12,778

GEOLOGICAL AND PROSPECTING
ASSESSMENT REPORT

on the

Cariboo-Likely Project jun, jul, Aug, etc claims

Located near

Likely B.C., Cariboo Mining Division

NTS: 93A/11W, 12E

Latitude: 52° 40'N
Longitude:121° 30'W

Field Work Between April 30, 1984 and July 30, 1984

OWNER AND OPERATOR:

Mt. Calvery Resources Ltd.
1027-470 Granville St.
Vancouver, B.C. V6C 1V5

A.J. Schmidt, P.Eng.
Oct. 17, 1984
Vancouver, B.C.

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APPENDICES

1. INTRODUCTION

A comprehensive program of geological mapping, prospecting, backhoe trenching and sampling was carried out on the large (553 unit) Likely project of Mt. Calvery Resources during May, June and July 1984. This was in addition to the extensive line cutting, geochemical sampling, and ground geophysical surveys which were completed and reported upon by earlier assessment reports.

Geologists traversed and mapped approximately 200 km of grid, covering about 2/3 of the claims area. As well, almost all Legal Corner Posts were located and tied into the grid, corner posts and I.D. posts were (re)established, and almost all boundary lines re-blazed and re-flagged.

An experienced, professional prospector explored the known showings and prospected the geochemical and geophysical anomalies that were located. Where backhoe trenching of anomalies was successful in reaching bedrock, that bedrock was systematically sampled and assayed.

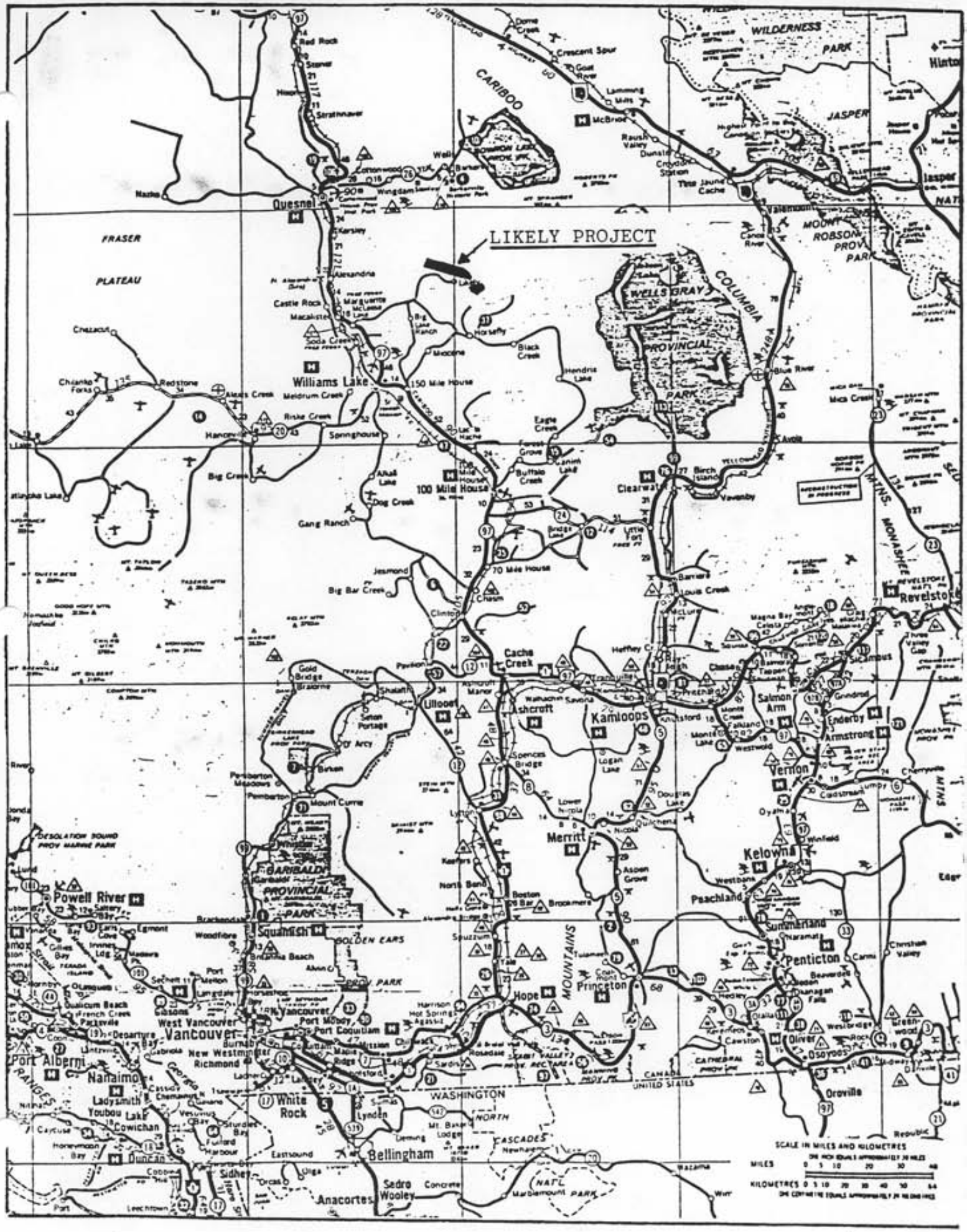
The results of these programs are discussed and the costs detailed within this report. All work was done under the direct supervision of the writer.

2. LOCATION AND ACCESS

The property is located immediately adjacent to the village of Likely, and extends from Boswell Lake in the south to Kangaroo Creek in the north. Quesnel Lake and Quesnel River form the approximate southwestern boundary to the property (Figures 1 and 2).

The area is readily accessible from Highway 97 at 150 Mile House by 75 km of all-weather paved and gravel road to Likely. All-weather gravel roads lead from Likely to Quesnel Forks, Keithley Creek and Spanish Lake through the central portion of the property. Numerous logging roads, which vary from good two-wheel-drive roads to overgrown walking trails, provide ready access to all of the claims with the exception of the JUN 6-9 claims within the Kangaroo Creek drainage. A hand-operated cable car crossing at Quesnel Forks provides some access to the area north of the Cariboo River.

Elevations vary from 604 m at Quesnel River to 1500 m on the MARCH 1 claim.



