

87-113-15862
3/88

GEOCHEMICAL and PHYSICAL ASSESSMENT REPORT

on the
A CLAIM GROUP and the B CLAIM GROUP
HH Claims
in the

CARIBOO MINING DIVISION, B.C.
HARVEY'S CREEK AREA

Latitude 52° 50' N
Longitude 121° 17' W
N.T.S. 93A 14W

for

HARVEY CREEK GOLD PLACERS LTD.,
2949 Rosemont Drive,
Vancouver, B.C.
V5S 2C7

by

FILMED

ALEX BURTON, P. Eng.,
BURTON CONSULTING INC.,
810-626 West Pender Street,
Vancouver, B.C.
V6B 1V9

MARCH, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,862

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+ 140 And Elements Results ✓
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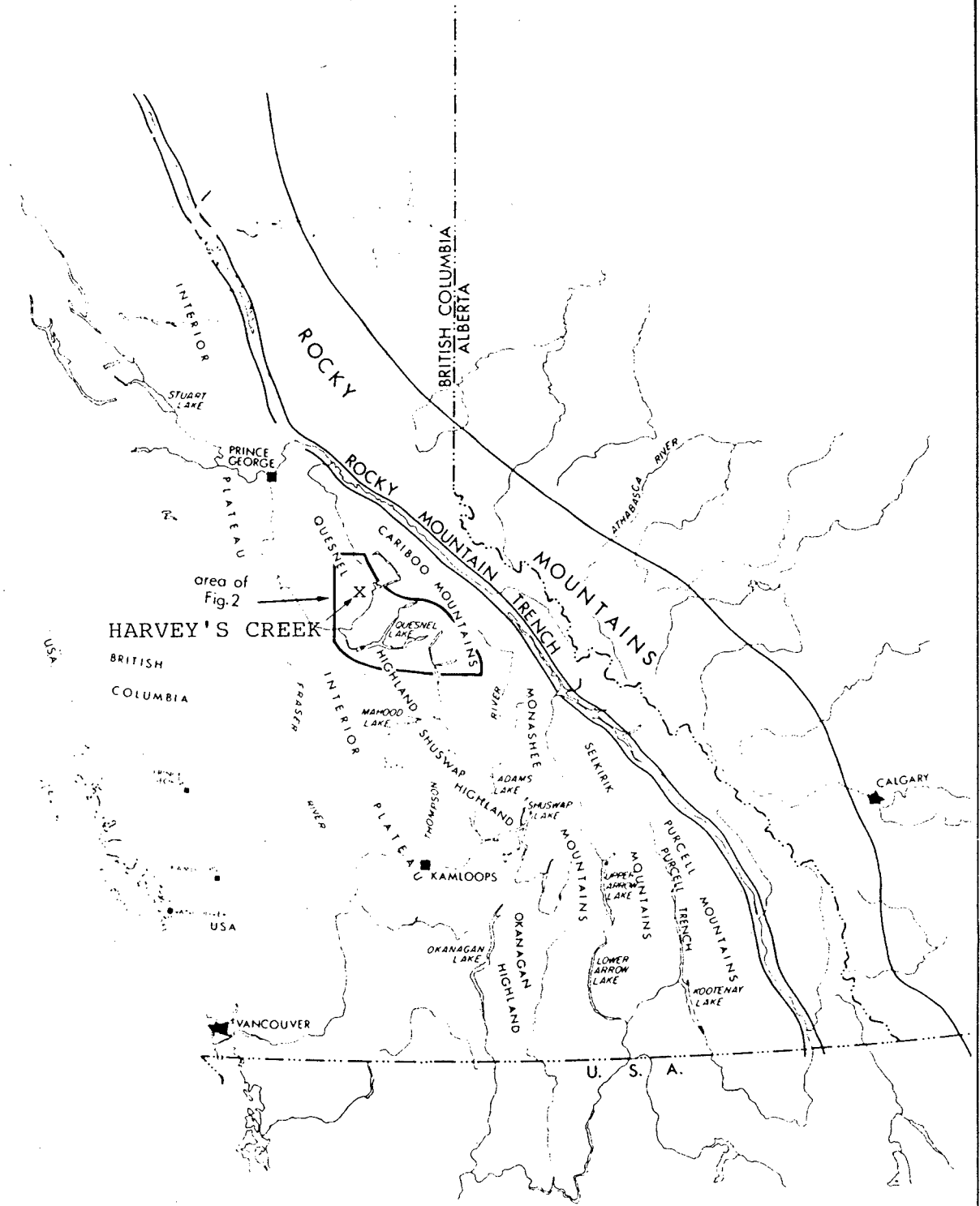


FIG. 1. Location of the Cariboo gold belt relative to some geographic features in southeastern British Columbia.

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INTRODUCTION

CLAIMS

There are a total of eight metric claims with 130 units and twelve two post claims for a total of 142 units. The claims are in two groups of 92 units in Group A and 50 units in Group B.

Harvey Creek Gold Placers Ltd. also owns eleven placer claims on Harvey's Creek which are within the HH Claim Groups boundaries.

CLAIM	RECORD NO.	DATE OF EXPIRY	ASSESSMENT ADDED DATE OF EXPIRY
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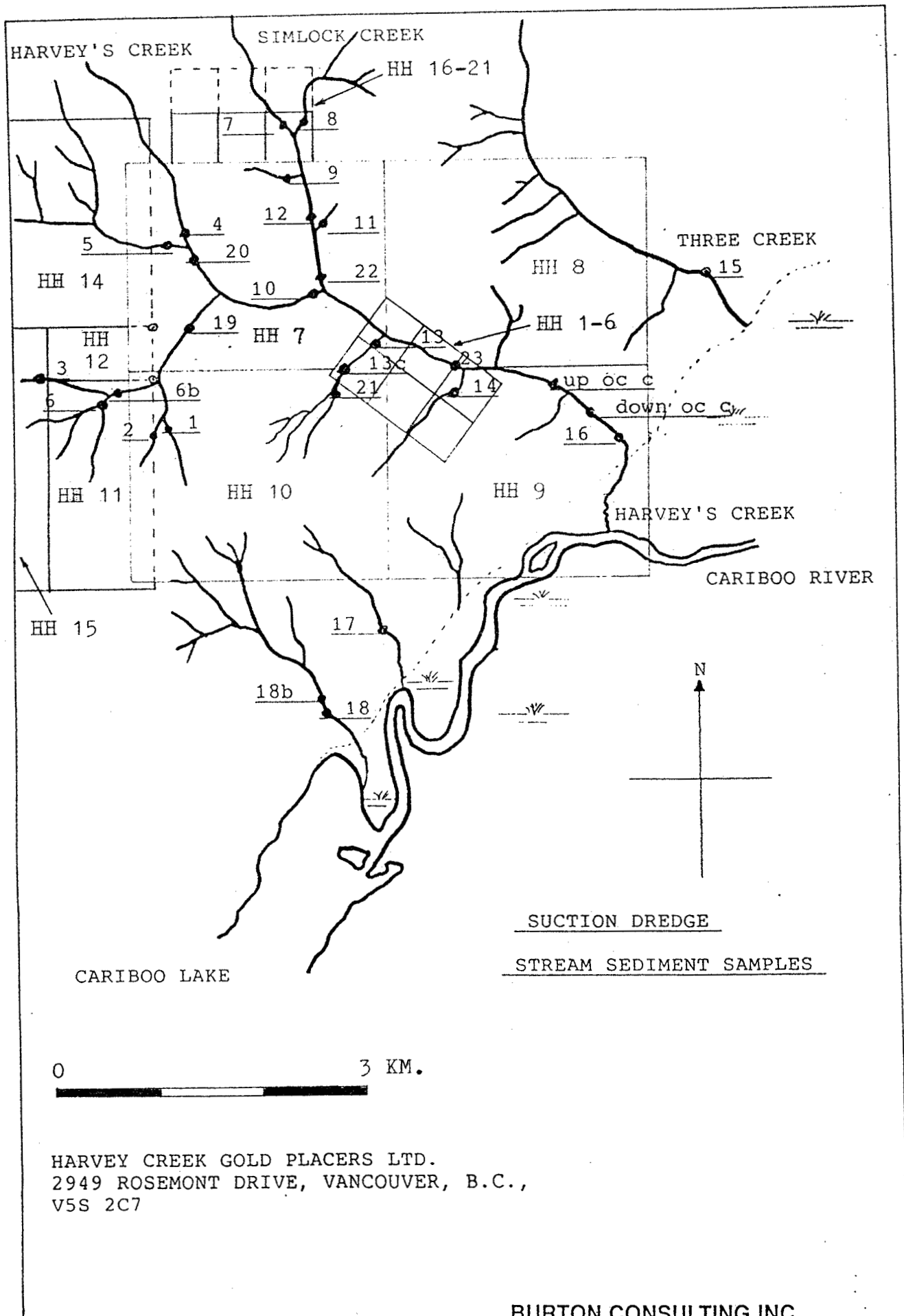
GROUP A

