cariboo Lake. From the head of Cariboo Lake a series of forest access roads and recently-built logging roads provides excellent access northwest to many parts of the property.

Location information is shown on Figures 3-1 and 4-1.



NTS 93A/14

HARVEY CREEK GOLD PLACERS LTD.



SIMLOCK CK. PROPERTY
Location Map
NOVEMBER 30, 1990 FIG 3-1

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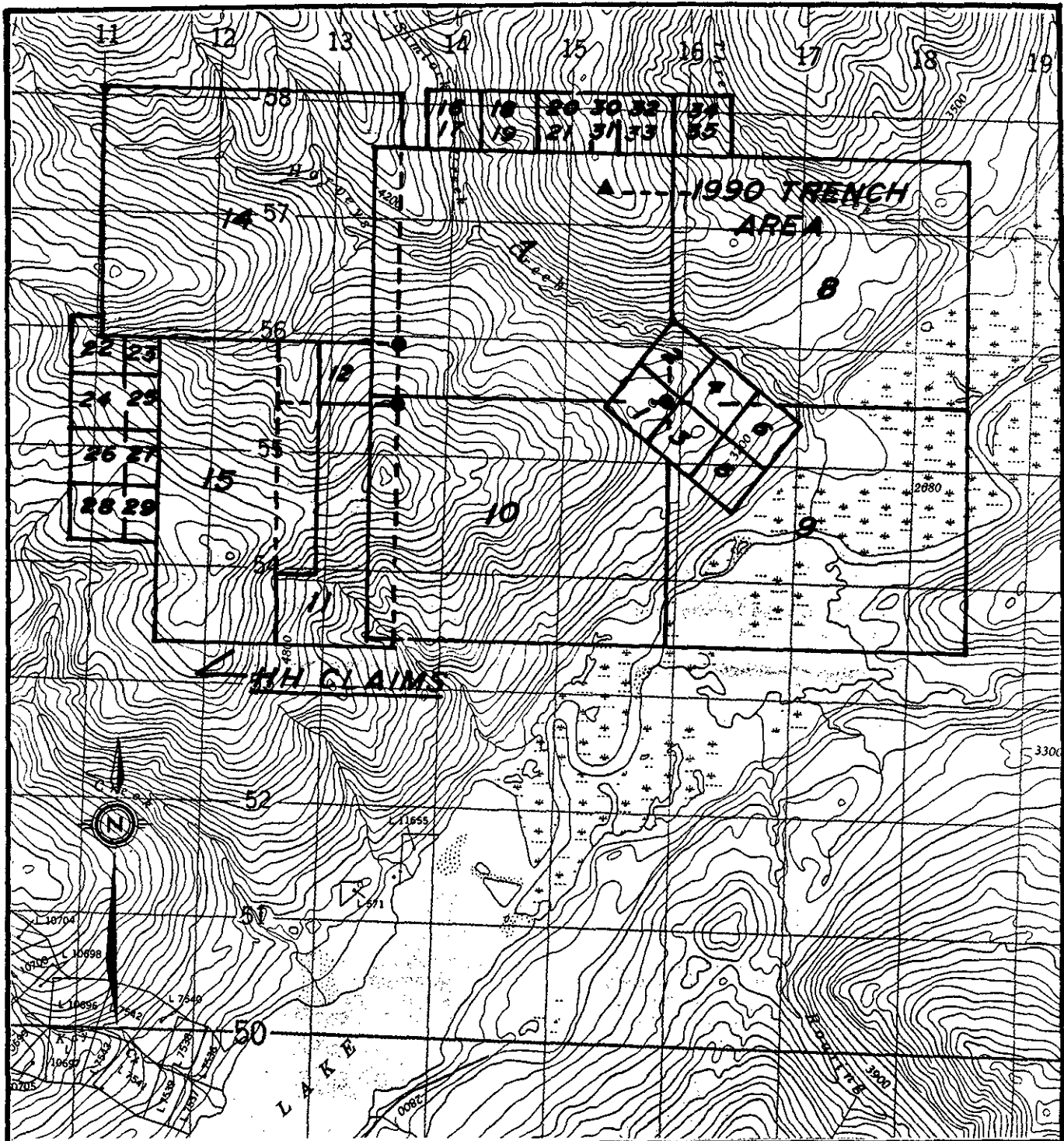
4.0 CLAIM INFORMATION

The Simlock Creek property consists of 156 claims and units in the Cariboo Mining Division, B.C. Claim information is as follows:

CLAIM NAME	# UNITS	RECORD #	RECORD DATE	EXPIRY DATE
HH 1	1	4535		30SEP94
HH 2	1	4536		30SEP94
HH 3	1	4537		30SEP94
HH 4	1	4538		30SEP94
HH 5	1	4539		30SEP94
HH 6	1	4540		30SEP94
HH 7	20	5863		07MAR93
HH 8	20	5872		13MAR93
HH 9	20	5873		13MAR91
HH 10	20	5874		13MAR91
HH 11	8	5875		13MAR91
HH 12	2	5876		13MAR91
HH 14	20	7449		24MAR93
HH 15	20	7448		24MAR91
HH 16	1	7493		04APR93
HH 17	1	7494		04APR93
HH 18	1	7495		04APR93
HH 19	1	7496		04APR93
HH 20	1	7497		04APR93
HH 21	1	7498		04APR93
HH 22	1	8647		28SEP90
HH 23	1	8648		28SEP90
HH 24	1	8649		28SEP90
HH 25	1	8650		28SEP90
HH 26	1	8651		28SEP90
HH 27	1	8652		28SEP90
HH 28	1	8653		28SEP90
HH 29	1	8654		28SEP90
HH 30	1	8955		16DEC93
HH 31	1	8956		16DEC93
HH 32	1	8957		16DEC93
HH 33	1	8958		16DEC93
HH 34	1	8959		16DEC93
HH 35	1	8960		16DEC93

Expiry dates shown are after the application of assessment work in 1989.