LOCATION OF LIKELY PROJECT - FIGURE 1

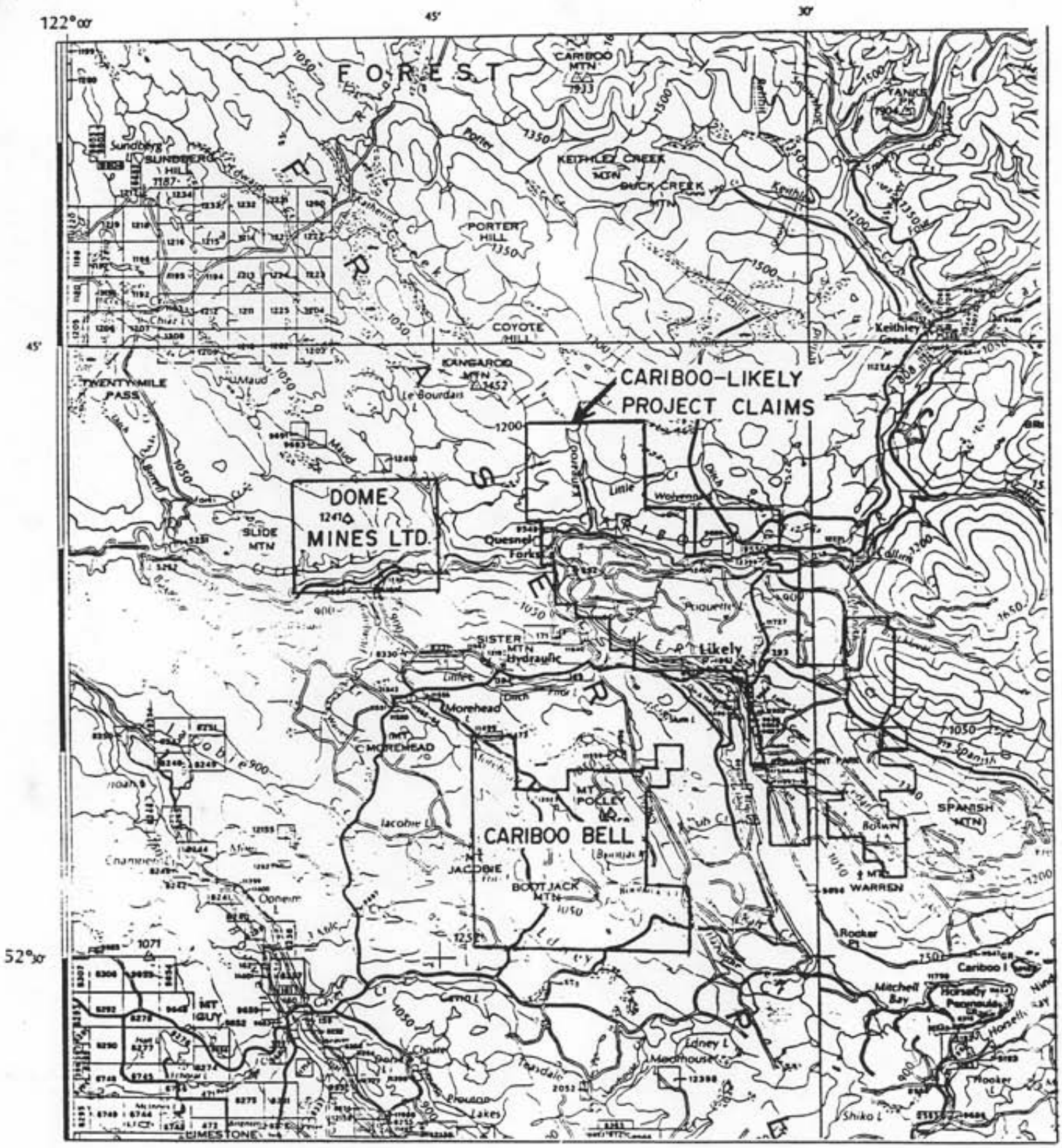


FIGURE 2

MT. CALVERY RESOURCES LTD.

LOCATION OF CLAIMS

MAP: 93A/12E, 11W SCALE 1:250,000

3. CLAIMS AND CLAIM GROUPS

Mt. Calvery Resources presently owns (by Bill of Sale) 525 mineral claim units and has letters of Agreement covering an additional 28 units. These 553 units are presently contained within 8 groups for filing assessment work. This report describes work completed (geological mapping, prospecting, sampling, trenching) over all 8 claim groups (Figure 3).

Pertinent claims data are listed in the following table:

CLAIM SUMMARY AS AT SEPTEMBER 26, 1984

Claim Name	Record No.	Recording Date	Due Date	No. of Units
AST	5101	Sept. 6, 1983	Sept. 6, 1987	20
AUG 1	1149	Aug. 31, 1979	Aug. 31, 1988	6
CENTRE	6207	June 5, 1984	June 5, 1985	4
CPW	4541	Nov. 1, 1982	Nov. 1, 1993	4
DE 1	5624	Dec. 14, 1983	Dec. 14, 1984	1
DOWN	6206	June 5, 1984	June 5, 1985	4
DUG	999	May 22, 1979	May 22, 1986	12
DAVE FR.	6182	June 22, 1984	June 22, 1988	1
E 2	4321	May 17, 1982	May 17, 1987	6
EASY 1	877	Nov. 2, 1978	Nov. 2, 1987	20
3	879	Nov. 2, 1978	Nov. 2, 1987	15
4	880	Nov. 2, 1978	Nov. 2, 1986	20
5	881	Nov. 2, 1978	Nov. 2, 1987	6
6	923	Dec. 7, 1978	Dec. 7, 1987	20
7	1007	May 23, 1979	May 23, 1987	20
EJL	4592	Nov. 25, 1982	Nov. 25, 1988	2
GAP	6302	July 26, 1984	July 26, 1985	2
HEP FR.	6309	June 29, 1984	June 29, 1988	1
J 1	4406	July 29, 1982	July 29, 1986	10
J 2	4407	July 29, 1982	July 29, 1986	10
JUL 1	1852	Aug. 8, 1980	Aug. 8, 1987	9
JUN 6	1794	July 7, 1980	July 7, 1985	20
7	1795	July 7, 1980	July 7, 1985	20
8	1796	July 7, 1980	July 7, 1986	20
9	1797	July 7, 1980	July 7, 1986	20
10	1798	July 7, 1980	July 7, 1987	18
11	1799	July 7, 1980	July 7, 1986	18
JUNE	1050	June 28, 1979	June 28, 1986	20
LAKE 1	3994	Aug. 24, 1981	Aug. 24, 1987	8
MARCH 1	1531	Mar. 17, 1980	Mar. 17, 1987	20
2	1532	Mar. 17, 1980	Mar. 17, 1987	4
MARH 3	5898	Mar. 14, 1984	Mar. 14, 1985	1
MARK FR.	6183	June 22, 1984	June 22, 1988	1
NOB 1	5389	Nov. 12, 1983	Nov. 12, 1987	6
NOR 1	5386	Nov. 12, 1983	Nov. 12, 1987	1
NORE 1	5387	Nov. 12, 1983	Nov. 12, 1987	6

(Cont'd)

Claim Summary as at September 26, 1984 (Cont'd)

Claim Name	Record No.	Recording Date	Due Date	No. of Units
NOV 4	1366	Dec. 12, 1979	Dec. 12, 1987	20
5	5388	Nov. 12, 1983	Nov. 12, 1986	15
6	5390	Nov. 12, 1983	Nov. 12, 1986	20
7	5391	Nov. 12, 1983	Nov. 12, 1986	8
NOVR 1	5554	Nov. 29, 1983	Nov. 29, 1986	12
2	5571	Dec. 2, 1983	Dec. 2, 1986	8
PESO B	488	Sept. 21, 1977	Sept. 21, 1985	18
E	491	Sept. 21, 1977	Sept. 21, 1985	6
RIDGE	6308	June 29, 1984	June 29, 1985	16
ROSE 1	3993	Aug. 24, 1981	Aug. 24, 1986	2
2	3992	Aug. 24, 1981	Aug. 24, 1986	12
3	4196	Dec. 15, 1981	Dec. 15, 1986	15
4 FR	4197	Dec. 15, 1981	Dec. 15, 1986	1
TOWN	6205	June 5, 1984	June 5, 1985	4
TY	1051	June 29, 1979	June 29, 1987	20
			TOTAL	553 Units

GROUPING OF CLAIMS

Kangaroo Group
Jun 6
Jun 7
Jun 8
Jun 9
Rose 1
Rose 2

Boswell Group
Jul 1
J 1
J 2

Rose Group
June
Dug
Rose 3
Rose 4 FR
Novr 1
Novr 2
Ast 1
Nob 1
Nore 1

Murderer Group
Easy 4
Easy 6
Easy 7
Nov 6
Nov 7
Marh 3

Peso Group
Peso B
Peso E

Airstrip Group
Easy 1
E 2
Easy 3
Easy 5
Ty
EJL
Aug 1
Lake 1
Dave Fr
Mark Fr
Hep Fr