HH 1	4535	Sept 30 '92	
HH 2	4536	Sept 30 '92	
HH 3	4537	Sept 30 '92	
HH 4	4538	Sept 30 '92	
HH 5	4539	Sept 30 '92	
HH 6	4540	Sept 30 '92	
HH 7	5863	Mar. 7 '88	Mar. 7 '89
HH 8	5872	Mar. 13 '88	Mar. 13 '89
HH 9	5873	Mar. 13 '88	Mar. 13 '89
HH 10	5874	Mar. 13 '88	Mar. 13 '89
HH 16	7493	Apr. 4 '87	Apr. 4 '89
HH 17	7494	Apr. 4 '87	Apr. 4 '89
HH 18	7495	Apr. 4 '87	Apr. 4 '89
HH 19	7496	Apr. 4 '87	Apr. 4 '89
HH 20	7497	Apr. 4 '87	Apr. 4 '89
HH 21	7498	Apr. 4 '87	Apr. 4 '89

GROUP B

HH 11	5875	Mar. 13 '88	Mar. 13 '89
HH 12	5876	Mar. 13 '88	Mar. 13 '89
HH 14	7449	Mar. 24 '88	Mar. 24 '89
HH 15	7448	Mar. 24 '88	Mar. 24 '89

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LOCATION

The property is located approximately 32 kilometres northeast of Likely, B.C. N.T.S. co-ordinates are 93 A 14 W. Longitude is 52o 50'N and Latitude is 121o 17' W.

ACCESS

Although access to the Harvey's Creek area has been limited to cat trails, the old Cariboo Waggon Trail, and logging roads from Likely, Harvey Creek Gold Placers Ltd. has recently negotiated the construction and location of a series of forestry access roads and spur logging roads, and, in so doing, gained access to the entire Harvey's Creek and Simlock Creek drainage basins. Consequently, the costs of future exploration may be lower. In addition numerous rock cuts and exposures are now available for prospecting and mapping.

The total cost of the 1985 road work is in excess of \$1,000,000, of which Harvey Creek Gold Placers Ltd. has contributed approximately \$45,000. This amount was not applied for assessment on the mineral claims.

During 1986 the sum of \$7,000.00 was spent on repair and maintenance of roads which are not part of the main logging road system. This work consisted of slide gravel removal, repair of water damaged sections,

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removal of fallen trees, and the upgrading of poor sections. These roads accessed areas on Harvey's Creek where mineralized zones have been discovered, explored, and trenched.

HISTORY

In the 1860's gold was discovered in placers on Harvey's Creek. The recorded gold recovered from this creek since 1874 was 3,853 ounces. The recorded gold is generally considered to be significantly less than the actual production. Placer miners were known at that time to understate their production, or not record it all.

It is generally accepted that a considerable amount of gold was produced between 1860 and 1874, prior to the keeping of records. Bill Hamilton of Beaver Lake settlement, a local placer miner during the 1920's and 30's, reported that a gold buyer named Bob Borland from Kiethley Creek told him that as much as 2 million ounces of non-reported gold was produced from Harvey's Creek prior to 1874. In any event, considerable placer gold has been produced from Harvey's Creek.

Some evidence of past placer workings does exist. Amos Bowman's map "Placer Mines of Harvey Creek" of 1886 shows many placer operations on Harvey's Creek. Mr.

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Bowman was employed by the Geological and Natural History Survey of Canada and his reports are still highly regarded.

Interestingly, no reasonable source has ever been discovered for the bedrock origin of the placer gold found in this drainage. Known deposits in the gold bearing horizons are considered too small to account for the amount of gold already recovered from the placer operations. Extensions of these horizons to the north contain the well known Cariboo Hudson Gold Mine and the Barkerville gold belt.

Samples taken from showings in Harvey's Creek containing pyrite and galena ran from background to 1950 ppb of gold. These showings are not large enough to account for the gold recovered from the creek. Three assay certificates, numbers A8418592-001-A, A8619598-001-A, and A8413064-001-A are included to illustrate typical assays from these showings.

DESCRIPTION OF WORK

Both placer and lode exploration work was done in 1986. This report covers the lode exploration work. Exploration work consisted of geochemical and physical

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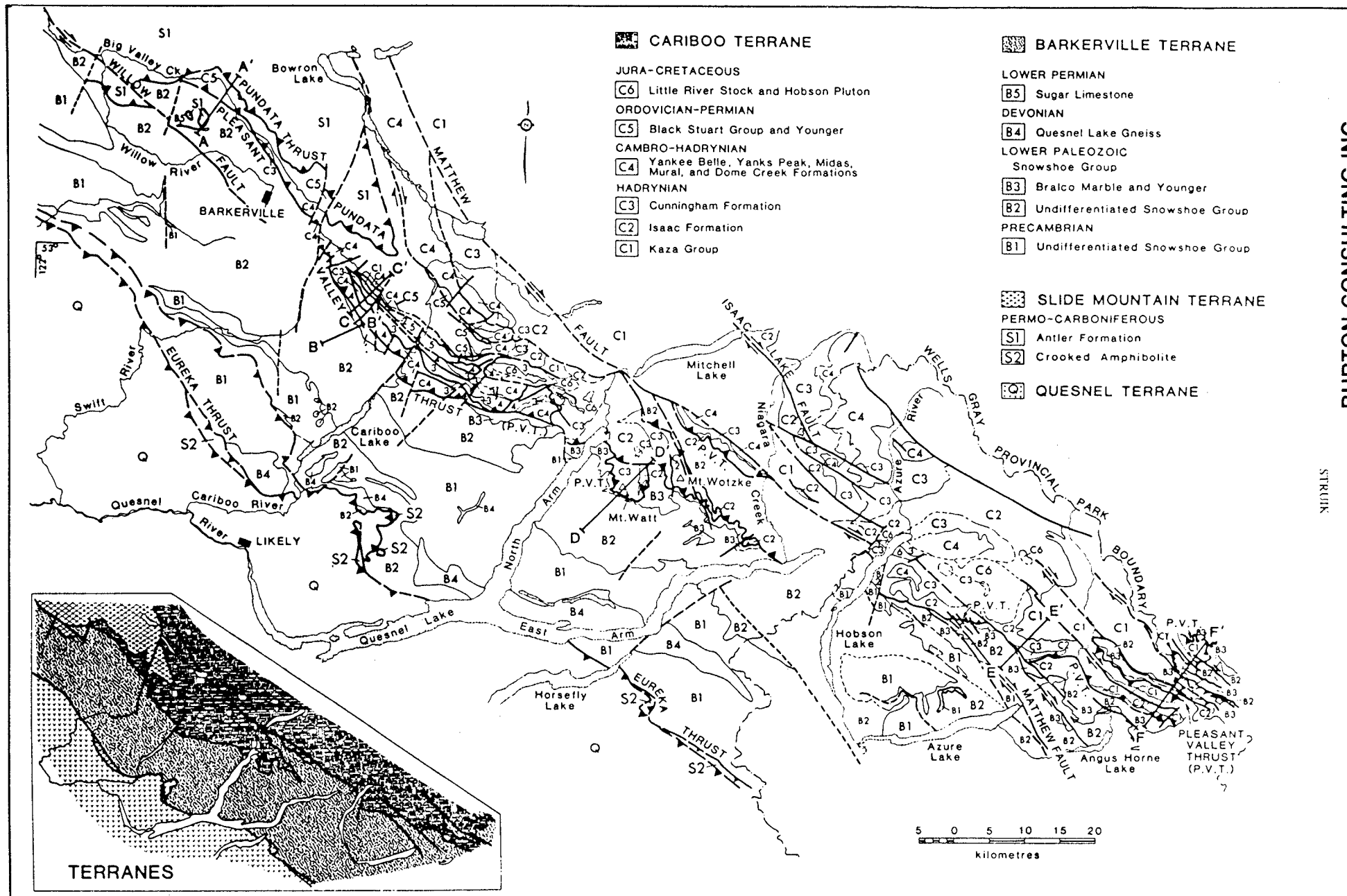


FIG. 2. Generalized geology of the Cariboo gold belt, emphasizing units within Cariboo and Barkerville terranes. Lines A to F locate the structural cross sections of Fig. 5. Inset map shows distribution of the terranes.

