

Assessment Report
Sovereign Gold PC 1965

Latitude: 52° 59' 10" Longitude 122° 02' 30"

21657



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) Geological - Placer	TOTAL COST \$800.00
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AUTHOR(S) Harold F. Cowan SIGNATURE(S) Harold F. Cowan

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED June 19, 1991 YEAR OF WORK 1991

PROPERTY NAME(S) Sovereign Gold

COMMODITIES PRESENT AU

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 45

MINING DIVISION Cariboo MTS 93 B 16 E

LATITUDE 52° 59' 10" LONGITUDE 122° 02' 30"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Sovereign Gold PC1965

OWNER(S)

(1) Harold F. Cowan (2)

MAILING ADDRESS

1120, 520-5th Avenue South West
Calgary, Alberta T2P 3R7

OPERATOR(S) (that is, Company paying for the work)

(1) G.K. Crick (2)

MAILING ADDRESS

R.R. #3, Rawlings Road
Quesnel, British Columbia

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and stricture):

Surface gravel, Pleistocene inage: gravel ranges in size from cobble to
fine sand.

REFERENCES TO PREVIOUS WORK

TY: WO
THIS REPORT

EXTE F W
(IN METRIC UNITS)

ON WHICH CLAIMS

CC
APPORTIONED

GEOLOGICAL (scale, area)	Sample out crops (3) on Cr��ek bank	PC 1965	\$200.00
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	Sample 3 out crops	PC1965	\$600.00
Petrographic	Longtom, screen and pan		
Mineralogic	samples		
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/gird (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
TOTAL COST			\$800.00

FOR MINISTRY USE ONLY

NAME OF PAC ACCOUNT

DEBIT

CREDIT

REMARKS:

Value work done (from report)

Value of work approved

Value claimed (from statement)

Value credited to PAC account

Value debited to PAC account

Accepted Date

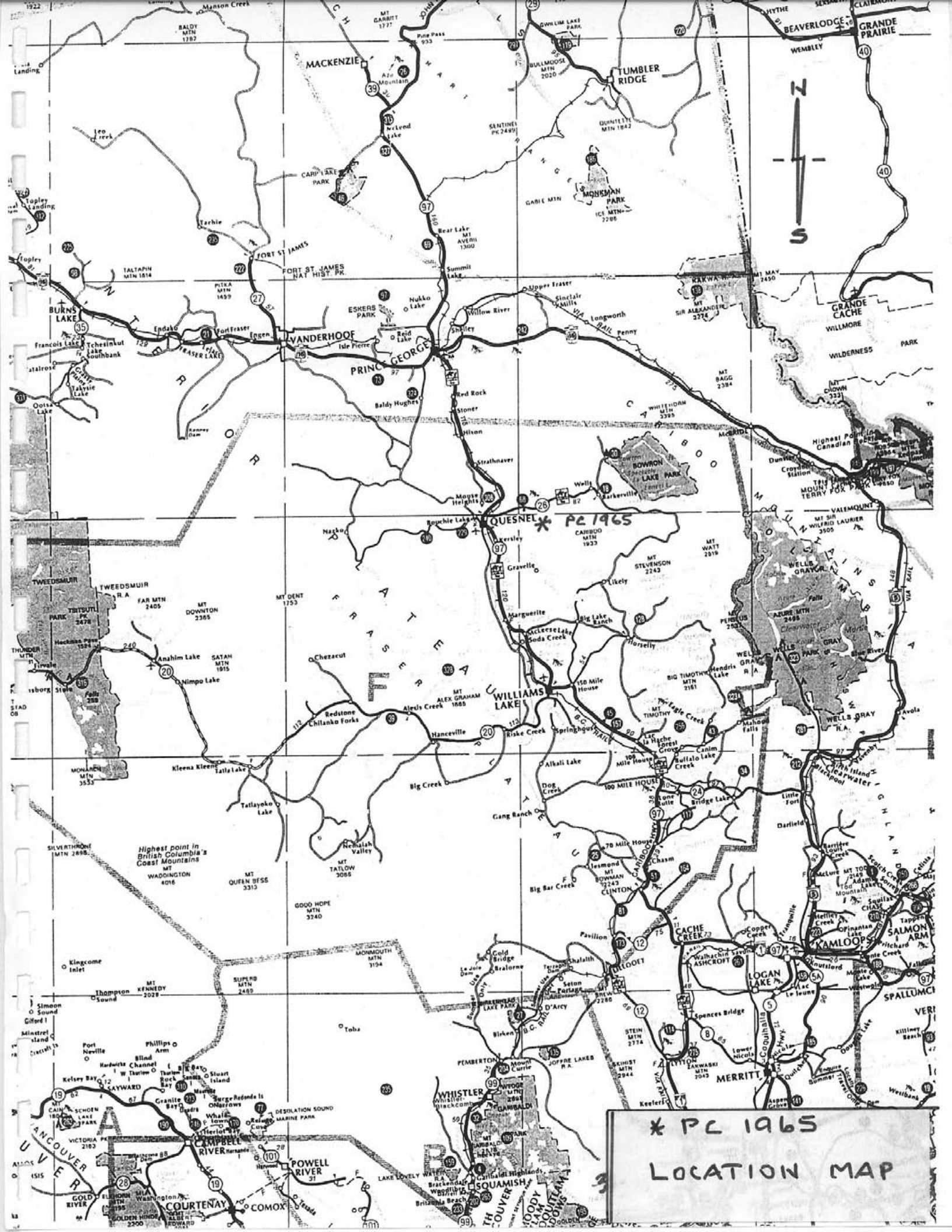
Rept. No.