Spanish Group
Nov 4
March 1
March 2
Jun 10
Jun 11
Nov 5
Nor 1
Gap

Ungrouped
DE 1
Town
Down
Centre
Ridge
CPW

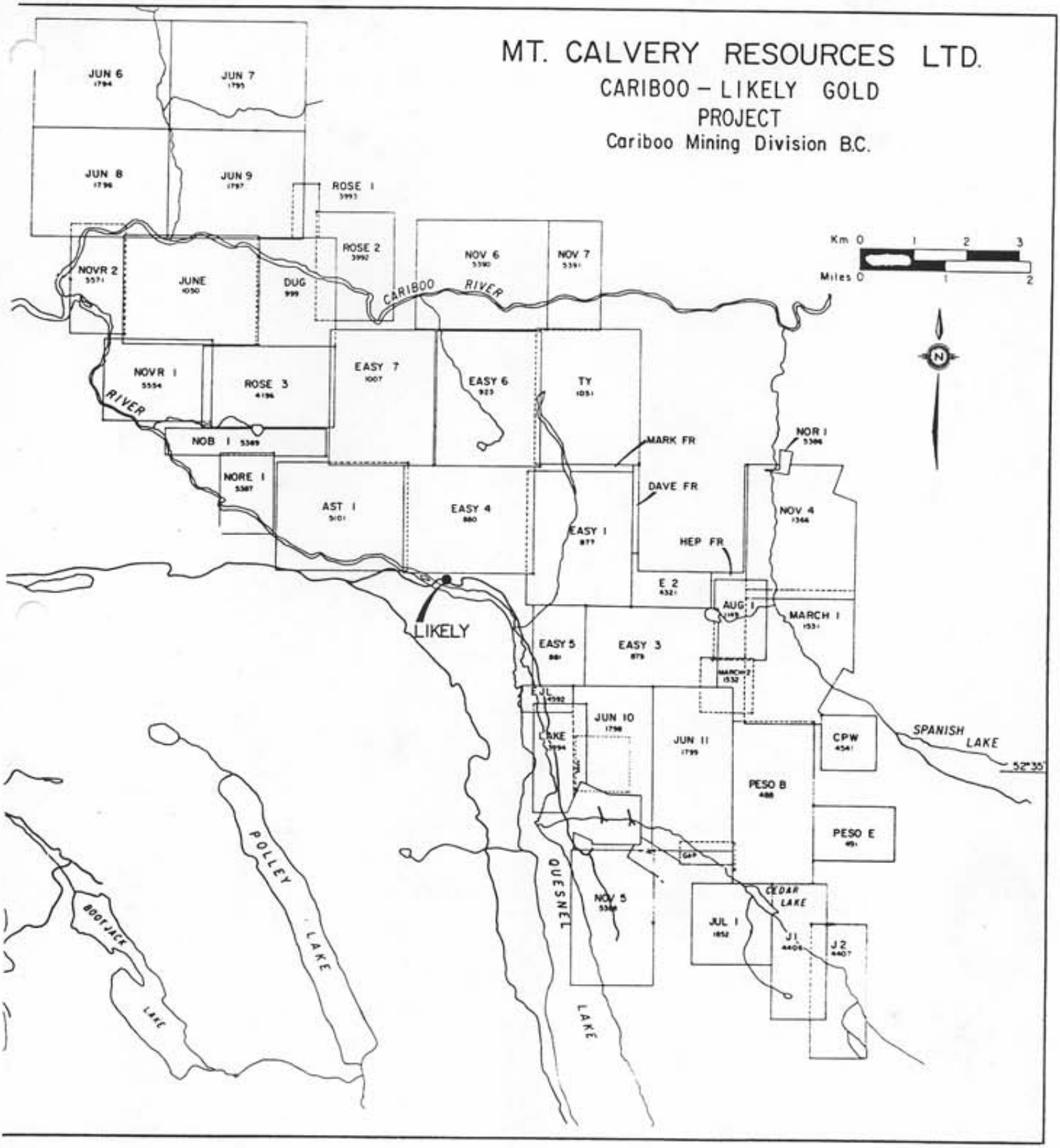

MT. CALVERY RESOURCES LTD.
CARIBOO – LIKELY GOLD
PROJECT
Cariboo Mining Division B.C.
JUN 6
JUN 7
JUN 8
JUN 9
ROSE 1
ROSE 2
NOV 6
NOV 7
NOVR 2
JUNE
DUG
CARIBOO RIVER
Km 0 1 2 3
Miles 0 1 2
NOVR 1
ROSE 3
EASY 7
EASY 6
TY
RIVER
NOB 1
MARK FR
NOR 1
NORE 1
AST 1
EASY 4
DAVE FR
NOV 4
EASY 1
HEP FR
E 2
AUG 1
MARCH 1
LIKELY
EASY 5
EASY 3
JUN 10
JUN 11
CPW
SPANISH LAKE
52°35'
PESO B
PESO E
POLLEY LAKE
BOOTJACK LAKE
QUESNEL LAKE
NOV 5
CEDAR LAKE
JUL 1
J1
J2

Figure 3

4. HISTORY OF THE PROPERTY

"The first gold discovery in the Cariboo was in mid 1859 on the Horsefly River about 20 km south of the Likely Project. By late 1859, numerous miners were working shallow diggings on gravel bars around the junction between the Cariboo and Quesnel Rivers. Subsequent discoveries of richer placer deposits at Keithley Creek in 1860 and then the bonanza of Williams Creek in 1861 attracted a stampede of men through the area.

Quesnel Forks townsite was laid out by the Royal Engineers in 1861, and remained the main supply centre for the Cariboo until 1865 when the Cariboo Wagon Road was completed via Quesnel and Lightning Creek.

Placer mining in the Quesnel Forks region is discussed in detail by Cockfield and Walker (1933), and is summarized as follows:

1) Shallow workings were mined on the gravel flat around the Quesnel Forks townsite where gold was found on certain clay layers. Glaciofluvial bench gravels were also productive along the Cariboo River.

2) High level gravels from buried channel deposits on bed-rock were worked on a large scale at the Bullion Mine hydraulic operation 5 km downstream from Likely. Another high level old channel deposit was worked along lower Morehead Creek, 13 km downstream from Quesnel Forks.

3) Recent bar gravels on the Quesnel River were deposited from small tributary creeks cutting the old high level channel. Gravels in the small tributary creeks were also extensively mined.

4) Apparently eluvial (residual) concentrations of gold were found in Cedar Creek and Poquette Creek Valley.

The famous Bullion Mine operated from 1894 to 1905, when somewhat over 12 million yards of Pleistocene gravels were processed to yield $1,233,936.51. More recently, the Bullion Mine was operated on a smaller scale between 1933 and 1942.

Placer gold has been found in all creeks draining the Likely Project claims. The most notable production came from Cedar Creek, Likely Gulch, Gold Creek, Rose Gulch and Spanish Creek.

Recent exploration has resulted in the discoveries of the Cariboo Bell porphyr copper-gold deposit on Mount Polley and Dome Mines' Quesnel River Gold Deposit between lower Maud Creek and Slide Mountain. A significant

proportion of the gold in the placer deposits in the Likely area probably originated from similar types of bedrock mineralization." (Richardson, 1983)

Gold-bearing quartz veins were first discovered on Spanish Mountain in 1933, and a limited amount of underground development work done in 1938. Trenching and drilling of the quartz veins was again performed in 1947.

Prospector R. E. Mickle began acquiring claims in the Likely area in 1977 and almost all of the claims now held by Mt. Calvery Resources in the Cariboo-Likely Project are subject to underlying agreements with Mr. Mickle.

Silver Standard Mines completed a soil geochemical survey in the Gold Creek area in 1978 and drilled 4 diamond drill holes, but then relinquished their option agreement with Mickle. Aquarius Resources Ltd. acquired most of the Likely area claims from Mickle in 1980, and later that year were partnered with Carolin Mines Ltd. Carolin, as operator, completed an airborne EM survey and magnetometer survey in early 1981, and then completed three geochemical grids over anomalous areas of interest in late 1981. A minor amount of trenching was completed in 1982. Aquarius completed geochemical surveys and trenching on the PESO claims in 1979, 1981.

Carolin Mines purchased Aquarius' interest in the Likely area claims in 1982.

Mt. Calvery Resources and Carolin Mines completed a joint venture agreement covering the Likely area claims in January, 1984, with Mt. Calvery acting as operator. Several fractional claims were found and staked by Mt. Calvery during the course of their 1984 field work.

5. 1984 WORK PROGRAM

The following geological work was completed by personnel of Mt. Calvery Resources during May, June and July 1984, on the 'Cariboo-Likely' project:

a) Geological mapping, scale 1:5000, and accompanied by rock geochemical sampling of approximately 2/3 of the claims area.

b) Detailed prospecting and sampling of known showings, geochemical and geophysical anomalies.

c) Backhoe trenching and sampling in bedrock of several mineralized prospects.

d) Re-establishment of Legal Corner Posts, Corner Posts and Identification Posts of most claims, and re-blazing and re-flagging of boundary lines. LCP's tied into survey grid.

None of this work was carried out on the Kangaroo Group of 94 units because of the lack of ground access, north of the Cariboo River.

6. REGIONAL GEOLOGY

The Geological Survey of Canada Open File Report No. 574, by R.B. Campbell (1978) at 1:125,000 scale, provides an excellent overview of the regional geology of the Quesnel Lake area. The 'Cariboo-Likely' property is situated along the eastern margin of the Quesnel Trough, which comprises sequences of volcanic and sedimentary rocks of Upper Triassic to Lower Jurassic age which were deposited in an island arc environment. The most widespread rock types are Upper Triassic alkaline, augite porphyry basalt and andesite and coeval plutons which host alkalic porphyry copper-gold prospects. These volcanics grade easterly into block sedimentary rocks (phyllites, greywackes) which overlie Upper Paleozoic rocks of the Slide Mtn. Group. Rocks of the Quesnel Trough are usually only weakly deformed. The eastern phyllite facies, exposed near Spanish Lake, has been moderately deformed, probably as a result of the eastward thrusting of the Intermontane Belt onto the Omineca Belt.

7. PROPERTY GEOLOGY

The property (see Figures 4-10) straddles the contact zone of black sedimentary rocks (phyllites, siltstones, greywackes, etc.) to the east, with alkalic volcanic rocks (basalts, andesites, tuffs, agglomerates) to the west. Outcrop is sparse due to a thick mantle of glacial till. Best exposures are found along road cuts and creek canyons. The volcanic-sedimentary contact zone trends northwesterly, from the north side of Cedar Lake, through the southern end of Poquette Lake.

The following paragraphs describe each mappable rock unit, numbered as they are shown on the Geological plans.

1) Black Shale - shiny grey to black weathering. Locally rusty, very fissile and phyllitic. Includes some fine-grained argillaceous siltstones. Unit includes carbonate, graphite, and pyrite-rich horizons.

2) Grey Siltstone - grey to rusty weathering. Unit includes beds of rusty, pyritic non-fissile shale (argillite) and fine to coarse-grained greywacke.

3) Tuffaceous Greywacke - green weathering, green to greenish grey, fine to coarse, angular sand-sized detritus of intermediate composition. Outcrops are massive to laminated, often calcareous, and locally pyritic.