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HARVEY CREEK GOLD PLACERS LTD.

**NTS 93A / 14
CARIBOO M.D.**

SIMLOCK CK. PROPERTY

Claim Map

KM.
0 1 2 3
Burton Consulting Inc.

NOVEMBER 30, 1990

FIG. 4-1

5.0 HISTORY & PREVIOUS WORK

Placer gold was discovered in the 1860's on Harvey Creek as a result of the Cariboo Gold Rush and the ensuing influx of placer mining hopefuls. Millions of ounces of gold were reportedly taken out of Harvey Creek, although the recorded production is much lower.

Modern interest in the Harvey Creek and Simlock Creek areas centered around placer gold. It was, in fact, the search for placer gold which led towards the investigation of the Simlock Creek area as a potential source of lode gold mineralization. Placer gold mining operations provided the initial sampling which triggered the search for possible lode sources in the area. Harvey Creek Gold Placers Ltd. used an R.M.S. Ross Derocker to process bulk gravel samples from the Harvey Creek drainage. Examinations of the recovered gold led to the conclusion that multiple lode sources could exist within the Harvey Creek-Simlock Creek drainage basins. Subsequent heavy mineral sampling of the Simlock Creek drainage detected high gold values from specific side creeks.

As a result of the heavy mineral sampling, field programs which included geochemical rock and soil sampling and prospecting were carried out during the 1988 and 1989 field seasons. These programs resulted in the delineation of several geochemically anomalous zones (gold, silver, lead, zinc) which appear to parallel the regional stratigraphic trend. Follow-up prospecting in the area of one of these anomalous zones in 1988 resulted in the discovery of silver-rich sphalerite and galena mineralization in a 30 cm. wide zone in limy laminated phyllites, trending 100°.

Lack of finances has hindered full lode exploration of the gold soil anomalies.

6.0 GEOLOGY

6.10 Regional Geology

The regional geology of the Cariboo Gold Mining District has been compiled and updated most recently by Struik, in Geological Survey of Canada Memoir 421¹. The pertinent section of the geology map which references the Simlock Creek property area is reproduced in Figure 6-1.

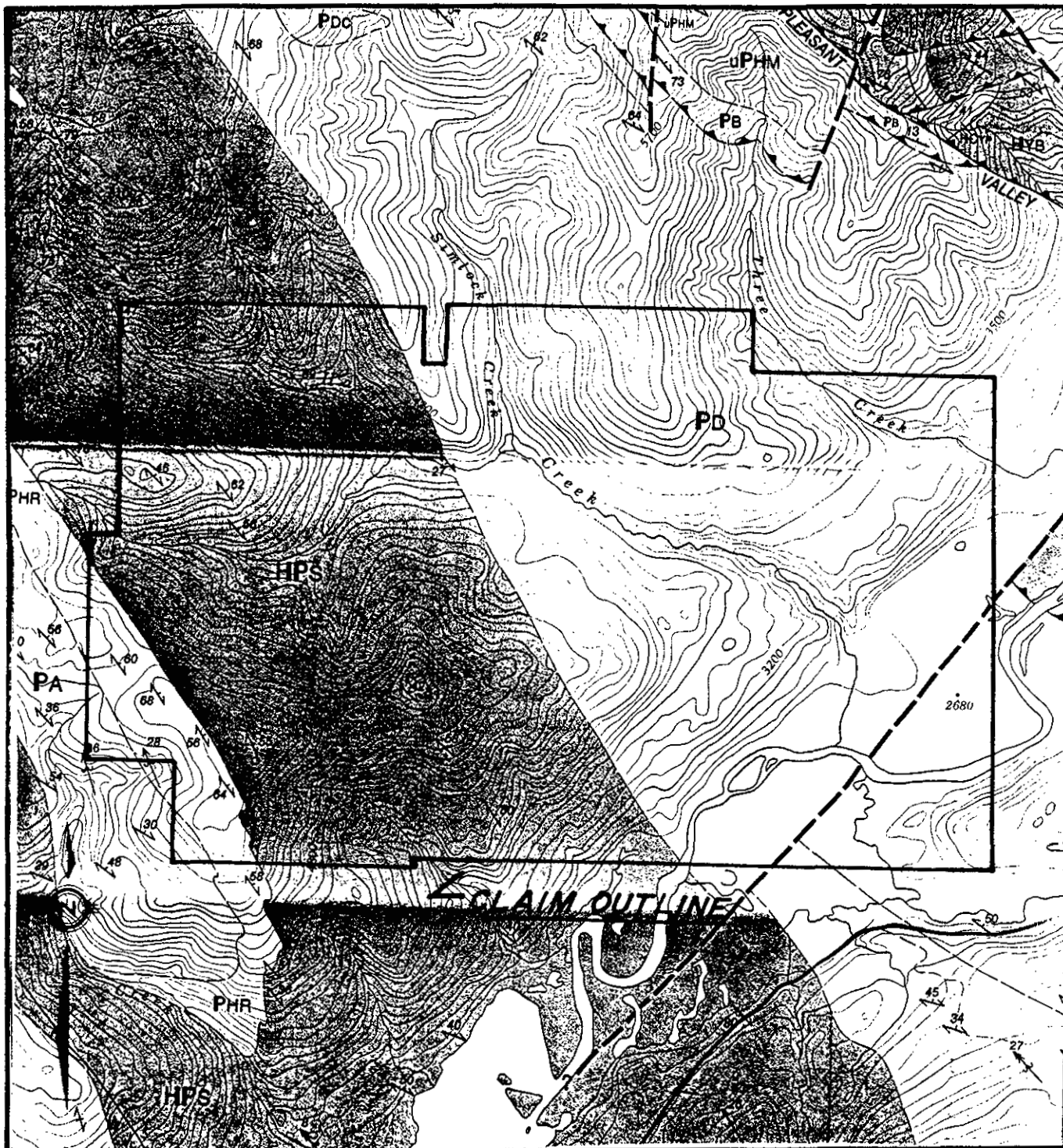
The property is shown to be underlain by a succession of sediments and metasediments of the Paleozoic Snowshoe group, which forms a portion of the Barkerville Terrane. Struik¹ relates vein and replacement deposits of gold, lead and zinc and vein deposits of tungsten and copper to Paleozoic gold-rich strata within Downey Succession rocks. The grid area, which straddles Simlock Creek, is shown to be underlain by Downey Succession rocks, which include olive and grey micaceous quartzite and phyllite, and other undifferentiated rocks. These rocks are similar to the "knotted" phyllites at the Frasergold property to the south.