Information Class

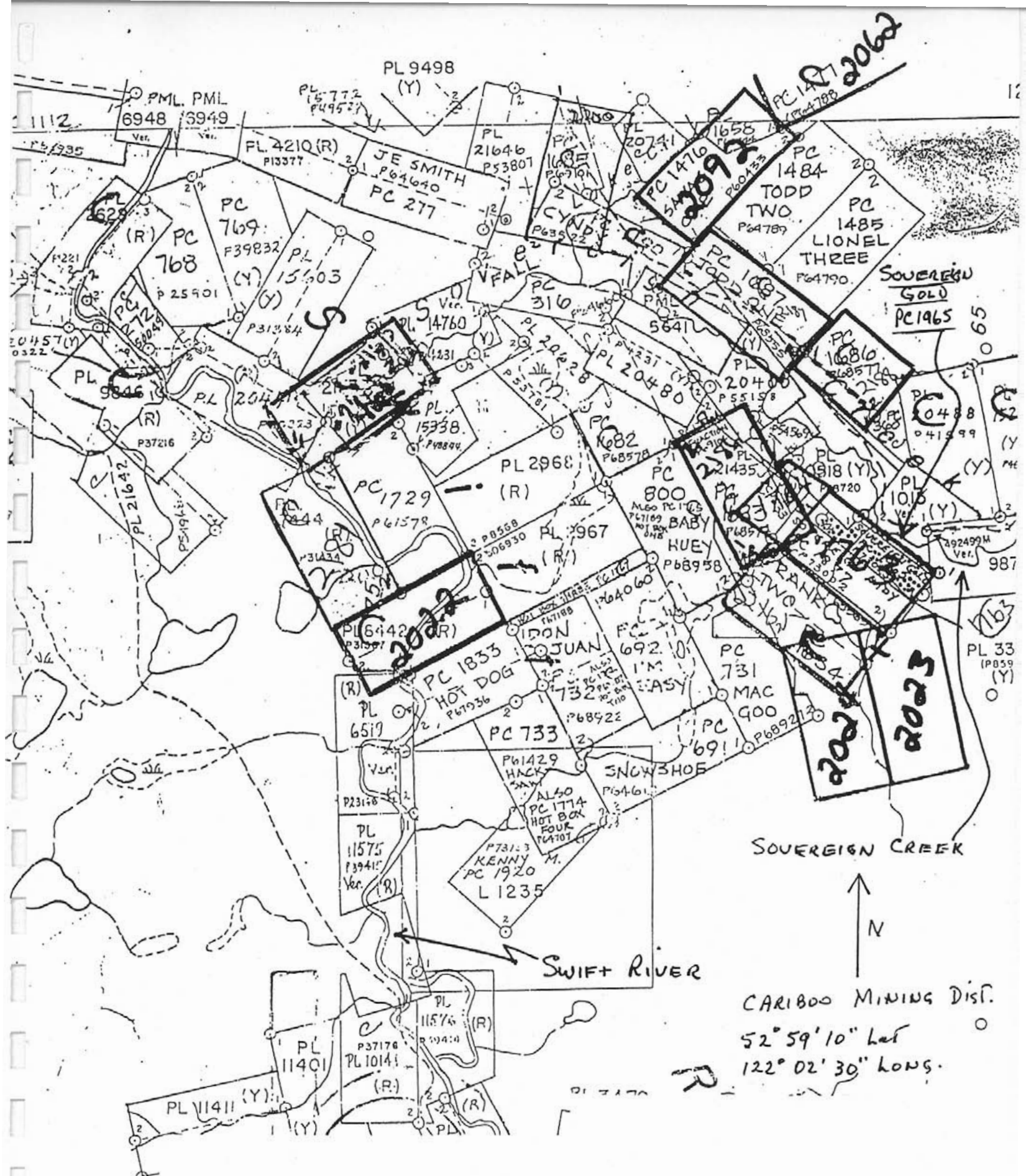
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FILE NO:	