5) Poquette Creek Diorite - grey weathering; fine to coarse-grained hornblende-biotite diorite. Non to weakly magnetic, containing local disseminated pyrite and pyrrhotite up to 4%.

5a) Grogan Creek Monzonite - dark grey weathering; dark green, medium-grained, equigranular monzonite. Unit contains up to 4% magnetite with minor pyrite and epidote.

5b) Sub-volcanic diorite-monzonite. Similar to Grogan Creek monzonite except texture is highly variable from porphyritic with aphanitic matrix, to porphyritic with fine-grained to seriate matrix.

6) Augite Porphyritic Basalt Flow-Breccia, Massive Basalt and Non-fragmental Porphyritic Andesite.

Basalt Flow Breccia - beige to orange weathering; dark green, fragmental, sub-rounded augite porphyritic basalt with fragments up to 30 cm. Fragments may be wholly or partly volcaniclastic; calcareous and locally amygdaloidal.

Massive Basalt - orange weathering, dark green.

Porphyritic Andesite - pale green weathering; greyish-green hornblende and locally plagioclase phenocrysts in aphanitic matrix.

7) Polymictic Conglomerate, Greywacke and Shale.

8) Volcaniclastic Breccia - light greyish green weathering; fragments are light grey, matrix is dark grey. Fragments are angular, range up to 5 cm, metrix supported and have intrusive to volcanic textures.

10) Alteration Zones - orange weathering, light grey with dark grey to black fractures. Consist of strongly carbonatized and silicified volcanics and/or sediments and contain up to 10% fine-grained pyrite (average 2%), as well as quartz veinlets.

Units 1, 2 and 3 occur east of Poquette Lake, and north of Cedar Lake. They are best exposed in the trenched (mineralized) areas on the CPW claim on Spanish Mountain.

The Poquette Creek diorite is poorly exposed in logging road cuts along the west side of Poquette Creek, opposite the mouth of Gold Creek, and was observed in several backhoe pits on the plateau to the west. It appears to have caused propylitic alteration of the surrounding tuffs and sediments.

The Grogan Creek Monzonite is poorly exposed in the incised gullies of Grogan and Fisher Creeks.

Units 6 and 8 underlie most of the plateau west of Poquette Lake to Quesnel Forks. Outcrop is very poor.

The sedimentary rocks of Unit 7 are best seen in road cuts above Quesnel Forks and Likely. They appear to be in fault contact with the enclosing volcanics.

Unit 10 (alteration zones) is a distinctive unit, which has been previously described as being rhyolitic to dacitic dikes. It appears however, to be a strong alteration overprint of either volcanics of sediments, and may be structurally controlled.

Structures are generally poorly exposed, with the exception of many strong faults seen in the large road cuts along, and south of Poquette Lake. The north-south-trending valleys of Kangaroo Creek, Poquette Creek and Spanish Creek are presumed to be the surface expression of zones of weakness. Northwest-trending faults, parallel to the regional strike, are suspected to occur along Murderer Creek and Cedar Creek.

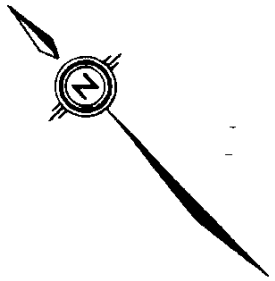
8. MINERALIZATION

The following paragraphs briefly describe each mineralized area, beginning at the northern end of the property.

a) LK prospect (see Figure 11) - L447N, 63+00W

An old hand pit exposed altered (epidote, carbonate, silica) basalt with 1-2% disseminated pyrite, and a weak stockwork of quartz veinlets. Chip sample 6217 across 4.0 metres assayed 535 ppb Au, while a grab sample (6218, 15 sq. m) returned 3100 ppb Au.

Three backhoe trenches, spaced about 30 metres apart, were dug to bedrock, and systematically sampled by the author. Although exposing a very strongly altered (carbonate, quartz) east-west-trending fault zone, about 5-10 metres wide, only low gold values were obtained (max. 580 ppb Au). The area was covered by an IP survey in May, but no anomalous values were obtained. The area is geochemically anomalous for gold, and the data support the idea of an E-W shear zone. It is doubtful if the full width of the shear has been exposed, as each trench was stopped by deep swampy conditions to the north. The recovery of placer gold from this



L 447 N

63W

63+50 W

PIT
GRAB SAMPLES RANGE IN VALUE 1380 to 7100 ppb GOLD (reported by GODFREY, 1979)

CHIP SAMPLE - 4.0m, 535 p.p.b. GOLD.

x GRAB SAMPLE 3100 p.p.b. GOLD

p.p.b. GOLD

FAULT ZONE

AUGITE BASALT, QUARTZ CALCITE VEINLETS

WESTERN TRENCH
- EXPOSED HIGHLY ALTERED (CARBONATE & EPIDOTE) BASALT WITHIN ZONE.

CENTRAL TRENCH
- EXPOSED INTENSELY SILICIFIED AND CARBONATIZED BASALT.

EASTERN TRENCH
- EXPOSED MODERATELY ALTERED CARBONACEOUS BASALT WITHIN ZONE.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

A. Schmidt
Oct. 19/84

LEGEND:

7
60
40
BACKHOE TRENCH SHOWING GOLD ASSAYS (ppb)

0 5 10 20 METRES

MT. CALVERY RESOURCES LTD.

CARIBOO - LIKELY GOLD PROJECT
CARIBOO M.D. - B.C.

LK PROSPECT
PLAN OF TRENCHES

BY: AJS / r.w.r.
DATE: SEPT. 1984

FIGURE 11

drainage, to the west, has been reported, and the area warrants further detailed investigation.

b) Gold Creek Zone (see Figure 6)

Two intersecting quartz-filled shear zones are exposed at the mouth of Gold Creek, just east of Poquette Creek. One trends north-south, the other strikes east-west. Both are steeply dipping to vertical. The enclosing rocks are highly altered, siliceous volcanic tuffs or volcanoclastics with 1-3% pyrite.

The east-west shear zone can be traced from the west bank of Poquette Creek, in diorite, easterly into Gold Creek canyon - for a strike length of approximately 500 metres. Values range from 85 to 240 ppb Au at the eastern exposures and 100 ppb at the western exposure, to a maximum of 0.128 oz/ton gold over 9.0 metres along the cliff face. Visible gold can be found along the walls of the small (1-10 cm) quartz veinlets which occupy the shear zone.

The north-south shear zone is only exposed along the north bank of Gold Creek. Values range up to 0.067 oz/ton Au over 8.0 metres.

c) Cedar Creek Zone (see Figures 12 & 13)

Initial prospecting found a small (1.5 x 1.5 x 1.0 m) hand pit at approximate coordinates 304+00N, 66+50W which yielded encouraging gold and silver assays (6019 - 710 ppb Au and 3.1 ppm Ag). A 19.5 m backhoe trench was later excavated over this pit and discovered a thick (6 m) quartz vein (320°/36°N) in steeply dipping argillites. This vein contains up to 0.5% As, as arsenopyrite, 500-700 ppb Au and 10-20 ppm Ag. Similar material was also found on the south side of Cedar Creek (approx. 305N, 71+50W) in another old hand pit that assayed 540 ppb Au and 6500 ppm As.

Limited mapping and prospecting in this area has located pyritic cherts (?) interbedded with fine-grained andesitic tuffs and argillites. Pyrite-rich material (6306) assayed 1080 ppb Au.