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 STRUJIK
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 6(11)

programs. Repair and maintenance of roads and removal of overburden was the main physical work.

The geochemical program consisted of a stream heavy sediment sampling program designed to identify the various lode gold deposits. The program was successful in outlining specific lode targets separate from placer gold targets. The first target followed up led to the rediscovery of a lost lode gold property. The remaining targets are a high priority for future exploration.

GEOLOGY

The most recent publication on the geology of the area is by Mr. L. C. Struik of the Geological Survey of Canada in the August, 1986, Vol. 23 No. 8, issue of the Canadian Journal of Earth Sciences titled "Imbricated Terranes of the Cariboo Gold Belt With Correlations and Implications for Tectonics in Southeastern British Columbia". The property geology was discussed with Mr. Struik in January of 1987. Our mapping corresponds with his and appears to tie in with the drainage geochemistry.

Struik divides the rocks of this belt into four separate terranes. From east to west these are as follows - Cariboo, Barkerville, Slide Mountain, and Quesnel. The Barkerville Terrane is the main gold bearing host rock

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of the area. The Barkerville rocks are generally considered to be late Proterozoic and Paleozoic ages. The rocks are mainly sandstone, pelite, limestone, and mafic volcanoclastics.

The eastern third of the Barkerville Terrane is mapped as the Paleozoic Gold - Rich Strata and equates with the Downey succession of the Snowshoe Group. All the gold showings known in this area are found in the Paleozoic Gold- Rich Strata.

Our initial work in this area appears to confirm Struik's interpretation of the strata as the stream geochemistry anomalies are all draining the Palaeozoic Gold - Rich Strata.

Figure 11 from Struik's article is included for illustration purposes.

GEOCHEMISTRY

Geochemistry consisted of heavy sediment stream sampling and analysis for selected elements.

The work was done under the supervision of Alex Burton, P. Eng. consulting geologist, geochemist and Member of the Association of Exploration Geochemists.

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Sampling procedure consisted of taking a stream sediment sample using a one-and-a-half-inch suction dredge to collect a sample which was concentrated in a sluice box. The concentrate was then bagged for shipment to the laboratory and the sluice box cleaned. Materials sampled consisted of stream bar gravels chosen for their likelihood for containing heavy sediments. The geochemist supervised the choosing of sample sites. Samples were taken when there was sufficient water in the smaller streamlets and rills in the spring. This ensured that the suction dredge would pick up sediments that could not be sampled later at low water. Samples were taken from points of natural concentration in the active stream beds and bars. The sample generally took a half hour to collect and represented about a half to 1 cubic metre of stream bed material. Volumes and characteristics of the sample site were designed so that samples were equivalent.

Samples collected from the suction pipe were run into a sluice box which was cleaned at the end of the run. Each sample was bagged and then shipped to the laboratory.

Chemex Labs Ltd. of 212 Brooksbank Avenue in North Vancouver processed and analyzed the samples. No

nuggets were found and visible gold was not normally seen as the samples were not panned prior to bagging. Pyrite was common, and galena was seen in the concentrate. The samples were sieved to 10 mesh and the oversize rejected. Samples were then sieved using a 140 mesh screen. The undersize was analyzed directly using fire assay and atomic absorption for gold, silver, lead, and tungsten. The oversize (+140 mesh) was ring pulverized to 100 mesh using preparation code 213. Treatment was the same as the -140 mesh using fire assay and atomic absorption analysis for gold, silver, lead, and tungsten.

The rationale for separating the samples at 140 mesh was worked out in conjunction with Professor K. Fletcher of the Geochemistry section of the Geology Department at the University of British Columbia. Recent work by him and his graduate students has shown that the fine grained gold particles in stream sediments more accurately represent gold that is recently shed from lode deposits and the coarser particles represent placer gold that is in a responsive transitional mobility mode in the stream transport system (ie: gold that has paused in its trip downstream in a trap that accumulates gold until it is full).

Confirmation of this concept comes from the results shown in this preliminary stream survey. The areas of high concentrations of gold in the plus 140 mesh portions of the samples are known placer areas. The high gold values in both the minus 140 and plus 140 mesh gold are also related to placer gold concentrations.

The high gold values in the minus 140 mesh with no corresponding high in the plus 140 mesh gold relate to known gold lode deposits and to suspected lode deposits in Struik's zone of "Paleozoic Gold Rich Strata".

The rational for this pragmatic field evidence seems to be that for a unit of erosional time much more fine gold is shed from a deposit through weathering than coarse gold. Thus a sample downstream from a deposit will normally only have fine gold. The occasional piece of coarse gold shed by the deposit is proportionally so seldom an event in comparison that it is for all practical purposes not found. The coarse gold that is shed does continue downstream until it hits a trap where it lodges until the trap is full and the the excess can continue its trip downstream.

Work by Dr. Fletcher and his graduate students has shown that a "better" separation can be made using minus 270 mesh. The technique, however, also works effectively at minus 100 mesh separation and the laboratory costs are cheaper using a 100 mesh rather than a 140 or 270 mesh separation.

An area of concern is the sample site. Samples taken in a swampy environment are less than satisfactory. Another area of difficulty is where there is a bedrock floor in the creek with little or no sediment. Samples can be taken in the wrong spot on a gravel bar where there can be no gold as is shown in textbooks. The major factor is to take the sample at a site that has the greatest chance of having gold if there is any present. The suction dredge is the most efficient technique, far better than buckets, scoops, or shovels. There is no deleterious effect on the waterway if the pump intake is properly placed and the outlet from the sluice box for the water is on the shore rather than returning directly to the stream. Certainly the disturbance is less than that caused by taking a conventional heavy sediment sample.

RESULTS

A total of 28 heavy sediment samples were taken from streams using the suction dredge method after rejecting the plus 10 mesh. Samples were split into plus 140 mesh and minus 140 mesh portions and analyzed separately for gold and silver.

All the samples were analyzed for lead, zinc and tungsten in the plus 140 mesh fraction.

Sample values ranged from less than 5 ppb (parts per billion) to plus 20,000 ppb gold. Sample DS-16 in the minus 140 mesh portion analyzed at plus 10,000 ppb, when assayed ran 0.930 ounces of gold per ton.

Lead values ranged from 50 to 2,000 ppm (parts per million). Zinc values ranged from 176 to 1,200 ppm. Tungsten values from 1 to 375 ppm. Silver values ranged from 0.1 to 18.0 ppm.