* PC 1965
LOCATION MAP



CHAIN MAP
 SOVEREIGN CREEK, BC
 CARIBOO MINING DISTRICT
 PC 1965 - SOVEREIGN GOLD

Scale 1 - 31,680

4.

CARIBOO MINING DIST.
 52° 59' 10" Lat
 122° 02' 30" Long.

LITTLE WOODY RESOURCES INC.
1120, 520 - 5 Avenue S.W.
Calgary, Alberta
T2P 3R7

EVALUATION REPORT WITH RECOMMENDATIONS
PLACER CLAIM - SOVEREIGN GOLD - PC 1965
SOVEREIGN CREEK PROJECT
CARIBOO MINING DISTRICT, B.C.
LATITUDE 52° 59' 10"
LONGITUDE 122° 02' 30"

This report has been prepared to complete a surface evaluation of the claim by the writer. The object of the assessment was to examine the physical and sedimentary aspects of the claim and to make a recommendation as to how this claim should be further evaluated. An examination of the results indicates the claim to have considerable merit and further exploration should proceed as soon as practical.

Location and Access

The claim is located on the south bank of Sovereign Creek and immediately north of the 13A11 marker post on the 13A road. This location is reached by travelling south from the intersection of Hwy. 26 (Barkerville Hwy.) and the Swift River Forestry service road (1300 road) which occurs some 4 kms east of the Cottonwood Store on Hwy. 26.

From the intersection, travel 3 kms south and east on the 1300 road to the intersection of the 1300 road with the 13A road. Turn right (south) on 13A and travel roughly 8 kms to the 13A11 marker.

Discussion

This claim is staked in a general NW-SE direction and covers a good portion of the land lying between Sovereign Creek on the north and the 13A road to the south, just north of the 13A11 marker post.

A majority of this claim has been logged making access very simple. A traverse of the area as shown on the data map, page __, shows the majority of the surface to be comprised of glacial gravels consisting of fine to coarse sand with larger angular constituents comprised of quartz, basalt and schists. Only the extreme NE portion is not composed of glacial gravels.

This area has been mined and now comprises a lower flat area containing an abundance of boulders and gravel derived from the old surface mining project. Just to the south of this dump is an E-W trending bench having a fairly steep north face resulting from the mining process. Along this bench edge are three areas which have been mined and/or trenched previously and are easily accessed. Parts of these trenches which lie in an E-W direction were sampled, and for the purpose of this report will be designated trench A-B-C, starting with A on the west side. This area is detailed in Figure 1 below which is a schematic drawing showing the points of interest on the claim.