Contacts between the various rock units exhibit a strong north-northwesterly trend (approximately 330°).

6.20 Local Geology & Mineralization

The grid area is covered largely with overburden. No systematic geological mapping has been carried out. Follow-up prospecting on gold geochemical anomalies immediately east of Simlock Creek in 1988 uncovered silver-rich galena mineralization in place. This mineralization is found in limestone and limy laminated phyllites in apparent contact with argillites to the east.

As a result of the 1990 field work program, bedrock was reached in four locations in an area which surrounds the highest gold soil geochemical value (4500 p.p.b. Au) detected as a result of the 1989 work program. This information is shown on Figure 6-2. The bedrock in this area is a micaceous quartzite, sometimes phyllitic with abundant pyrite which has weathered and altered to limonite.



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NTS 93A/14*



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SIMLOCK CK. PROPERTY

Regional Geology

NOVEMBER 30, 1990

FIG. 6-1

LEGEND**(To Accompany Figure 6-1)****PALEOZOIC****SNOWSHOE GROUP**

- P_D** Downey Succession: olive & grey micaceous quartzite & phyllite, and undifferentiated rocks.
- P_A** Agnes Succession: quartzite clast conglomerate, quartzite, minor limy conglomerate.
- P_{GP}** Goose Peak Succession: quartzite, minor conglomerate.
- P_{HR}** Harvey Creek Succession: dark grey & grey micaceous quartzite, and undifferentiated rocks.
- P_{HRC}** Limestone & limestone conglomerate.
- P_{HRS}** Purple grey very micaceous quartzite & black phyllite.

HADRYNIAN?

- HP_S** Snowshoe Group Undifferentiated.

7.0 GEOCHEMISTRY

A total of 14 rock samples and 26 soil samples were taken on the property. Nine of the rock samples were taken from the limited area which was tested to bedrock and five of the rock samples were taken from other areas on the claims. All of the soil samples were taken from the six areas which were tested in an attempt to reach bedrock.

Four rock samples (Samples R1 to R4) taken from the areas tested showed no anomalous gold, silver, lead, zinc, copper, molybdenum or antimony values. Five other rock samples (Samples #130293, #130294, #130296 #130298 #131004) taken from the areas tested showed no anomalous values when analysed for gold, silver and 26-element I.C.P. except for elevated strontium values (607 p.p.m. to 1691 p.p.m.) in three samples (Samples #130293, #130294, #131004). A further five rock samples (Samples #80028 to #80032) were taken from various locations on the claims. Two of the samples (Samples #80028 and #80029) were taken from a showing just east of Simlock Creek. This showing, discovered in 1988, is a 30 cm. wide, trends 100° and contains sphalerite and galena in a limy laminated phyllite. Sample #80028 ran 110 p.p.b. gold, 19.3 p.p.m. silver, 1.20% lead and 13.50% zinc.

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The pulps of five samples corresponding to these non-anomalous samples, previously analysed by Chemex Labs were sent to Noranda Vancouver laboratory from Chemex Labs for further check analysis. The Noranda laboratory determined that the original analyses were in error and that the five samples were anomalous in gold (20 p.p.b. to 100 p.p.b.). The reanalysis information is shown as Appendix V. It should be noted that Noranda still only analysed the -80 mesh portion of the sample instead of using the whole sample ground to a finer mesh size.

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The bulk of the soils observed were locally derived. There was some evidence of natural sluicing, which would explain a few of the more anomalous gold values, but would not account for the multiple, stratigraphically parallel gold soil anomalies detected by the 1988 work program.

8.0 RECOMMENDATIONS

The 1990 work program tested only a very limited portion of the geochemically anomalous areas on the property. Further work, including a systematic program of excavator trenching, is recommended to increase the chances of uncovering an important zone of gold mineralization. It is important in testing a property with stratigraphically controlled mineralized horizons such as the Simlock Creek Property that every effort be made to trench at right angles to the structure, whenever possible.