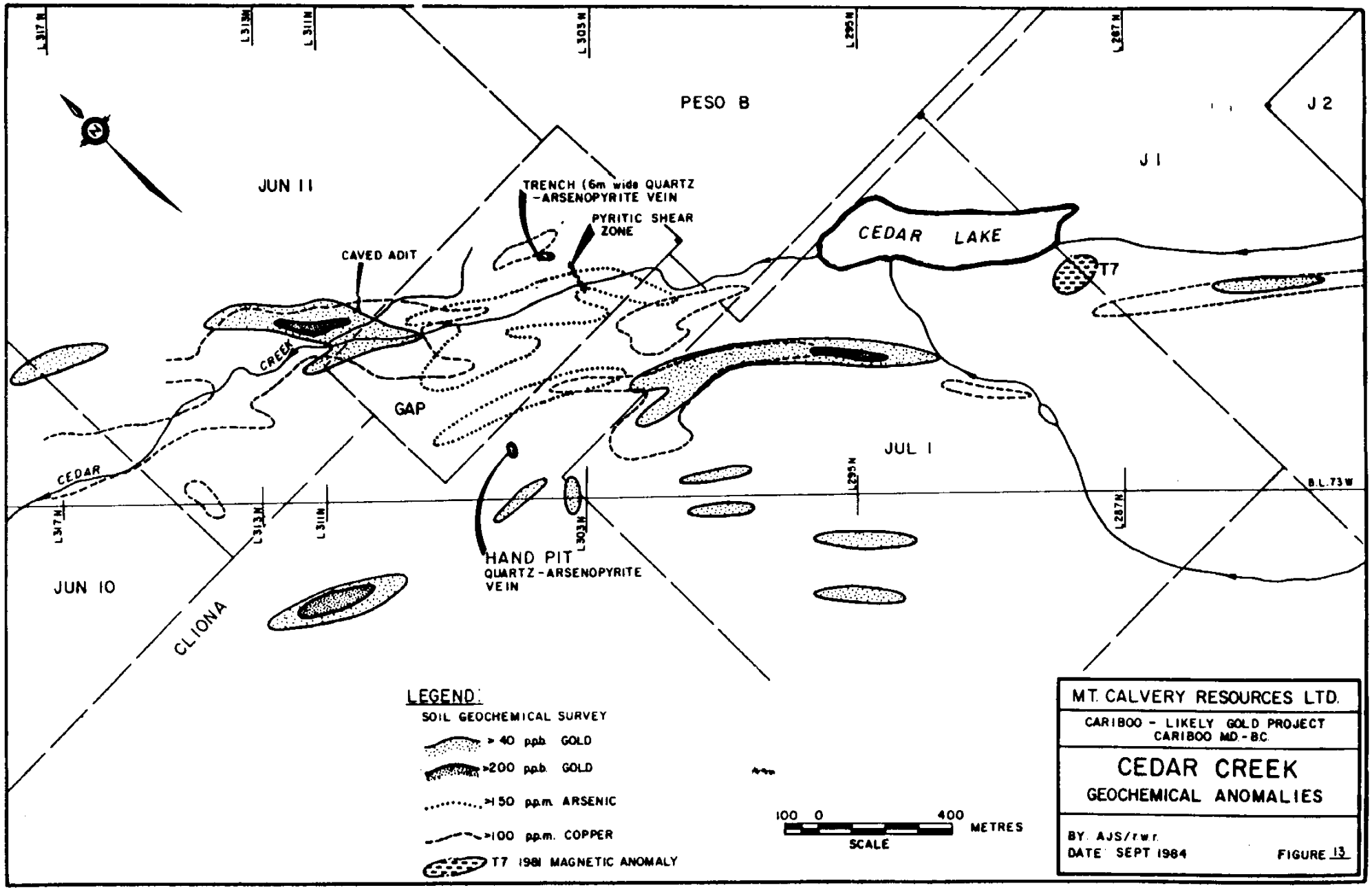
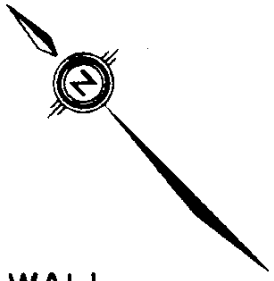
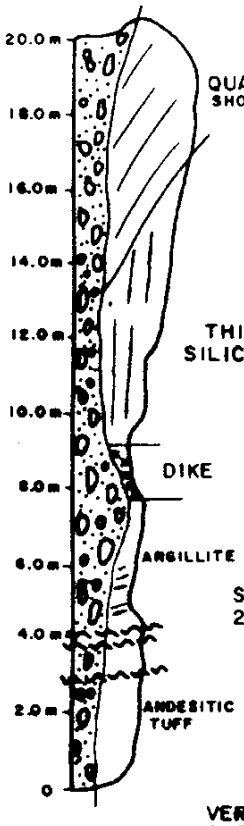

L317N
L313W
L311W
L303N
L295N
L287N
PESO B
J2
J1
JUN 11
TRENCH (6m wide QUARTZ -ARSENOPYRITE VEIN
PYRITIC SHEAR ZONE
CAVED ADIT
CEDAR LAKE
T7
CREEK
GAP
JUL 1
CEDAR
B.L.73W
HAND PIT
QUARTZ-ARSENOPYRITE VEIN
JUN 10
CLIONA
LEGEND:
SOIL GEOCHEMICAL SURVEY
> 40 p.p.b. GOLD
>200 p.p.b. GOLD
>150 p.p.m. ARSENIC
>100 p.p.m. COPPER
T7 1981 MAGNETIC ANOMALY
100 0 400 METRES
SCALE
MT. CALVERY RESOURCES LTD.
CARIBOO - LIKELY GOLD PROJECT
CARIBOO MD - B.C.
CEDAR CREEK
GEOCHEMICAL ANOMALIES
BY. AJS/rwr.
DATE SEPT 1984
FIGURE 13

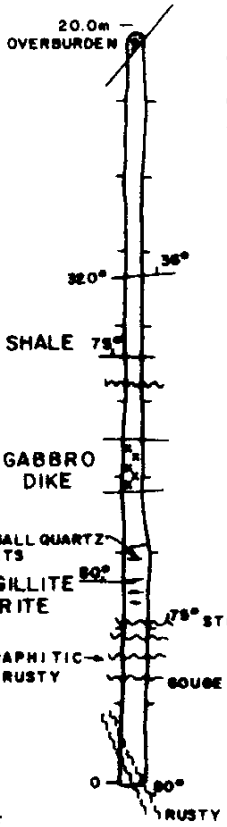
Figure 13



WEST WALL



PLAN VIEW



VERY SILICEOUS
ANDESITIC TUFF
3-5% DISS. PYRITE

6324 - 40, 1.5, 2690, 555 FACE SAMPLE
6323 - 34, 2.6, 4900, 710 ; 18.0 - 19.5m
6322 - , 19.2, , 165 ; 16.0 - 18.0m
6321 - , 3.8, , 570 FACE SAMPLE
6319 - , 3.9, , 650 FACE SAMPLE
6320 - , 11.6, , 555 ; 14.0 - 16.0m
6318 - 87, 21.5, 2500, 175 ; 12.0 - 14.0m
6317 - 84, 18.4, 2230, 185 ; 10.0 - 12.0m
6316 - 156, 28.0, 4100, 710 ; 8.0 - 10.0m
* QUARTZ VEINS START AT 9m
6315 - 80, 1.9, 400, 190 ; 6.0 - 8.0m
6311 - 113, 3.7, 270, 120 ; 4.0 - 6.0m
6310 - 167, 5.0, 390, 60 ; 2.0 - 4.0m
6309 - 349, 4.9, 940, 100 ; 0 - 2.0m

A. Schmidt
Oct. 19/84

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

0 5 10 metres
SCALE 1:200

LEGEND:

SAMPLE Nº.	P.P.M. Cu	Ag	As	P.P.B. Au	SAMPLE INTERVAL
6309	349	4.9	940	100	0-2.0m

MT. CALVERY RESOURCES LTD.

CARIBOO - LIKELY GOLD PROJECT
CARIBOO M.D.-B.C.

CEDAR CREEK TRENCH

BY: AJS/r.w.r.
DATE: SEPT. 1984

FIGURE 12

Considering that the geochemical response of this area must be severely subdued by the extensive mantle of glacial till, further VLF-EM geophysical exploration seems warranted.

d) Madre Zone, Spanish Mountain (see Figures 14 & 15)

The intense gold geochemical soil anomalies outlined by the grid sampling program led to increased prospecting efforts on Spanish Mountain. With the acquisition of the 1983 geochemical data from the CPW claim, and the addition of L900S and L1000S geochemical data by Mt. Calvery, it was possible to concentrate the prospecting efforts into a very small area (L900S, 200W). Within 2 days of prospecting, abundant gold was found in several modes in this area. Preliminary sampling showed that possibly economic gold grades occurred not only in narrow, NE-trending quartz veinlets, but also in stratabound, pyrite-rich phyllites. When the phyllites were crushed in a mortar and pestle, and panned carefully, abundant gold was easily visible, (see Figure 15).

The area of the Madre Gold Zone, on Spanish Mountain, is underlain by dark grey to black phyllites, siltstones and quartzites that strike northwest and dip variably to the NE ($320^{o}/45^{o}E$). The phyllites are often spotted with small red ankerite crystals; they are occasionally strongly graphitic. A major fault zone (10-15 m wide) striking north-south, is exposed in a creek gully within the Madre Zone. The phyllites are usually gold-enriched within the area of interest (e.g. 6036 - 85 ppb Au and 6232 - 109 ppb Au).