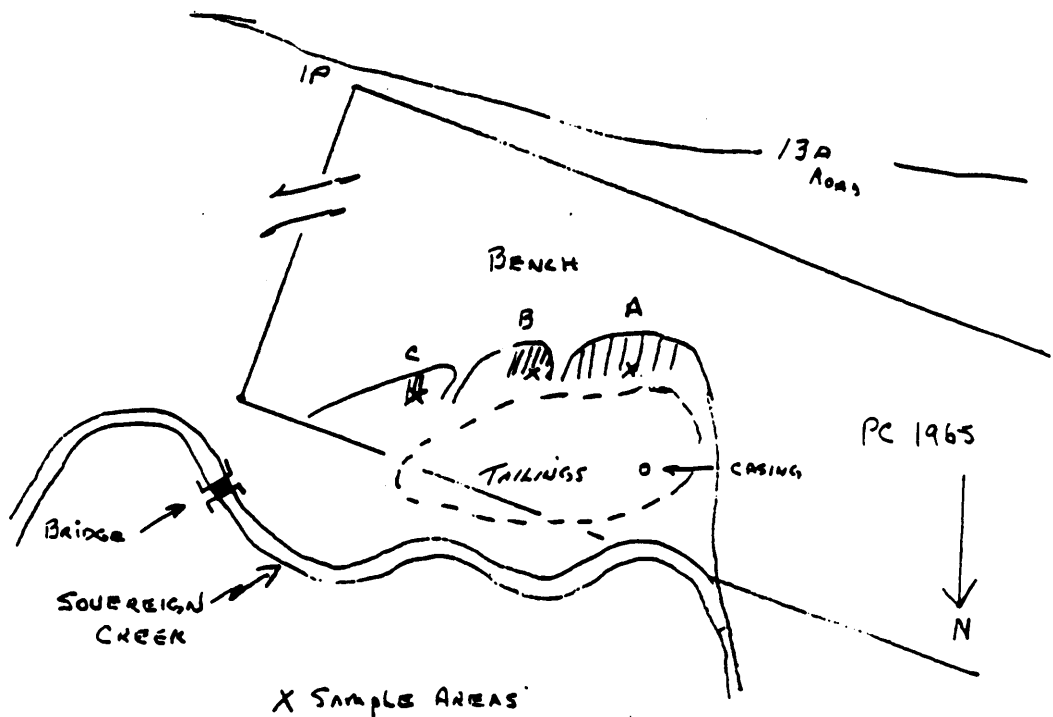


Fig. 1 A schematic drawing of PC 1965 showing location of trenches A-B-C. The view is to the south, from the south bank of SOVEREIGN CREEK.

Figure 1 A schematic drawing of PC 1965 showing location of trenches A, B and C. The view is to the south, from the south bank of Sovereign Creek.

The trenched areas, while of different depths, all exhibit similar stratigraphy, having four distinct layers, which in descending order are:

1. top soil;
2. glacial gravel;
3. fine grained silt (1-1.5 m thick); and
4. stratified gravel consisting of sand, pebbles and rounded boulders ranging from small to 60 cms in size.

Samples were taken at each trench from the lower boulder gravel interval and after screening, long tomming and panning gave up 4.6 grams of gold. A schematic cross-section East-West detailing the lithology and thickness of the trenches A, B and C is shown below.