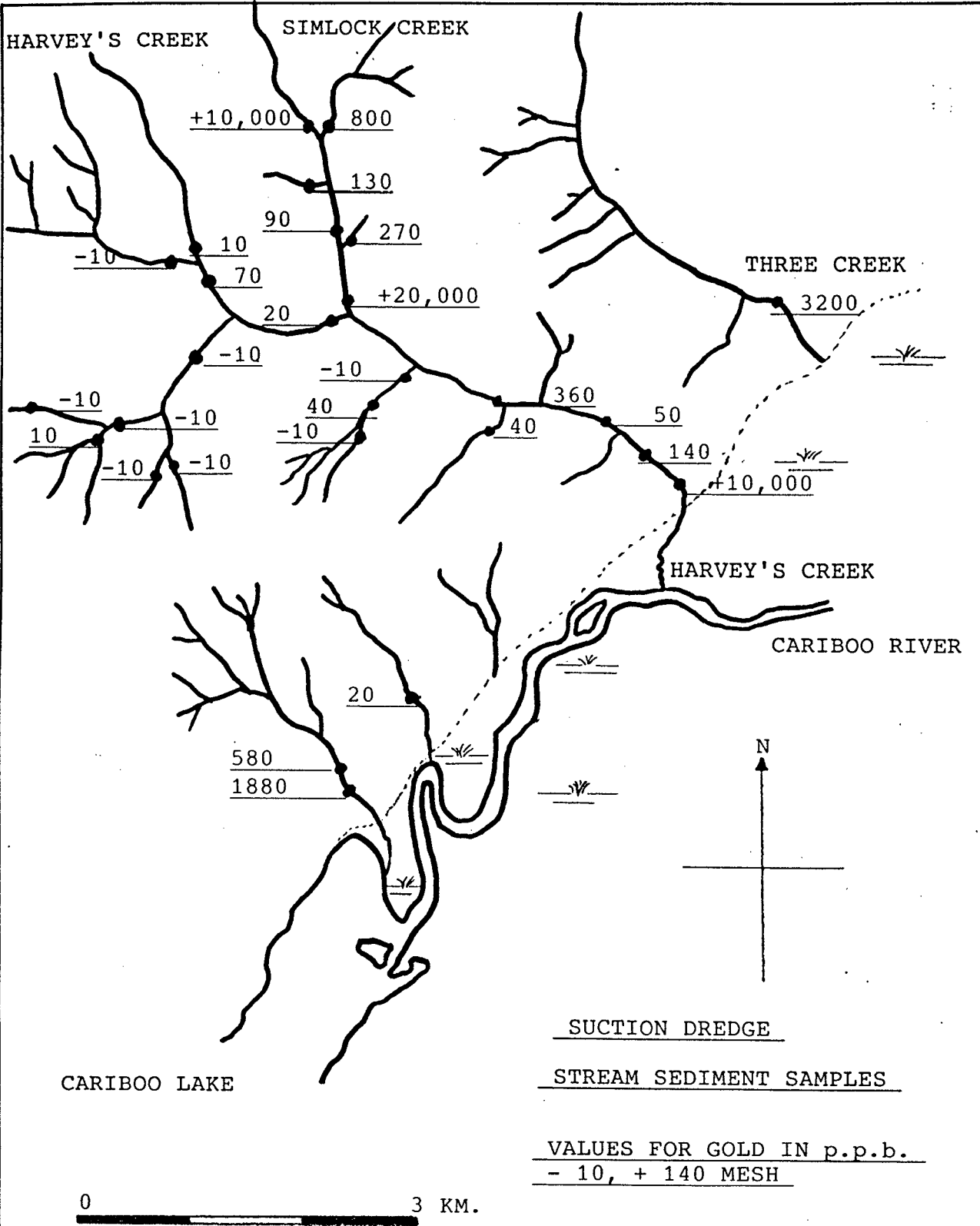
If sample DS-16 plus 140 which was extraordinarily high is removed then sample value ranges were:

lead	50 to 430	zinc	176 to 1,200
tungsten	1 to 375	silver	0.1 to 3.8

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 2949 ROSEMONT DRIVE,
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SAMPLE DESCRIPTION	Au ppb, -10,+140 FA + AA	Au ppb, -140 FA + AA
DS-1	<10	<5
DS-2	<10	15
DS-3	<10	10
DS-4	10	145
DS-5	<10	<5
DS-6	10	950
DS-7	>10000	5600
DS-8	800	550
DS-9	130	3100
DS-10	20	700
DS-11	270	3600
DS-12	90	440
DS-13	40	1500
DS-14	40	580
DS-15	3200	720
DS-16	>10000	>10000
DS-17	20	<5
DS-18	1880	3550
HDS -6B	<10	<5
13C	<10	880
18B	580	710
HDS-19	<10	<20
HDS-20	70	<10
HDS-21	<10	15
HDS-22	>20000	8000
HDS-23	360	4200
UP OC C.	50	1050
DOWN OC C	140	900

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INTERPRETATION OF RESULTS

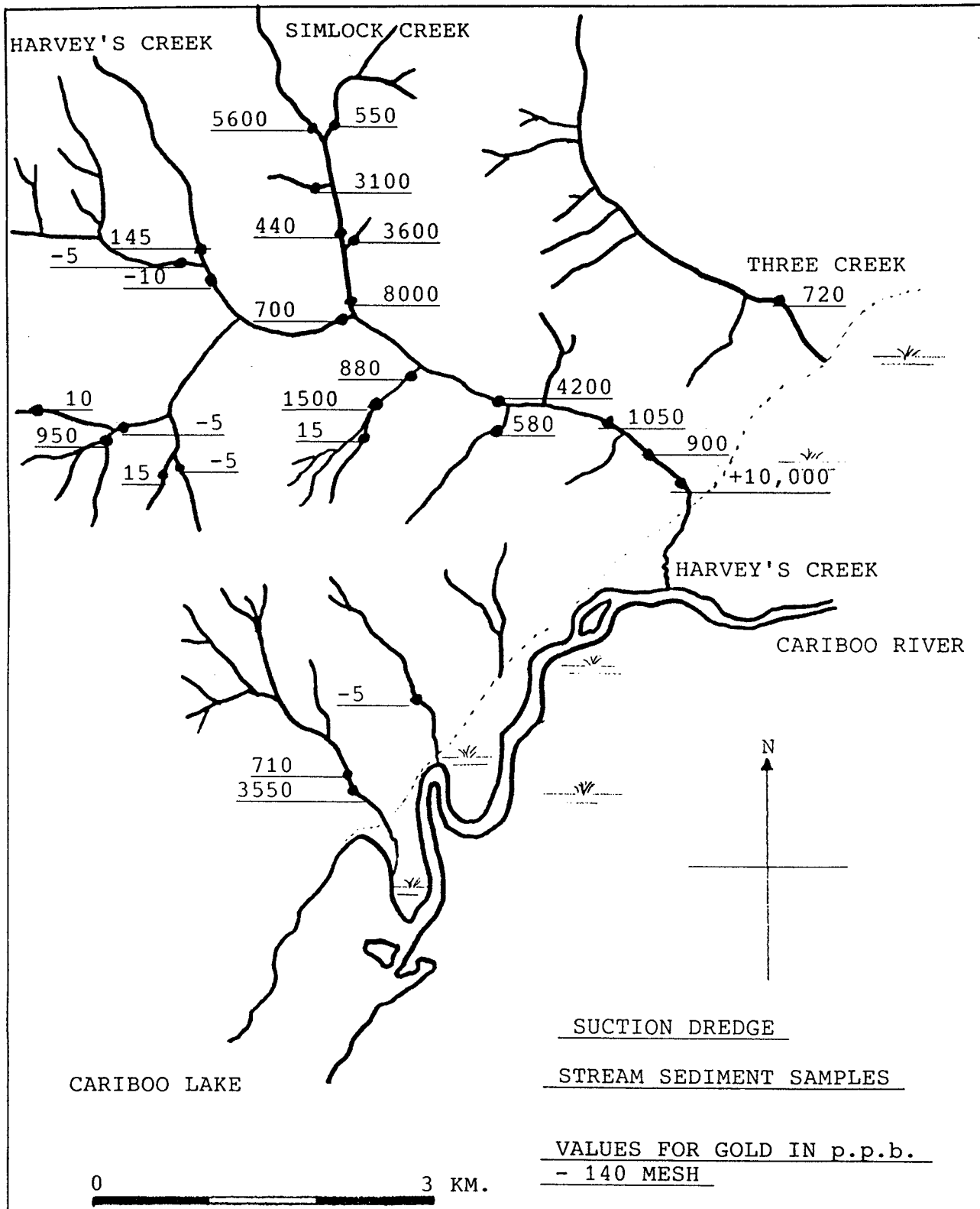
The relationship between coarse to fine, and fresh to worn gold in the placers indicates several undiscovered sources of lode gold deposits, rather than transpotation by glaciers from distant sources.