9. PROSPECTING PROGRAM

Dave Heino, a professional prospector with 25 years experience in the mining business, and an integral member of the staff of the Welcome North Mines Group of Companies for the past 6 seasons, spent approximately

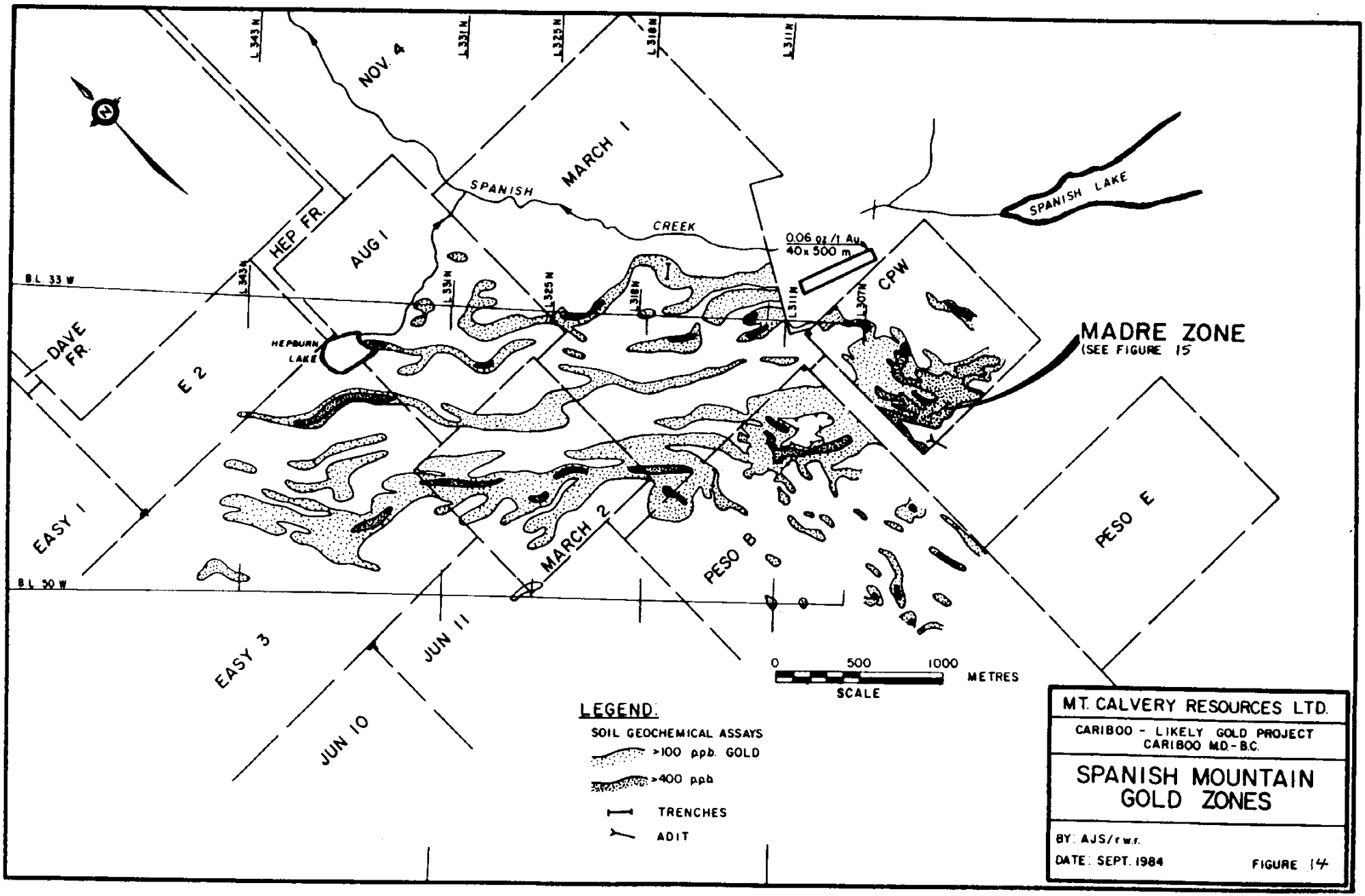
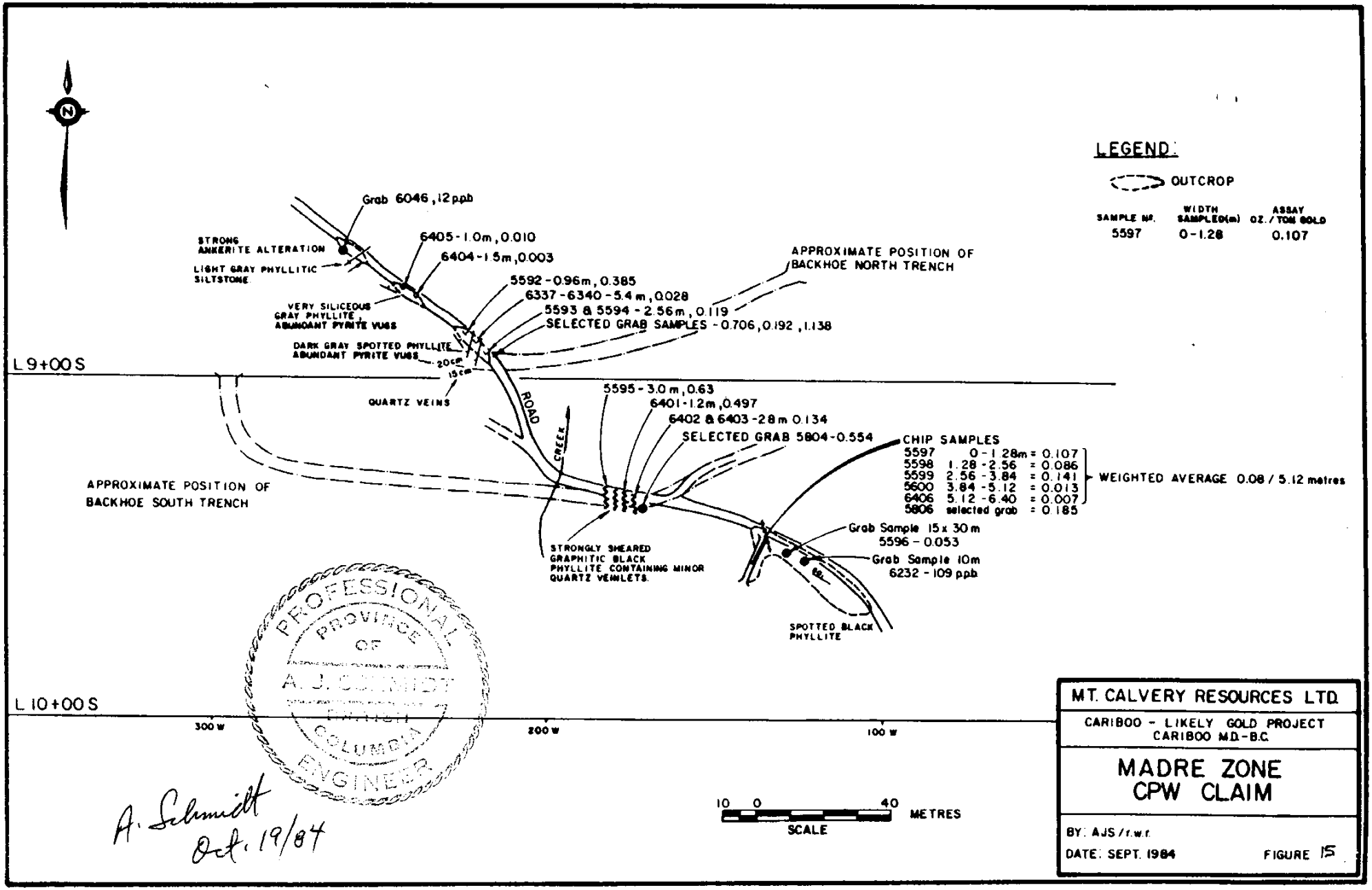

L 343 N
L 331 N
L 325 N
L 318 N
L 311 N
NOV. 4
MARCH 1
SPANISH
CREEK
SPANISH LAKE
0.06 oz/t Au
40 x 500 m
HEP FR.
AUG 1
B.L. 33 W
L 343 N
L 331 N
L 325 N
L 318 N
L 311 N
L 307 N
CPW
DAVE FR.
E 2
HEPBURN LAKE
MADRE ZONE
(SEE FIGURE 15
EASY 1
MARCH 2
PESO B
PESO E
B.L. 50 W
EASY 3
JUN 11
JUN 10
0
500
1000
METRES
SCALE
LEGEND:
SOIL GEOCHEMICAL ASSAYS
>100 ppb. GOLD
>400 ppb
TRENCHES
ADIT
MT. CALVERY RESOURCES LTD.
CARIBOO - LIKELY GOLD PROJECT
CARIBOO M.D. - B.C.
SPANISH MOUNTAIN
GOLD ZONES
BY: AJS/r.w.r.
DATE: SEPT. 1984
FIGURE 14