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9.0 COST STATEMENT

The following costs were incurred as a result of work on the Simlock Creek Property during the period of July 5th, 1990 to December 4th, 1990:

Note: Information on expense items marked ** was supplied by Placer Dome Inc.
Information on expense items marked ++ was supplied by Noranda Exploration Company Ltd.
Information on expense items marked @@ was supplied by Harvey Creek Gold Placers Ltd.

<u>PERSONNEL:</u>	Doug Symonds	
	Oct. 14 th to Oct. 19 th (Field Work)	
	6 days @ \$350.00	\$2100.00
	Dec. 3 rd to Dec. 4 th (Report)	
	2 days @ \$350.00	700.00
	Rob Pease	
	July 5 th (Field Work)	
	1 day @ \$350.00	**350.00
	Robert Baerg	
	Oct. 19 (Field Work)	++178.00
	Frank Hallam	
	Dec. (Data Reduction/Plotting)	
	2 days @ \$150.00	@@300.00
	Total Personnel Cost:	<u>\$3,628.00</u>

<u>SUB-CONTRACT COST:</u>	(Oct. 13 th to Oct. 19 th)	
	Bulldozer	
	29 hrs. @ \$90.00	@@\$2,610.00
	Lowbed Truck	
	\$150.00/each way	@@300.00

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Total Sub-Contract Cost: \$2,910.00

FOOD & ACCOMMODATION:

July 5 Food & Accommodation	**80.00
Oct. 14 Meal	9.72
Oct. 14 Groceries	30.89
Oct. 14 Meal	7.30
Oct. 18 Meals	195.21
Oct. 19 Meal	5.06

Total Food & Accommodation: \$328.18

TRANSPORTATION:

July 5 Vehicle use	**75.00
Oct. 14 Gas	48.88
Oct. 19 Gas	25.88
Oct. 19 Vehicle rental	115.00
Oct. 21 Gas	46.58
Oct. 19 Vehicle use	++32.00

Total Transportation: \$333.34

SUPPLIES:

Oct. 11 Bags, Flagging etc.	59.66
-----------------------------	-------

Total Supplies: \$59.66

ASSAYING/ANALYSES:

July 24 Eco-Tech Labs.	**115.25
Nov. 5 Chemex Labs.	98.00
July 19 Noranda Lab	++154.00

Total Assaying/Analyses: \$367.25

COMMUNICATIONS:

Oct. 17 Long Distance	4.05
Oct. 19 Long Distance	3.12
Dec. 3 Long Distance	4.62

Total Communications: \$11.79

DRAFTING & COPYING:

Dec. 4 DFS Enterprises (Drafting)	\$186.47
--------------------------------------	----------

BURTON CONSULTING INC.

Dec. Copy report & maps 40.00

Total Drafting & Copying: \$226.47

TOTAL OF ALL COSTS: \$7,564.69

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10.0 CERTIFICATE

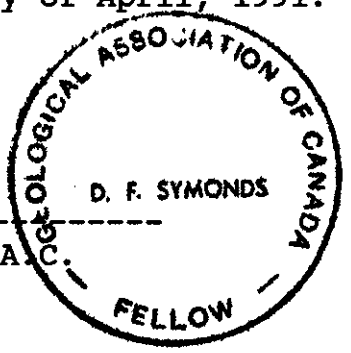
I, Douglas Frederick Symonds, of #313 - 1750 West 13th Avenue, Vancouver, B.C. do hereby state:

- 1) I am a geologist and a graduate of the University of B.C. (B.Sc. - 1972).
- 2) I am a Fellow of the Geological Association of Canada. (Registration #F5496).
- 3) I have practised my profession since graduating in 1972.
- 4) I have based this report on field work carried out under my direct supervision, during the period of October 11th to October 19th, 1990.
- 5) I have no interest, either direct or indirect, in the Simlock Creek Property or in Harvey Creek Gold Placers Ltd., nor do I expect to receive any such interest.
- 5) This report was originally issued on November 30, 1990. This is an amended version of the original report which reflects important additional information that wasn't available at the time the original report was written.

Signed at Vancouver, B.C. this 2nd day of April, 1991.



D.F. Symonds, B.Sc., F.G.A.C.
Geologist



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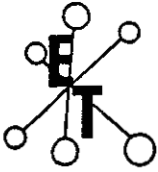
APPENDIX I

(Laboratory Assay Sheets & Rock Descriptions)

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Harvey/Simlock Creek 1990 Rock Samples

- 80028 - "galena showing", north end of soil grid
 - 30 cm chip sample across shear zone trending 100 degrees
 - abundant sphalerite/galena within shear
 - hosted by limey laminated phyllite
- 80029 - same location as 80028
 - 50 cm chip sample across quartz vein trending 140 degrees and dipping 80 degrees to northeast
 - abundant sphalerite/galena plus carbonate in qtz vein
- 80030 - line IE, 80 N 20 E
 - grab sample of laminated limey phyllite
 - 5 % disseminated pyrite
- 80031 - line LE, near the most southerly of the test pits
 - grab of float
 - fine grained blueish sulphide in quartz vein
- 80032 - stop at logging landing lower down Harvey's Creek
 - limestone boulder with dissem. and fracture hosted chalcopyrite, pyrite, bornite, malachite
 - minor fuchsite