Glacial materials in the drainage contain little gold in comparison to creek gravels, lending credence to the local origin of the source lode deposits.

The plotting of the plus and minus values show a placer concentration of plus and minus 140 mesh gold values in the lower part of Harvey's Creek and another placer concentration in the mouth of Simlock Creek and in the left fork of its upper reaches.

With this removed from consideration in the search for lode deposits and attention directed to the remaining minus 140 mesh results there are several anomalous areas.

The two mid-tributaries and the stream sample at mid-point on Simlock Creek are all indicative of lode gold deposits.



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The first two tributaries on the west side of Harvey's Creek and the main stream sample between them are all indicative of lode gold deposit(s). This stream drainage was traced up and a prospectors cabin discovered. The following day the catchement basin above it was prospected and some ground sluicing trenches discovered. From a literature search this is thought to represent Property 111 on the Quesnel Lake 93A Revised Mineral Inventory Map called the Sylvain and Langis Gold Deposit. Its location was known only to the nearest two miles accuracy. Prospecting of this property will be done in the 1987 season.

The most westerly short creek was sampled twice, because of a poor sample site, and gave conflicting results which should be further checked by taking another sample upstream if possible.

Further sampling should be done up the main branch of Harvey's Creek where a sample of minus 140 ran 145 ppm.

No showings were discovered on a 950 ppb Au minus 140 sample at a poor sample site on the most southwesterly branch of Harvey's Creek.

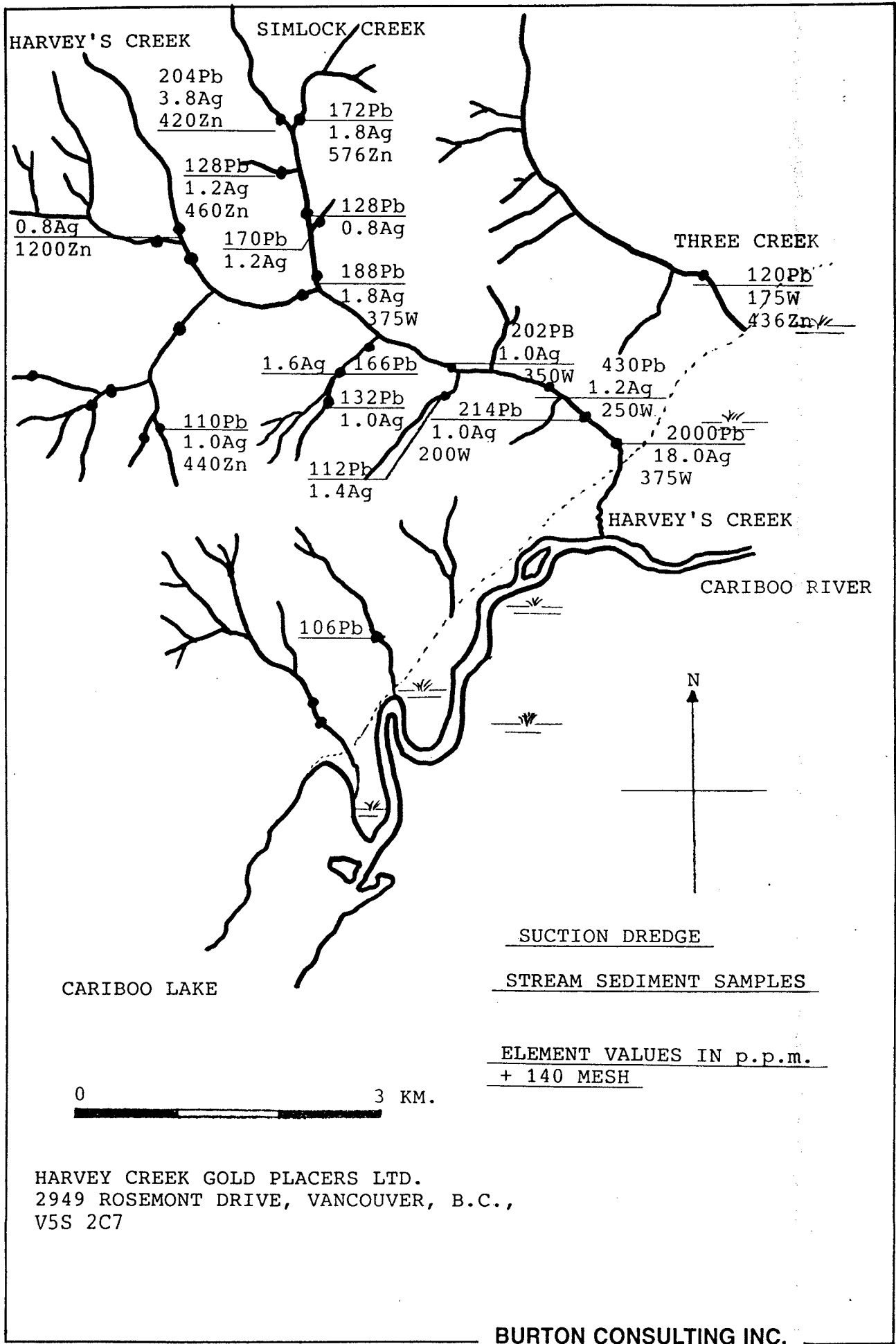
: HARVEY CREEK GOLD
 PLACERS LTD.
 2949 ROSEMONT DR.
 VANCOUVER, B.C.
 V5S 2C7

ATTN: FRANK HALLAM

+ 140

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm Aqua R	W ppm	Au ppb FA+AA
DS-1 -10+140	213	110	440	1.0	4	<10
DS-2 -10+140	213	72	260	0.2	1	<10
DS-3 -10+140	213	60	1200	0.8	1	<10
DS-4 -10+140	213	76	368	0.4	5	10
DS-5 -10+140	213	66	310	0.2	1	<10
DS-6 -10+140	213	70	320	0.2	1	10
DS-7 -10+140	213	204	420	3.8	21	>10000
DS-8 -10+140	213	172	576	1.8	60	800
DS-9 -10+140	213	50	176	1.2	65	130
DS-10 -10+140	213	80	340	0.2	7	20
DS-11 -10+140	213	170	390	1.2	28	270
DS-12 -10+140	213	128	460	0.8	9	90
DS-13 -10+140	213	166	280	1.6	42	40
DS-14 -10+140	213	112	210	1.4	1	40
DS-15 -10+140	213	120	436	0.6	175	3200
DS-16 -10+140	213	2000	244	18.0	375	>10000
DS-17 -10+140	213	106	260	0.2	3	20
DS-18 -10+140	213	94	300	0.2	14	1880
HDS -6B +140	213	52		0.1	7	<10
13C +140	213	132		1.0	60	<10
188 +140	213	62		0.4	1	580
HDS-19 +140	213	54		0.1	20	<10
HDS-20 +140	213	52		0.4	1	70
HDS-21 +140	213	100		0.4	80	<10
HDS-22 +140	213	188		1.8	375	>20000
HDS-23 +140	213	202		1.0	350	360
UP OC C. +140	213	430		1.2	250	50
OGWN OC C +140	213	214		1.0	200	140

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CONCLUSIONS

Analyzing of the plus and minus 140 mesh portions of suction dredge stream sediment samples is an effective way to separate gold in placers and that shed from deposits.

Poor sample sites give results that are indeterminate.

The many showings to the west of Harvey's Creek did not get moved easterly by the glaciers into the basin as the western edge drainage is barren.

From the placer testing pits it is known that the glacial materials are not the cause of the individual anomalies.

The areas outlined for follow up have a high chance of representing lode deposits.

RECOMMENDATIONS

The anomalies representing lode gold deposits should be followed up with prospecting.