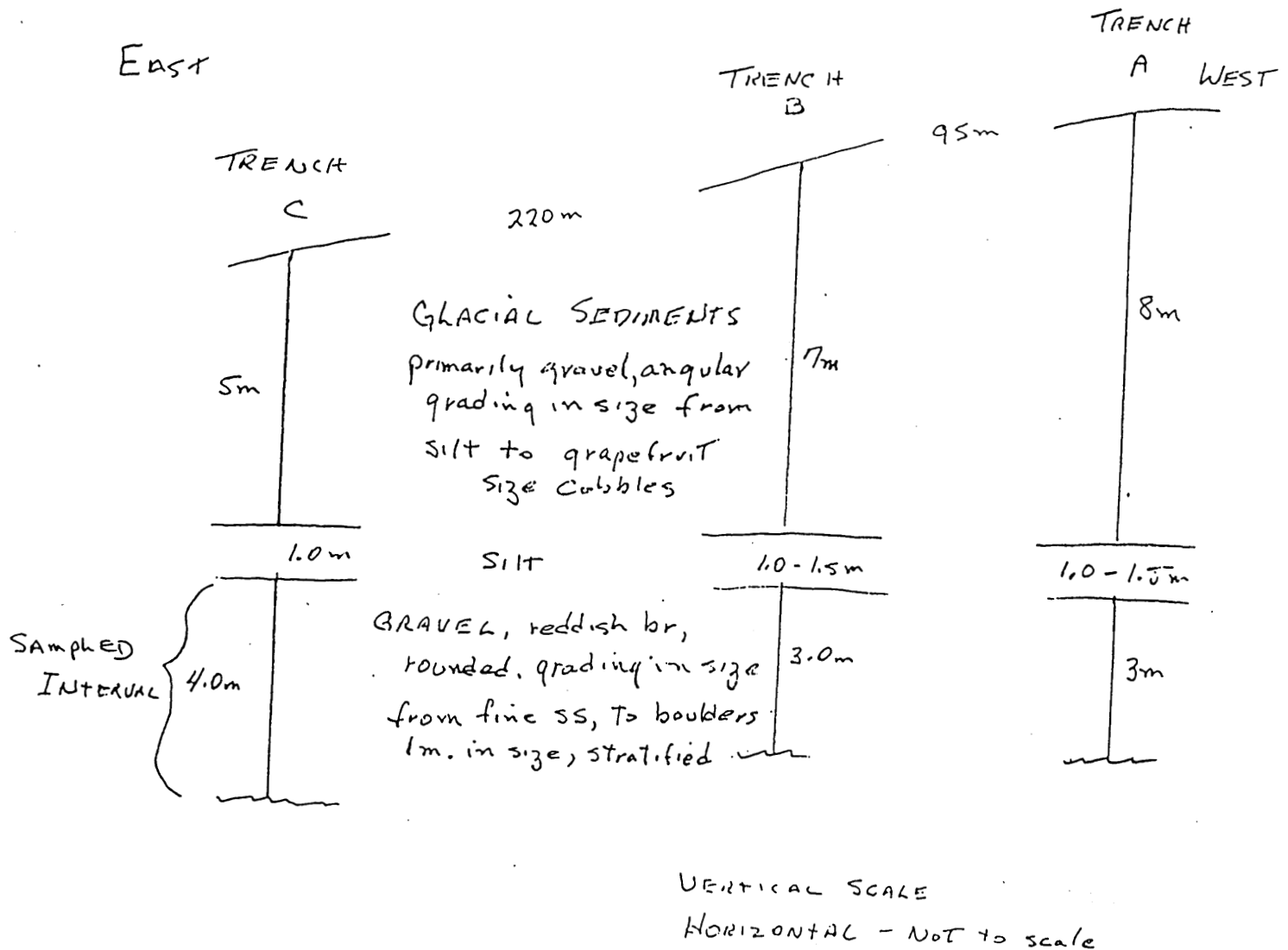


FIG. 2 Cross-section East-West location of trenches
bed thickness and lithology.

Also located between the Creek and trench A is a drill hole which was cased, and was reportedly 7-8 meters deep and penetrated bed rock after drilling roughly 6 metres of gravel.