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

JULY 24, 1990

CERTIFICATE OF ANALYSIS ETK 90-328

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

DATE RECEIVED: JULY 18, 1990
PROJECT: GENERAL 1E
NUMBER SAMPLES: 5
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE

NOTE: > = MORE THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
328 - 1	80028	110	19.3	20	>1000	>1000
328 - 2	80029	20	22.2	7	>1000	>1000
328 - 3	80030	5	.6	7	245	>1000
328 - 4	80031	5	.4	6	494	160
328 - 5	80032	5	.7	>1000	32	224

Jutta Jealous
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X : KAMLOOPS
SC90/PLACERK1

Central District

Au NLICP

Sheet 1 of 1

57x
5501

Lab Code 9011-009

RECORD OF SAMPLE TRANSMITTAL

NORANDA EXPLORATION COMPANY, LIMITED
P.O. BOX 2380
1050 DAVIE STREET
VANCOUVER, B.C.
V6B 3T5

Date Shipped: Oct 30/90
Date Received: Nov 1 90
Shipped Via: Bus
No. of Cartons: 1
No. of Samples: 10
Geologist: R. Baerg
Date: Oct 30/90

MATERIAL:

- SOIL
- SILT
- ROCK

Project General No. 240
Simlock Cr

SAMPLE NOS./COORDS.		N.T.S. NOS.	G.C.I. NOS.	ADD ELEMENT		SAMPLE NOS./COORDS.		N.T.S. NOS.	G.C.I. NOS.	ADD ELEMENT	
FROM/LINE	TO/STATION			FROM/LINE	TO/STATION	FROM/LINE	TO/STATION				
130293	Rock	93A/14									
4	"										
5	Soil										
6	Rock										
7	Soil										
8	Rock										
9	Soil										
130300	"										
131004	Rock										
5	Soil										
6	Soil ← not here										

CBC 240
Soils 9011-009
AS

ANALYTICAL INSTRUCTIONS

- ALL SAMPLES: (Cu, Pb, Zn, Mo, Ag)
- (Cu, Pb, Zn, Mo, Ag) + ___ + ___
- (Cu, Pb, Zn, Mo, Ag) + AS NOTED

SPECIAL INSTRUCTIONS OR REMARKS:

Au geochem + ICP

RESULTS TO: R. Baerg
PG

RECEIVED
 NOV 15 1990
 1153 TITLE

NORANDA VANCOUVER LABORATORY

Geochemical Analysis

Project Name & No.: SIMLOCK CK. - 240

Geol.: R.B.

Date rec'd: NOV. 01

LAB CODE: 9011-009

Material: 5 SOILS & 5 RX

Sheet: 1 of 1

Date comp NOV. 07

Remarks: * Sample screened @ -35 MESH (0.5 mm).

□ Organic, ▲ Humus

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO4/HNO3 (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman P93000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Tl %	V ppm	Zn ppm
144	SOIL 130295	5	0.4	3.71	15	246	1.3	4	0.93	0.2	152	24	19	62	4.42	1.02	72	9	0.21	847	1	0.11	45	0.08	34	87	0.04	48	72
145	130297	5	0.4	3.89	15	298	1.3	2	0.38	0.2	160	21	19	45	3.98	1.31	78	10	0.24	568	1	0.10	41	0.09	31	62	0.05	54	79
146	130299	5	0.4	4.91	14	377	1.5	4	0.22	0.2	173	25	25	45	4.08	1.61	87	17	0.50	489	1	0.08	50	0.10	19	40	0.04	55	85
147	130300	5	0.4	3.16	19	243	1.2	2	4.10	0.9	148	23	19	64	3.97	1.12	68	11	0.25	578	1	0.10	38	0.08	52	74	0.03	50	145
148	SOIL 131005	5	0.6	3.12	13	261	1.1	2	0.25	0.2	147	20	21	38	4.58	0.98	73	10	0.29	981	1	0.08	42	0.09	46	43	0.04	45	88
149	RX 130293	5	0.4	2.14	22	152	1.1	2	13.40	0.7	2	8	43	19	2.47	0.85	14	6	0.40	504	1	0.11	16	0.03	37	609	0.02	34	45
150	130294	5	0.4	2.58	13	139	1.1	2	14.47	0.4	2	8	23	17	2.15	1.04	19	6	0.18	617	1	0.10	15	0.04	26	607	0.02	34	33
151	130296	5	0.2	2.71	29	193	1.1	2	3.65	0.2	78	8	52	20	2.78	1.10	32	5	0.13	539	1	0.09	17	0.03	21	91	0.02	32	34
152	130298	5	0.4	2.70	8	193	0.8	2	0.28	0.2	50	9	81	25	2.93	0.85	22	16	0.51	538	1	0.04	25	0.04	47	17	0.02	33	49
153	RX 131004	5	0.2	0.43	28	33	0.7	2	23.28	1.1	2	4	14	21	0.79	0.19	1	6	0.21	545	1	0.04	6	0.04	66	1691	0.01	23	58



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: BURTON CONSULTING INC.

901 - 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Page Number : 1
Total Pages : 1
Invoice Date: 30-OCT-90
Invoice No. : I-9025482
P.O. Number :

Project : HAR88-1
Comments: CC: FRANK HALLAM

CERTIFICATE OF ANALYSIS A9025482

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Ag ppm	As	Cu	Mo	Pb	Sb	Zn		
			FA+AA	Aqua R	ppm	ppm	ppm	ppm	ppm	ppm		
509901	205	294	< 5	0.4	22	14	1	34	1.4	16		
509902	205	294	< 5	< 0.2	58	12	3	18	0.8	82		
509903	205	294	< 5	< 0.2	10	12	4	36	0.4	40		
509904	205	294	< 5	< 0.2	2	20	1	22	0.2	35		

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: BURTON CONSULTING INC.