Some more suction samples can be taken in drainages not completely sampled yet.

The placer areas outlined by the survey should be investigated. It is felt that the use of modern earthmoving equipment will enable Harvey Creek Gold Placers Ltd. to work gravels which were previously too difficult to reach.

STATEMENT OF QUALIFICATIONS

For ALEX BURTON, P. Eng.

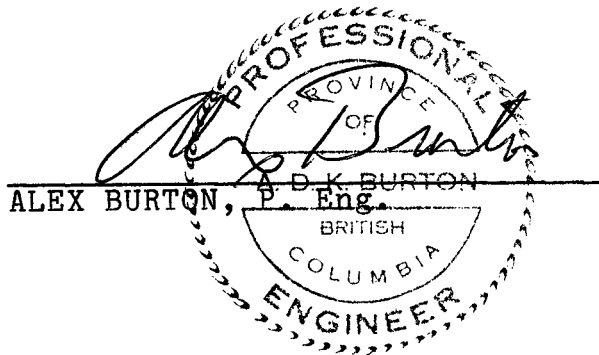
Consulting Geologist and B.A. graduate of the University of British Columbia.

Professional Engineer registered with the Association of Professional Engineers with the Province of British Columbia. Registration number 6262.

Member of the Association of Exploration Geochemists and a practicing Geochemist.

Fellow of the Geological Association of Canada.
Member of the Canadian Institute of Mining and Metallurgy.

I visited the property and personally supervised the exploration work for Harvey Creek Placers Ltd. covered in this report.



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GEOCHEMICAL SURVEY, HARVEY'S AREA

STATEMENT OF COSTS FOR 1986 FIELD WORK

Labour:

F. Hallam - manager @ \$100/day	
1/ May - 31 May 13 days	
1/June - 15 June 9 days	\$ 2200.00
T. Hallam - helper @ \$100/day	
1/May - 31/May 13 days	
1/June - 15 June 2 days	\$ 1500.00
B.Crockford - sampler @ \$205/day	
1/June - 15 June 8 Days	\$ 1640.00
A. Burton, P.Eng. Geochemist @ \$425/day	
3/June 1 day	
14/June 1 day	
August 4.5 days - field work	
Interpretation and report 4.7 days	\$ 4760.00
Equipment rental 1- 2" Keene suction	\$ 200.00
Camp accomodation \$ 30 X 51.5 days	\$ 1545.00
Travel expenses	\$ 375.00
Laboratory analysis	\$ 670.85
Miscellany	<u>\$ 800.00</u>
TOTAL	\$13,690.85

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STATEMENT OF COSTS FOR 1986 PHYSICAL WORK

Labour:

F.Hallam - manager @ \$100/day
12/ July - 31 July 20 days
1/ August - 31 August 20 days \$ 4000.00

T. Hallam - helper @ \$100/day
1/July - 31 July 20 days
1/August - 31 August 20 days \$ 4000.00

Contracts:

D. 8 Caterpillar bulldozer
46 hours @ \$110.00/ hour \$ 5060.00

Hauling Case 580 C backhoe @ \$ 60/hour \$ 450.00

580 C Backhoe @ \$1800 / month \$ 2400.00

Falling on road right of way and trench sites
Baraara Clairino @ \$200/day \$ 200.00

D 9 Caterpillar bulldozer clearing overburden
\$ 100/hour \$ 100.00

Equipment purchased:

Steel plate \$ 325.00
Springs and axles \$ 80.25
Trailer hitch \$ 41.86
3" pump \$ 1491.56
Hydraulic ram and pump \$ 445.85
Couplings \$ 142.31
Contract labour for assembly \$ 1674.00
Miscellany \$ 100.00

Accomodation:

Camp trailer and supplies @ \$30/man/day
56.5 days \$ 1995.00

Travel:

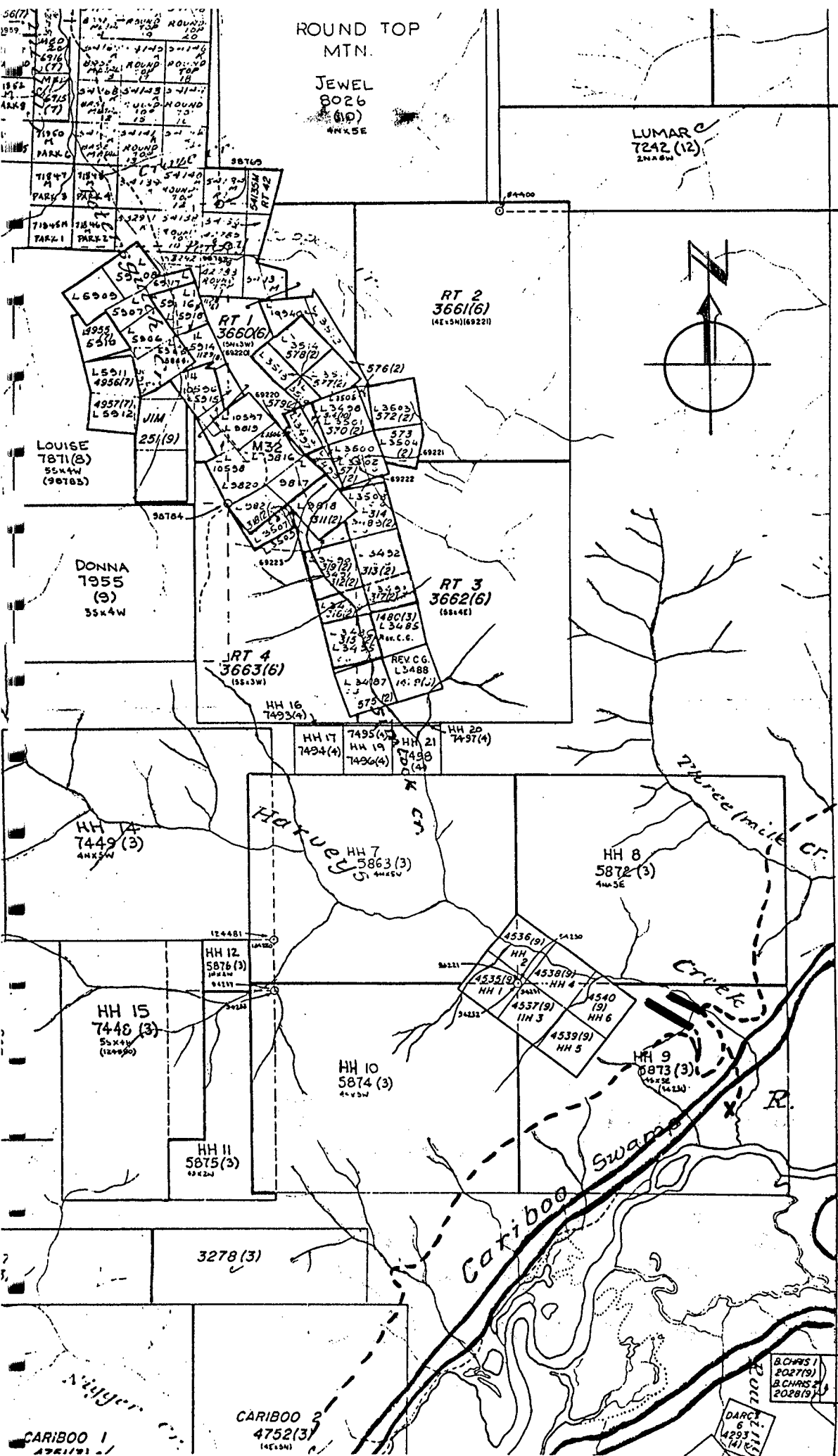
Vanouver - Williams Lake
16 trips @ \$98.00/return trip \$ 1568.00

Fuel:

Diesel 100 gal @ \$ 1.66/gal \$ 1661.10
Gasoline \$ 1000.00

TOTAL \$ 26734.93

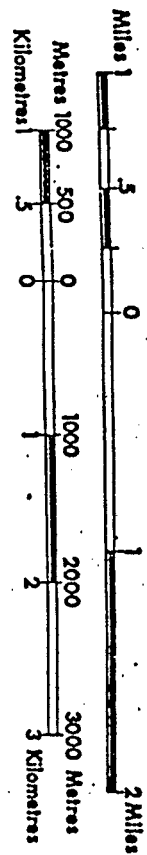
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MAP # 93A/14W