Figure 14


LEGEND:
OUTCROP
SAMPLE Nº. WIDTH SAMPLED(m) ASSAY OZ./TON GOLD
5597 0-1.28 0.107
Grab 6046, 12 ppb
6405 - 1.0m, 0.010
6404 - 1.5m, 0.003
STRONG ANKERITE ALTERATION
LIGHT GRAY PHYLLITIC SILTSTONE
VERY SILICEOUS GRAY PHYLLITE ABUNDANT PYRITE VUGS
5592 - 0.96m, 0.385
6337 - 6340 - 5.4 m, 0.028
5593 & 5594 - 2.56m, 0.119
SELECTED GRAB SAMPLES - 0.706, 0.192, 1.138
APPROXIMATE POSITION OF BACKHOE NORTH TRENCH
DARK GRAY SPOTTED PHYLLITE ABUNDANT PYRITE VUGS
20cm
15cm
QUARTZ VEINS
L 9+00 S
ROAD
CREEK
5595 - 3.0 m, 0.63
6401 - 1.2m, 0.497
6402 & 6403 - 2.8m 0.134
SELECTED GRAB 5804 - 0.554
CHIP SAMPLES
5597 0 - 1.28m = 0.107
5598 1.28 - 2.56 = 0.086
5599 2.56 - 3.84 = 0.141
5600 3.84 - 5.12 = 0.013
6406 5.12 - 6.40 = 0.007
5806 selected grab = 0.185
WEIGHTED AVERAGE 0.08 / 5.12 metres
APPROXIMATE POSITION OF BACKHOE SOUTH TRENCH
Grab Sample 15 x 30 m
5596 - 0.053
Grab Sample 10m
6232 - 109 ppb
STRONGLY SHEARED GRAPHITIC BLACK PHYLLITE CONTAINING MINOR QUARTZ VEINLETS.
SPOTTED BLACK PHYLLITE
L 10+00 S
300 W
200 W
100 W
10 0 40
METRES
SCALE
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT
A. Schmidt
Oct. 19/84
MT. CALVERY RESOURCES LTD.
CARIBOO - LIKELY GOLD PROJECT
CARIBOO M.D. - B.C.
MADRE ZONE
CPW CLAIM
BY: AJS / r.w.r.
DATE: SEPT. 1984
FIGURE 15

60 days on the project during May, June and July. An acknowledged expert with gold pan, mortar and pestle, and binocular microscope, Heino found and sampled many veins, gossans and shear zones during his field time. Heino spent 3 weeks doing detailed prospecting and panning within the Spanish Mountain geochemical anomaly, trying to find a bedrock source south of Hepburn Lake, only to be thwarted by lack of outcrop. Heino is given credit for finding the first gold within the Madre Zone which could be related back to the strong soil geochemical anomaly.

10. CONCLUSIONS

Geological mapping has shown that the 'Cariboo-Likely' claims are underlain by northwest trending fine-grained sedimentary rocks to the east (phyllites, grewackes) and mafic volcanics to the west (andesitic tuffs, basaltic agglomerates). Nowhere is the contact observable.

Gold occurs in a variety of settings on the claims, as summarized below:

a) EW shear zones in basalt (LK Prospect)

b) EW and NS shear zones in altered andesitic tuff, with quartz veinlets (Gold Creek)

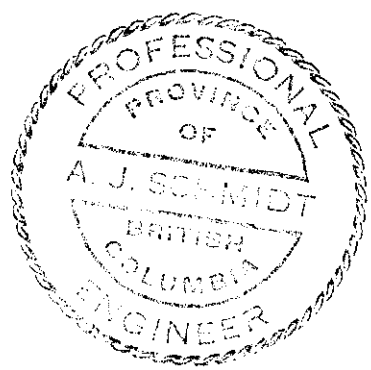
c) large NW-trending quartz veins, with arsenopyrite (Cedar Creek)

d) narrow NE-trending quartz veinlets (Madre Zone)

e) pyrite-rich NW-trending phyllites (Madre Zone).

f) siliceous-pyritic graphitic shear zones in shale units (Madre Zone)

Further work is warranted to determine the economic worth of these gold occurrences by prospecting, trenching, mapping and sampling to outline targets for drill testing.



A. Schmidt

A.J. Schmidt, P. Eng.
October 19, 1984
Vancouver, B.C.

11. STATEMENT OF COSTS

Wages

A.J. Schmidt, P.Eng	- Apr 1-July 30	= 110 days	@ $186.58	$ 20,523.80
D. Strain, Geologist	- Apr 30-June 22	= 49 "	@ $104.29	5,110.21
S.Clemmer, Geologist	- June 25-July 16	= 21 "	@ $128.77	2,704.17
D. Heino, Prospector	- May 10-June 23 & July 15-31	= 62 "	@ $126.79	7,860.98
M. Wilson, Std.Asst.	- Apr 30-July 30	= 92 "	@ $ 57.47	5,287.24
				$ 41,486.40

Room & Board

a)	Trailer rental 3 mos x $350	$ 1,050	
b)	316 man days @ $15/day	4,740	
c)	Propane, electricity, misc.	300	
d)	Telephone	740.62	
			6,830.62

Transport

a)	2 vehicle rentals (Airways) @ $660 & $825/mo	6,356.52	
b)	1 Toyota Rental (Welcome North @ $30/day	1,860	
c)	Gas, oil, repairs @ $10/vehicle day	2,460	
			10,676.52

Backhoe Trenching (4) - Bichieri Enterprises, Likely	500.00
Assaying - Min-En Labs, Vancouver (incl. shipping)	6,530.01
Drafting - R.W. Mineral Graphics Ltd.	3,713.79
Report Preparation - Secretarial, binding, etc.	500.00
Overhead - Welcome North Mines @ 10%	7,023.73
	77,261.07

Total number of claim units 553
Units not geologically surveyed - 94 (kangaroo Group)

∴ Units surveyed 459

Amounts spent per unit $77,261.07 /459

=$168.32

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13. STATEMENT OF AUTHOR'S QUALIFICATIONS

I, Andrew J. Schmidt, of Vancouver, British Columbia, do hereby certify that:

i) I am a registered Professional Engineer of the Province of British Columbia, residing at 1282 West 7th Avenue, Vancouver, B.C. V6H 1B6

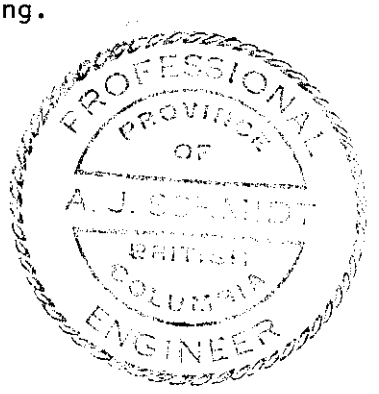
ii) I am a graduate of the University of British Columbia in Geological Engineering; B.A.Sc.1961

iii) I have practiced my profession continuously since 1961 in many parts of Canada, Alaska, the Western United States, Mexico and Portugal.

iv) This report is based on my direct supervision of and participation in the field work during the period May 1 - September 17th, 1984, and my interpretation of the data, while employed by Mt. Calvery Resources Ltd.

A. Schmidt

A. J. Schmidt, P.Eng.
October 17, 1984



14. STATEMENTS OF QUALIFICATIONS

1) David M. Strain - Geological Technologist

- 3 years attendance UBC, Geological Sciences (Sept. '80-May '83)
- Geological Engineering Technologist Diploma, 1978; 3 years attendance Cambrian College, Sudbury (Sept '75 - May '78)
- 6 seasons field experience (1977-1983) geological mapping, prospecting etc. with Dupont of Canada and Noranda Exploration in B.C. and Y.T.

2) Stanley G. Clemmer - Geologist

- B.Sc (Honours) Geology, Carleton University, 1978
- 6 years field/office experience in mineral exploration in B.C. Y.T., Ont. with Getty Mines and Minequest Exploration.

3) David Heino - Prospector

- 14 years experience as Miner/Shiftboss (1959-1973) in many mines across Canada (Gaspe, Britannia, Craigmont, Giant Mascot, etc.)
- 11 years experience as Prospector (1973-1984) with many companies in Western Canada (Aquarius, Carolin, Welcome North & Esperanza Group since 1978).

APPENDIX I

Assay Results - Rock Samples

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			DESCRIPTION
									1984
									Dave Strain's Samples May, June
6001	366N	47+30	8.0 m	Chip	0.001 opt				Carb alt'd diorite, minor py. Poquette.
6002	L351N	63+25	2.0	Chip	10 ppb				Alt'd & fract'd diorite. S. grid
6003	L433N	58+00	Float	Grab	80				Ankeritic & hematitic dacite, 1-2% py
6004	421+50	53+20	1.0	Chip	20				Ankeritic dacite (alt'd)
6005	419+50	46+50	—	Grab	5				Ankeritic dacite, 2-4% py
6006	443 N	60+50	Float	Grab	70				Ankeritic dacite, 1-3% py
6007	L443N	56+25	Float	Grab	50				" " , " , tr cpy
6008	L445N	58+00	Float	Grab	360				" " , 5% py
6009	L429N	55+50	float	Grab	50				" " , " , qtz veins
6010	378N	46+50	3.0	Chip	20				Porph. andesite, 2% po. Trench
6011	378N	46+50	3.0	Chip	10				" , " . Trench
6012	378N	46+50	3.0	Chip	5				" , " . Trench
6013	372 N	39+60W	Float	Grab	5				hematitic, qtz vns
6014	444 N	87+50	—	Grab	135				Bx'd & qtz vn'd congl.
6015	328+50	30+00	—	Grabs	3	1.0			Argill. dolom. w/ lge py cubes
6016	457+50	61+50	3.0	Chip	40	1.2			Carb'd & silic'd volcaniclastic, 4% py
6017	457N	60+60	1.0	Chip	60	1.2			3cm mass py along flt zone. Bleached.
6018	370 N	36+00W			15	0.7			Calc, num py cubes
6019	304N	66+00	3.0	Chip	710	3.1			Pale grn, pyritic, qtz-carb alt'd; flt.
6020	L303N	66+50	—	Grabs	50	1.4			Cherty sed, 40% py.