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 V6B 1V9

Page Number : 1
 Total Pages : 1
 Invoice Date: 1-NOV-90
 Invoice No. : I-9025481
 P.O. Number :

Project : HAR 88-1
 Comments: CC: FRANK HALLAM

CERTIFICATE OF ANALYSIS A9025481

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
T90-1-1	217 238	35	< 0.2	17	32	< 1	28	0.2	84		
T90-1-2	217 238	10	< 0.2	11	38	< 1	34	0.2	70		
T90-1-3	217 238	< 5	< 0.2	10	30	< 1	18	0.2	60		
T90-1-4	217 238	25	< 0.2	17	34	< 1	20	0.2	74		
T90-2-1	217 238	40	< 0.2	16	21	1	44	0.2	64		
T90-2-2	217 238	20	< 0.2	14	40	< 1	18	0.2	82		
T90-2-3	217 238	25	< 0.2	10	31	< 1	28	0.2	74		
T90-2-4	217 238	15	< 0.2	10	65	< 1	27	0.2	86		
T90-3-1	217 238	10	< 0.2	13	24	< 1	24	0.2	65		
T90-3-2	217 238	< 5	< 0.2	18	29	< 1	50	0.2	80		
T90-3-3	217 238	15	< 0.2	15	30	1	16	0.2	154		
T90-3-4	217 238	5	< 0.2	16	33	1	16	0.2	82		
T90-4-1	217 238	25	0.3	16	33	1	28	0.4	70		
T90-4-2	217 238	70	< 0.2	16	33	1	69	0.2	66		
T90-4-3	217 238	< 5	< 0.2	10	42	< 1	30	0.2	68		
T90-5-1	217 238	15	0.3	12	26	1	42	0.2	90		
T90-5-2	217 238	50	1.2	14	58	< 1	750	0.8	850		
T90-5-3	217 238	245	0.3	13	45	1	128	0.4	134		
T90-6-1	217 238	15	0.3	13	29	2	78	0.2	84		
T90-6-2	217 238	250	< 0.2	23	28	1	37	0.4	64		
T90-6-3	217 238	10	< 0.2	12	37	< 1	35	0.2	110		

CERTIFICATION: Hart Buchler

APPENDIX II
(References)

BURTON CONSULTING INC.

REFERENCES

- 1) Struik, L.C.; "Structural Geology of the Cariboo Gold Mining District, East-Central British Columbia"; Geological Survey of Canada; Memoir 421; 1988.
- 2) Burton, A.D.K., P.Eng.; "Report on the 1984 Trenching Programme on HH Claim Group"; Private Report on behalf of Harvey Creek Gold Placers; April, 1984.
- 3) Burton, A.D.K., P.Eng.; "Geochemical & Physical Assessment Report on the A Claim Group & the B Claim Group"; Assessment Report on behalf of Harvey Creek Gold Placers; March, 1987.
- 4) Symonds, D.F. & Burton, A.D.K., P.Eng.; "Geochemical, Geophysical & Geological Assessment Report on the Simlock Creek Property"; Assessment Report on behalf of Logan Mines Ltd.; December 12, 1988.
- 5) Baerg, R.; Geochemical Analyses from Noranda Laboratories; FAX; March 13, 1991.

APPENDIX V

(Reanalysis of Soil Samples by Noranda Laboratories)

BURTON CONSULTING INC.