TO SEE MAP 93A/14E

- = ROADS
 - == AREAS OF PHYSICAL WORK
 - == TRENCHING
- LEGEND
- CROWN-GRANTED MINERAL CLAIM
 - REVERTED C.O. MINERAL CLAIM
 - FORFEITED MINERAL CLAIM
 - VERIFIED LEGAL CORNER POST
 - LEGAL SURVEY
 - LEGAL CORNER POST - TAG NUMBER 01234

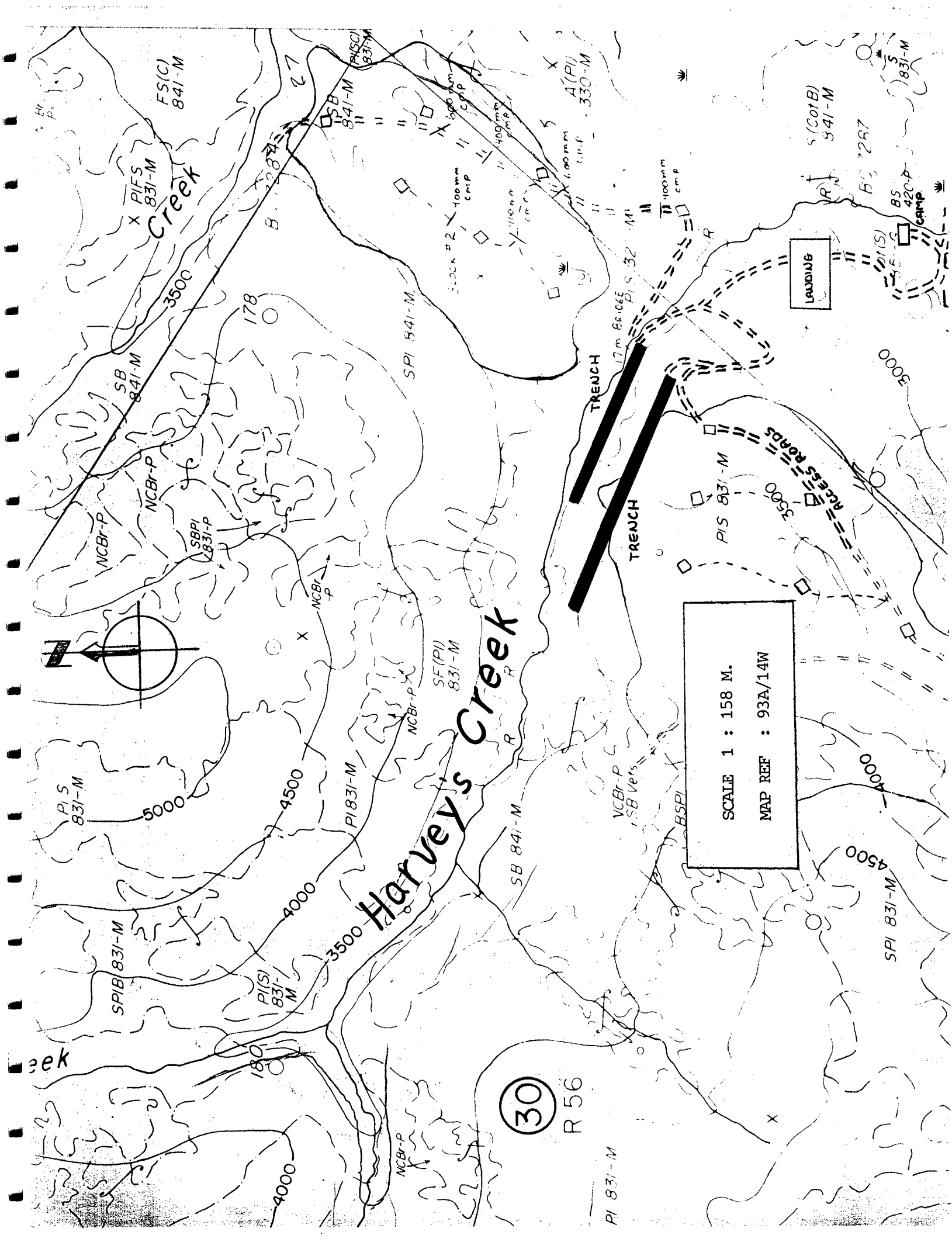


Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,862



Harvey's Creek

SCALE 1 : 158 M.
MAP REF : 93A/14W

30
R 56

LAUNCHING

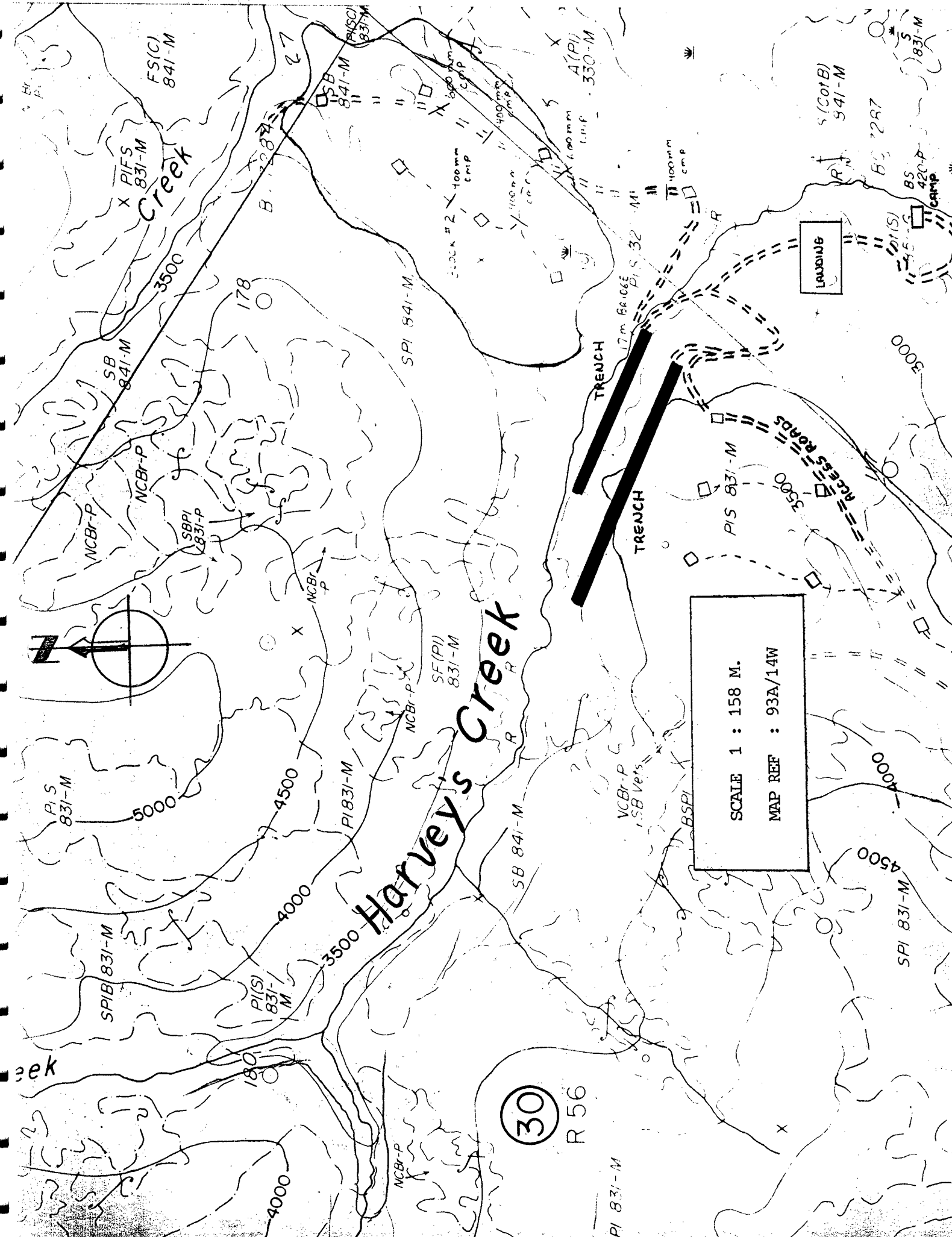
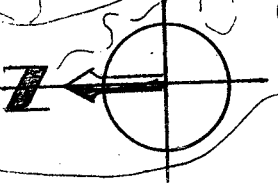
CAMP