Conclusions and Recommendations

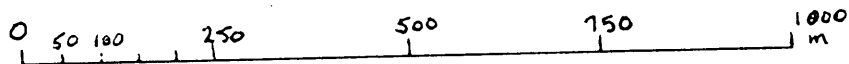
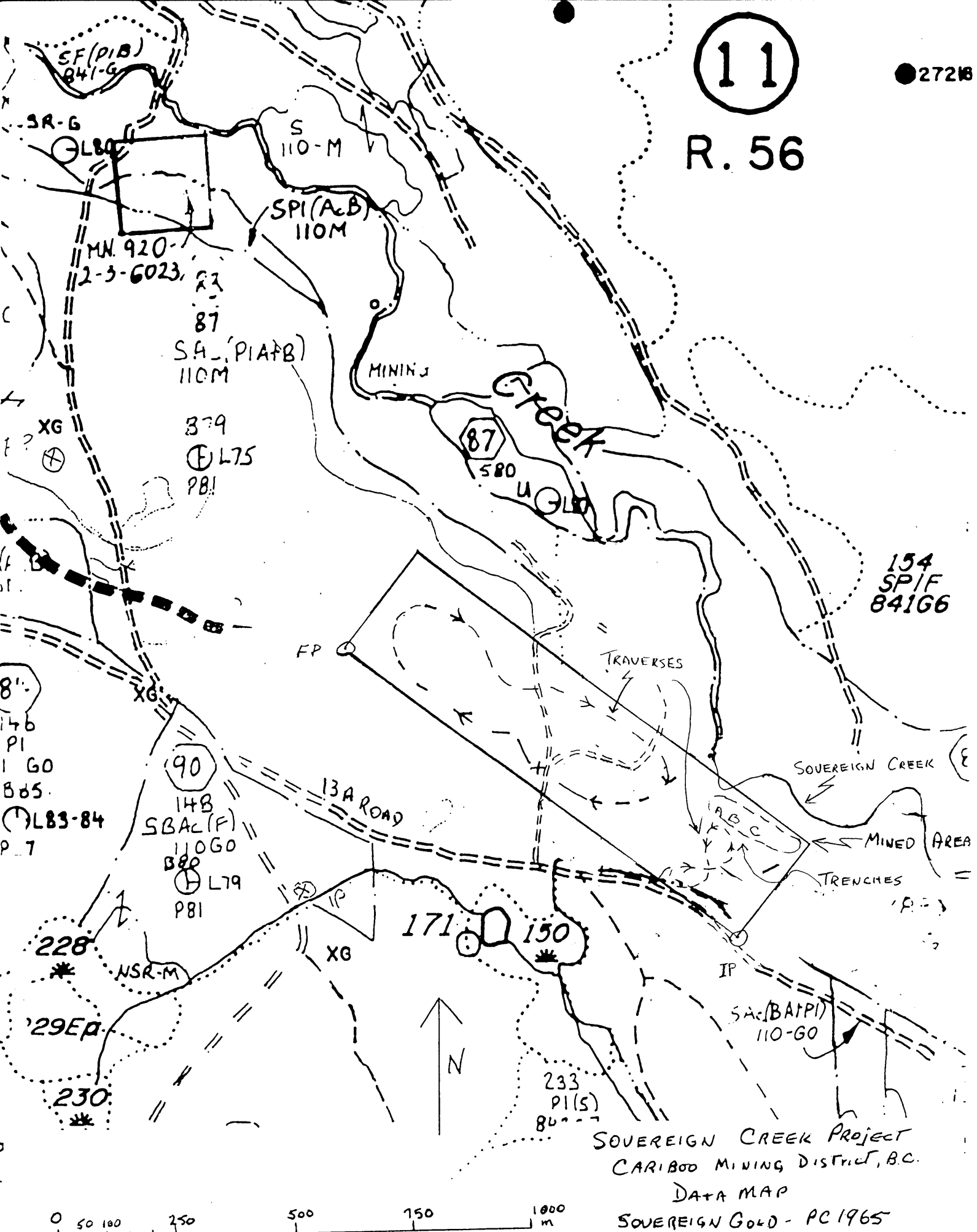
All available data points to the presence of a considerable thickness of gold bearing gravels underlying the glacial gravels of PC 1965.

Due to the relatively thick sequence of glacial gravels, as seen in the trenches, it is recommended that a substantial drill program be undertaken to prove the ariel extent and thickness of both the gold bearing gravels and the overlying glacial sediments. The surface gravels should also be closely checked for gold content as they have produced in the area and would help pay for a stripping program which will ultimately be required.

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R. 56



Scale 1:10,000

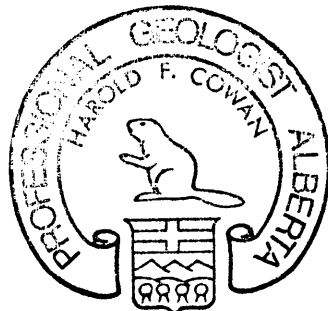
SOVEREIGN CREEK PROJECT
 CARIBOO MINING DISTRICT, B.C.
 DATA MAP
 SOVEREIGN GOLD - PC 1965

STATEMENT OF QUALIFICATIONS

I, HAROLD F. COWAN, of Calgary, in the Province of Alberta,
DO HEREBY CERTIFY THAT:

1. I am President of Little Woody Resources Inc. with offices at 1120, 520-5th Avenue S.W., Calgary, Alberta, Canada.
2. I am a graduate of the Colorado College, Colorado Springs, Colo. U.S.A., with a Bachelor of Science Degree in Geology.
3. I am a member in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, Member #26534. My primary employment since 1955 has been in the field of mineral and petroleum exploration.
4. My experience has encompassed a wide range of geological environments resulting in considerable familiarization with exploration techniques required for the evaluation of mineral deposits.
5. This report is based on field data generated during June of 1991 by the writer.

DATED at Calgary, Alberta this 16th day of September, 1991.



Harold F. Cowan
Harold F. Cowan