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: SIMLOCK CREEK, RERUNS

CODE: 9101-003

PROJECT NO. :240 SHEET:1 OF 1 DATE REC'D:NOV 01 90

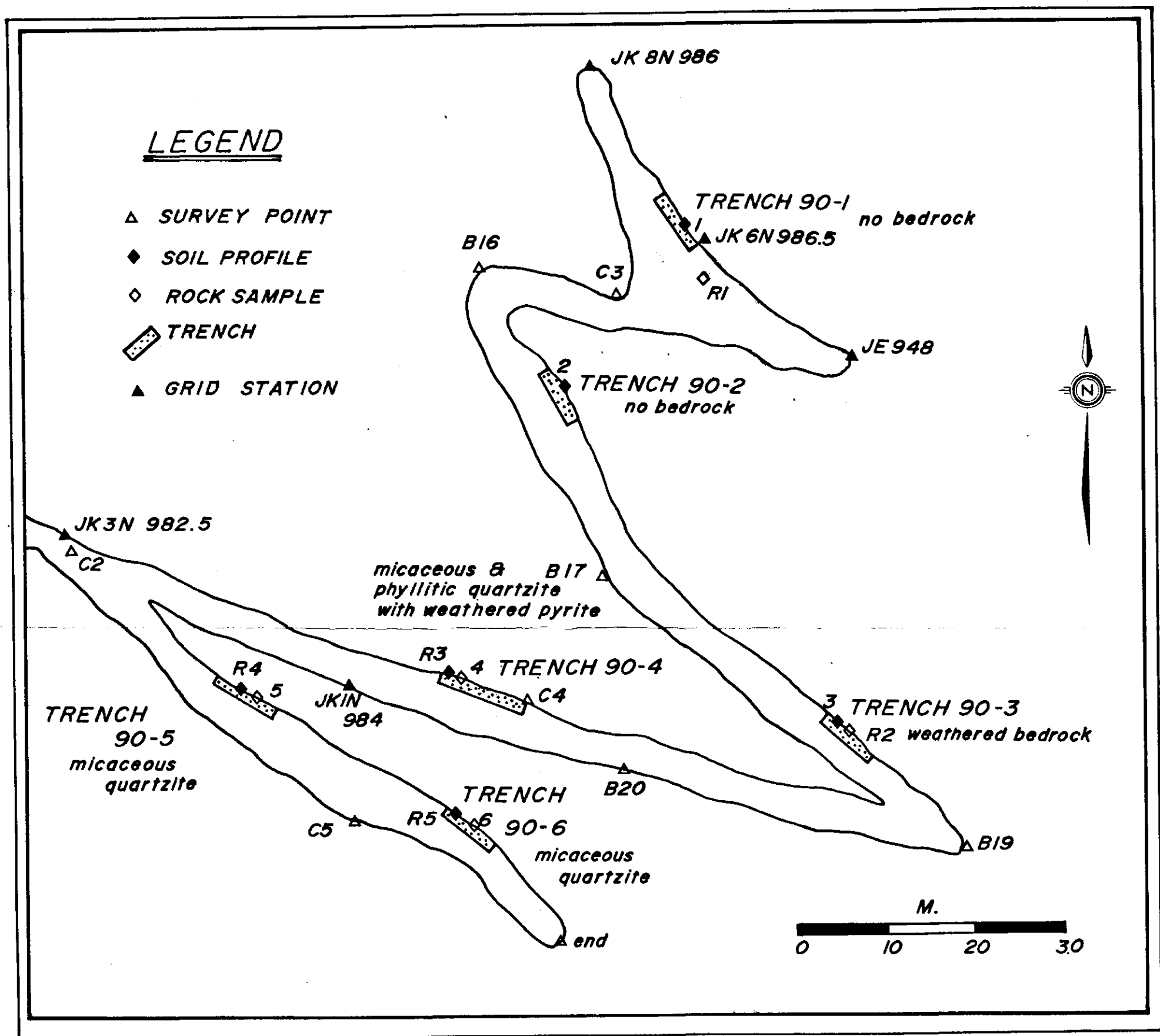
MATERIAL :5 SOILS GEOL:R.B. DATE COMPL:JAN 11 91

REMARKS :VALUES IN PPB
REPLICATE ANALYSIS OF -170 MESH (0.09MM) AND
+170-80 (0.18) MESH FRACTION.

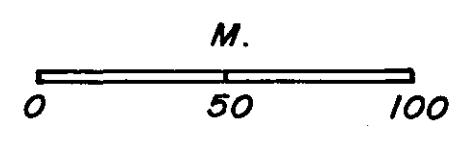
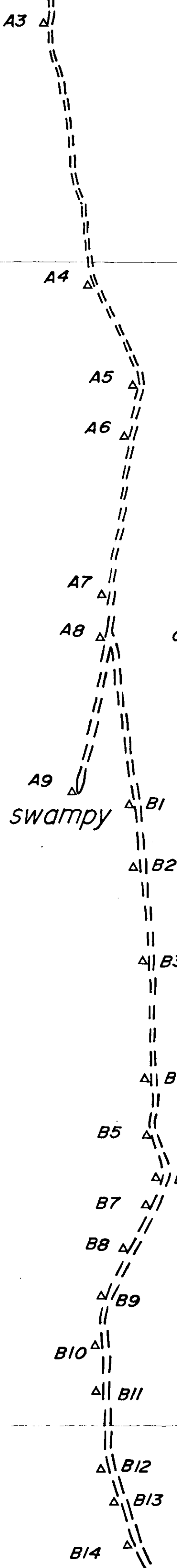
TEST NO.	SMPL. NO.	-80 MESH NOV. 7 90 AU	-80 MESH DEC. 12 90 AU	+170-80 MESH JAN 11 90 AU	SMPL. WT. (g)	-170 MESH JAN 11 91 AU	SMPL. WT. (g)
1	130295	5	40	60,20	14.5	30,40,40	31.0
2	130297	5	30	65,60	17.4	30,30	22.7
3	130299	5	5	25,20	17.8	20,30	23.0
4	130300	5	20,30	15,15	19.9	25,60,40	28.4
5	131005	5	20,40	10,10	15.3	25,100,55	33.5

Previously known as 9011- 009 and 9012- 003

SIMLOCK CK.
E. FORK



INSET MAP (See Fig. 4-1 For Trenching Location Relative to Claims)



SOIL SAMPLE LOCATIONS

SAMPLE #	LOCATION	DEPTH (cm.)
T90-1-1	Trench 90-1	50
T90-1-2	"	150
T90-1-3	"	250
T90-1-4	"	350
T90-2-1	Trench 90-2	50
T90-2-2	"	120
T90-2-3	"	220
T90-2-4	"	320
T90-3-1	Trench 90-3	50
T90-3-2	"	150
T90-3-3	"	250
T90-3-4	"	400
T90-4-1	Trench 90-4	50
T90-4-2	"	150
T90-4-3	"	250
T90-5-1	"	50
T90-5-2	"	150
T90-5-3	"	250
T90-6-1	"	50
T90-6-2	"	150
T90-6-3	"	250
130295	Trench 90-5	200
130297	Trench 90-4	200
130299	Trench 90-3	100
130300	Trench 90-3	200
131005	Trench 90-2	200

SOIL ANALYSES (Chemex Labs.)