TRENCH

TRENCH

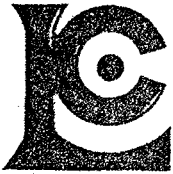
Creek

reek



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Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : HARVEY CREEK GOLD
PLACERS LTD.
2949 ROSEMONT DR.
VANCOUVER, B.C.
V5S 2C7

** CERT. # : A8418592-001-
INVOICE # : I8418592
DATE : 19-DEC-84
P.O. # : NONE

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm	Au ppb FA+AA		
201	205	12	88	0.1	<5	--	--
202	205	7	22	0.1	<5	--	--
203A	205	277	105	2.1	345	--	--
203B	205	3850	280	21.0	180	--	--
203C	205	5920	21	38.0	365	--	--
203D	205	407	570	2.0	30	--	--
203E	205	1930	730	10.0	130	--	--
203F BLACK	205	175	71	1.4	5	--	--
203FQ	205	111	107	1.0	20	--	--

DUPLICATE



Certified by



CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER B.C
CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : HARVEY CREEK GOLD
PLACERS LTD.
2949 RCSEMNT DR.
VANCOUVER, B.C.
V5S 2C7

** CERT. # : A8413064-001-A
INVOICE # : 18413064
DATE : 7-JUL-84
P.C. # : NONE

Sample description	Prep code	Pb %	Zn %	Ag oz/T		Au oz/T	
				RUSH	FA	RUSH	FA
#HD-100	236	N.S.S.	N.S.S.	1.58	0.020	--	--

DUPLICATE



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Phone: (604) 984-0221

Telex 043-52597

CERTIFICATE OF ANALYSIS

TO : HARVEY CREEK GOLD PLACERS LTD.

2949 ROSEMONT DR.
VANCOUVER, B.C.
V5S 2C7

CERT. # : A3619598-001-A
INVOICE # : 18619598
DATE : 27-CCT-86
P.O. # : NONE

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm Aqua R	Au ppb FA+AA		
AQPF GAL	205	>10000	3100	62.0	1950	--	--
AQPF HGST	205	650	53	0.5	<5	--	--
AQPF LOOSE	205	>10000	76	<1.0	130	--	--
UPSTRM BWN PIT	205	155	46	0.5	<5	--	--
LWR GSSN BWN PIT	205	32	65	0.1	115	--	--

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TO : HARVEY CREEK GOLD
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VANCOUVER, B.C.
V5S 2C7

CERT. # : A8613468-001-A
INVOICE # : I8613468
DATE : 26-JUN-86
P.C. # : NONE

ATTN: FRANK HALLAM

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm Aqua R	W ppm	Au ppb FA+AA	
DS-1 -10+140	213	110	440	1.0	4	<10	--
DS-2 -10+140	213	72	260	0.2	1	<10	--
DS-3 -10+140	213	60	1200	0.8	1	<10	--
DS-4 -10+140	213	76	368	0.4	5	10	--
DS-5 -10+140	213	66	310	0.2	1	<10	--
DS-6 -10+140	213	70	320	0.2	1	10	--
DS-7 -10+140	213	204	420	3.8	21	>10000	--
DS-8 -10+140	213	172	576	1.8	60	800	--
DS-9 -10+140	213	50	176	1.2	65	130	--
DS-10 -10+140	213	80	340	0.2	7	20	--
DS-11 -10+140	213	170	390	1.2	28	270	--
DS-12 -10+140	213	128	460	0.8	9	90	--
DS-13 -10+140	213	166	280	1.6	42	40	--
DS-14 -10+140	213	112	210	1.4	1	40	--
DS-15 -10+140	213	120	436	0.6	175	3200	--
DS-16 -10+140	213	2000	244	18.0	375	>10000	--
DS-17 -10+140	213	106	260	0.2	3	20	--
DS-18 -10+140	213	94	300	0.2	14	1880	--
NG NUMBER10+140	213	68	1020	0.2	2	10	--

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TO : HARVEY CREEK GOLD
PLACERS LTD.
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VANCOUVER, B.C.
V5S 2C7

** CERT. # : A8613469-001-A
INVOICE # : I8613469
DATE : 18-JUN-86
P.O. # : NONE

ATTN: FRANK HALLAM

Sample description	Prep code	Au ppb FA+AA						
DS-1 -140	214	<5	--	--	--	--	--	--
DS-2 -140	214	15	--	--	--	--	--	--
DS-3 -140	214	10	--	--	--	--	--	--
DS-4 -140	214	145	--	--	--	--	--	--
DS-5 -140	214	<5	--	--	--	--	--	--
DS-6 -140	214	950	--	--	--	--	--	--
DS-7 -140	214	5600	--	--	--	--	--	--
DS-8 -140	214	550	--	--	--	--	--	--
DS-9 -140	214	3100	--	--	--	--	--	--
DS-10 -140	214	700	--	--	--	--	--	--
DS-11 -140	214	3600	--	--	--	--	--	--
DS-12 -140	214	440	--	--	--	--	--	--
DS-13 -140	214	1500	--	--	--	--	--	--
DS-14 -140	214	580	--	--	--	--	--	--
DS-15 -140	214	720	--	--	--	--	--	--
DS-16 -140	214	>10000	--	--	--	--	--	--
DS-17 -140	214	<5	--	--	--	--	--	--
DS-18 -140	214	3550	--	--	--	--	--	--
NO NUMBER -140	214	<5	--	--	--	--	--	--

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TO : HARVEY CREEK GOLD
PLACERS LTD.
2949 ROSEMONT DR.
VANCOUVER, B.C.
V5S 2C7

CERT. # : A8613942-001-A
INVOICE # : 18613942
DATE : 23-JUN-86
P.C. # : NONE

ATTN: FRANK HALLAM

Sample description	Prep code	Au FA oz/T				
DS-16-140	214	0.930	--	--	--	--

MOI rev. 4/85

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TO : HARVEY CREEK GOLD PLACERS LTD.

2949 ROSEMONT DR.
VANCOUVER, B.C.
V5S 2C7

CERT. # : A8616328-001-A
INVOICE # : I8616328
DATE : 22-AUG-86
P.C. # : NONE

Sample description	Prep code	Pb ppm	Ag ppm Aqua R	W ppm	Au ppb FA+AA		
HDS -68 +140	213	52	0.1	7	<10	--	--
13C +140	213	132	1.0	60	<10	--	--
188 +140	213	62	0.4	1	580	--	--
HDS-19 +140	213	54	0.1	20	<10	--	--
HDS-20 +140	213	52	0.4	1	70	--	--
HDS-21 +140	213	100	0.4	80	<10	--	--
HDS-22 +140	213	188	1.3	375	>20000	--	--
HDS-23 +140	213	202	1.0	350	360	--	--
UP OC C. +140	213	430	1.2	250	50	--	--
DOWN OC C +140	213	214	1.0	200	140	--	--
HDS -68 -140	214	--	--	--	<5	--	--
13C -140	214	--	--	--	880	--	--
188 -140	214	--	--	--	710	--	--
HDS-19 -140	214	--	--	--	<20	--	--
HDS-20 -140	214	--	--	--	<10	--	--
HDS-21 -140	214	--	--	--	15	--	--
HDS-22 -140	214	--	--	--	2000	--	--
HDS-23 -140	214	--	--	--	4200	--	--
UP OC C. -140	214	--	--	--	1050	--	--
DOWN OC C. -140	214	--	--	--	900	--	--

Hart Bichler

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