SAMPLE DESCRIPTION	PREP CODE	As ppb FA+AA	Ag ppm Aqua R	Al ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
T90-1-1	217 238	30	4.0-2	17	32	< 1	28	0.2	86
T90-1-2	217 238	10	4.0-2	13	38	< 1	18	0.2	70
T90-1-3	217 238	< 5	4.0-2	10	30	< 1	10	0.2	60
T90-1-4	217 238	10	4.0-2	17	30	< 1	20	0.2	74
T90-2-1	217 238	40	4.0-2	16	21	< 1	44	0.2	44
T90-2-2	217 238	20	4.0-2	14	40	< 1	18	0.2	82
T90-2-3	217 238	20	4.0-2	10	32	< 1	28	0.2	74
T90-2-4	217 238	15	4.0-2	10	45	< 1	27	0.2	76
T90-3-1	217 238	10	4.0-2	13	26	< 1	26	0.2	65
T90-3-2	217 238	< 5	4.0-2	18	28	< 1	30	0.2	80
T90-3-3	217 238	15	4.0-2	15	30	< 1	14	0.2	154
T90-3-4	217 238	5	4.0-2	16	33	< 1	16	0.2	82
T90-4-1	217 238	20	4.0-2	16	33	< 1	16	0.2	80
T90-4-2	217 238	70	4.0-2	16	32	< 1	69	0.2	68
T90-4-3	217 238	< 5	4.0-2	10	42	< 1	30	0.2	68
T90-5-1	217 238	10	4.0-2	14	26	< 1	22	0.2	80
T90-5-2	217 238	30	4.0-2	13	26	< 1	750	0.2	80
T90-5-3	217 238	245	4.0-2	13	45	< 1	127	0.2	136
T90-6-1	217 238	10	4.0-2	13	28	< 1	78	0.2	84
T90-6-2	217 238	250	4.0-2	23	28	< 1	320	0.2	64
T90-6-3	217 238	10	4.0-2	12	37	< 1	38	0.2	110

ROCK SAMPLE LOCATIONS & DESCRIPTIONS

SAMPLE #	LOCATION	TYPE
509901	At R2 in Trench 90-3	grab, weathered bedrock
509902	At R3 in Trench 90-4	grab, micaceous quartzite
509903	At R4 in Trench 90-5	grab, micaceous quartzite
509904	At R5 in Trench 90-6	grab, micaceous quartzite
130293	Trench 90-5	grab, sheared phyllitic limestone, tr. py.
130294	Trench 90-6	grab, sheared phyllitic limestone, tr. py.
130296	Trench 90-4	grab, sheared phyllitic limestone, tr. py. local pale green schist layers
130298	Trench 90-3	grab, silver-grey phyllite, abundant limonite, tr. py.
131004	Trench 90-2	grab (float), rusty grey recrystallized limestone

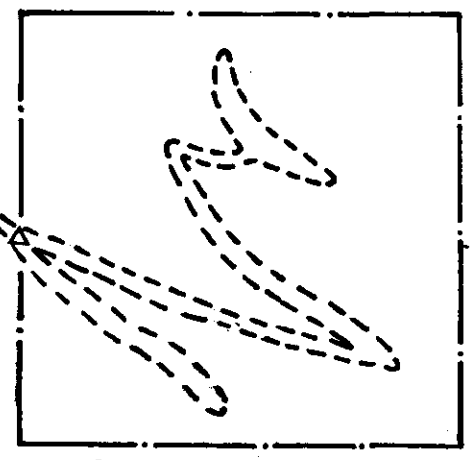
ROCK & SOIL ANALYSES (Noranda)

SAMPLE	As	Ag	Al	Ar	Ba	Be	Bi	Cd	Co	Cu	Cr	Pb	Fe	Li	La	Mg	Mn	Mo	Ni	P	Pb	Se	Tl	V	Zn
130293	0.1	0.01	10	200	1.5	0.02	0.3	1.2	24	15	150	0.2	100	0.02	0.01	100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130294	0.1	0.01	10	200	1.5	0.02	0.3	1.2	24	15	150	0.2	100	0.02	0.01	100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130296	0.1	0.01	10	200	1.5	0.02	0.3	1.2	24	15	150	0.2	100	0.02	0.01	100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130298	0.1	0.01	10	200	1.5	0.02	0.3	1.2	24	15	150	0.2	100	0.02	0.01	100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131004	0.1	0.01	10	200	1.5	0.02	0.3	1.2	24	15	150	0.2	100	0.02	0.01	100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

ROCK ANALYSES (Chemex Labs.)

SAMPLE DESCRIPTION	PREP CODE	As ppb FA+AA	Ag ppm Aqua R	Al ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
509901	205 294	< 5	0.4	22	14	1	34	1.4	16
509902	205 294	< 5	0.2	28	12	1	35	0.8	80
509903	205 294	< 5	0.2	10	12	1	22	0.2	35
509904	205 294	< 5	0.2	2	20	1	22	0.2	35

APPROXIMATELY 1.85 KM.
AT 160 DEGREE BEARING
FROM THIS POINT TO
COMMON L.C.P., HH 7,8,9,10



SEE INSET MAP FOR DETAIL

HARVEY CREEK GOLD PLACERS LTD.

Simlock Creek Property

SAMPLING PLAN

NTS: 93A/14

FIG. 6-2

Burton Consulting Inc.

Nov. 30, 1990

21310

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