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	ppb Au	Ag			Wayne Roberts DESCRIPTION July 18th/19th, 1984
6021	950 S	110 W	–	Grab	7				CPW - intensely alt'd qte (?) (carb, fuch.)
6022	1000 S	140 W	–	Grab	10				CPW - intensely alt'd, wh. wtk. qte?
6023	1150 S	130 W	–	Grab	15				CPW - dk gy spotted sh, ank & lim.
6024	1380 S	130 W	–	Grab	35				CPW road - mass carb, fuch altn
6025	1500 S	620 W	–	Grab	230				CPW road - qtz carb alt'd qte(?)
6026	850 S	70 W	1.5	Chips	9				CPW - intensely banded sil/fuch/carb
6027	600 S	375 W	–	Grab	3				CPW - lt gy phyll, minor py
6028	600 S	410 W	2.0	Chips	7				CPW - totally alt'd qte(?) (syenite?)
6029	610 S	375 W	1.5	Chips	4				CPW - lt gy, intensely banded qte; diss. ank
6030	620 S	375 W	–	Grab	5				CPW - hly alt'd qte, banded; cu py
6031	610 S	360 W	–	Grab	6				CPW - gy sil sh, ank, vnlts gy qtz
6032	630 S	325 W	–	Grab	25				CPW - mass gy alt'd sh, qtz vnlts
6033	690 S	375 W	2.0	Chips	10				CPW - gy lamin qte, diss ank.
6034	720 S	375 W	–	Grabs	65				CPW - gy phyll sh, rusty
6035	720 S	390 W	0.6	Chips	5				CPW - wh qtz vn, lim vugs
6036	740 S	400 W	1.5	Chips	85				CPW - rusty phyll sh.
6037	760 S	320 W	0.6	Chips	250				CPW - flat lying wh qtz vn
6038	780 S	290 W	–	Grabs	115				CPW - silic alt'd stst, qtz vnlts
6039	800 S	260 W	2.0	Chips	10				CPW - wh. qtz vn, minor lim
6040	725 S	190 W	1.8	Chips	35				CPW - rusty ank/lim. gwke/stst

MT. CALV[illegible] RESOURCES LTD.

Page No. 3/17

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	ppb Au	Ag			Wayne Roberts DESCRIPTION July 19/84
6041	810 S	160 W	—	Grab	71				CPW - gy silic stst, qtz vnlts
6042	810 S	180 W	—	Grab	10				CPW - qtz vn rubble, V.G. in pan
6043	960 S	360 W	0.6	Chip	5				~~RES~~ CPW qtz lim. vn., no sulps
6044	960 S	340 W	0.7	Chip	185				~~RES~~ CPW gy/gn shr'd stst w fuch, ser
6045	960 S	340 W	0.4	Chip	10				~~RES~~ CPW qtz lim vn
6046	850 S	250 W	—	Grab	12				CPW - alt'd gy ank stst
6047	860 S	230 W	—	Grab	9				CPW - dk gy ank stst
6048	575 S	50 E	—	Grab	14				CPW - intense carb/fuch alt'd sh.
									A. Schmidt, May/84
6051	366+20	42+80	2.0	Chip	0.001				Silic'd tuff, 1-3% py
6052	366+10	42+90	5.0	Chip	0.001				" "
6053	366+00	43+30	2.5	Chip	0.001				" "
6054	365+80	43+50	5.0	Chip	0.001				" "
6055	364+50	45+80	4.0	Chip	0.001				" " Gold Ch. Zone
6056	"	"	4.0	Chip	0.059				" " str flt zone
6057	"	"	4.0	Chip	0.075				" " " "
6058	364+25	45+80	4.0	Chip	0.001				Silic'd dacite, 1-2% py, fract'd
6059	364+20	"	4.0	Chip	0.006				" " "
6060	364+20	"	4.0	Chip	0.001				" " "
6061	364+15	"	4.0	Chip	0.001				" " "

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			A. Schmidt DESCRIPTION May/84
6062	364+15	45+80	4.0	chip	0.006				Gold Ck. - silic'd dacite, 1-2% py. East Side
6063	364+10	45+75	4.0	chip	0.008				" " "
6064	364+00	"	4.0	chip	0.001				" " "
6065	"	"	4.0	chip	0.001				" " "
6066	363+90	"	4.0	chip	0.050				" " "
6067	"	"	4.0	chip	0.001				" " "
6068	363+85	45+80	4.0	chip	0.015				" " " West Side
6069	"	"	4.0	chip	0.001				" " "
6070	"	"	4.0	chip	0.001				" " "
6071	"	"	4.0	chip	0.001				" " "
6072	"	"	4.0	chip	0.006				" " "
6073	364+10	45+90	4.0	chip	0.001				" " "
6074	364+50	47+25	5.0	chip	0.001				" , andes. tuff, tr py, fract.
6075	364+35	46+10	4.0	chip	0.001				" , silic'd dacite, 1-3% py
6076	"	46+15	4.0	chip	0.001				" " "
6077	"	46+20	4.0	chip	0.006				" " "
6078	"	46+20	4.0	chip	0.039				" " "
6079	"	46+25	4.0	chip	0.011				" " "
6080	"	46+30	4.0	chip	0.001				" " "
6081	363+20	47+25	1.7	chip	0.001				" " "

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			A. Schmidt DESCRIPTION May/1984
6082	363+80	47+00	3.5	chip	0.009				Geol Ch., Silic'd dacite, 1-3% py
6083	364+25	46+00	3.0	chip	0.006				" " "
6084	364+20	46+10	3.0	chip	0.015				" " "
6085	367+15	45+30	4.0	chip	5				Sawmill Rd, alt'd basalt (cont. sqid)
6086	"	"	4.0	chip	5				" " "
6087	367+50	44+90	5.0	chip	10				" " "
6088	367+70	44+40	5.0	chip	5				" , fresh basalt, no sulfs
6089	"	"	5.0	chip	35				" " "
6090	"	"	5.0	chip	5				" " "
6091	367+90	43+70	5.0	chip	160				" " "
6092	368 N	43+30	5.0	chip	90				" , alt'd basalt, dk'd, fract'd
6093	"	"	5.0	chip	10				" " "
6094	"	"	5.0	chip	130				" " " , qtz vn
6095	369+30N	42+20	5.0	chip	85				" , alt'd basalt, much gouge
6096	"	"	5.0	chip	45				" " "
6097	"	"	5.0	chip	5				" , fresh basalt
6098	369+90	41+20	5.0	chip	5				" , fract'd andes, no sulfs
6099	363+60	48+50	3.0	chip	5				Main Road, mass. andes. tuff
6100	361+50	50+00	5.0	chip	<5				" , andes. tuff, no sulfs
6101	361+50	50+00	5.0	chip	10				" " "

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	Cu	Zn	A. Schmidt DESCRIPTION May/84
6102	359 N	50+00	5 m²	Grab	10				Old Trench, py'd dacite, Fe-stain
6103	362+20N	45+20	5.0	Chip	85				Gold Ck, under. Tuff, 1-3% py, qtz vns
6104	456+50	60+00	5.0	Chip	5				Cariboo Lim, silic dacite, 1-3% py
6105	"	"	5.0	Chip	15				" " "
6106	"	"	5.0	Chip	5				" " "
6107	"	"	5.0	Chip	25				" " "
6108	"	"	5.0	Chip	20				" " "
6109	"	"	5.0	Chip	110				" " "
6110	"	"	5.0	Chip	15				" " "
6111	"	"	5.0	Chip	10				" " "
6112	457+50	61+00	3.0	Chip	25				" " ", qtz vnl
6113	"	"	3.0	Chip	5				" " "
6114	"	"	4.0	Chip	5				" " "
6115	454N	79+50	10 m²	Grab	5	0.6	6		Lawless Ck, wth'd syen talus
6116	323N	76+00	2.0	Chip	225	2.2	145	150	Cedar Ck adit, fract'd & chl'd basalt
6117	"	"	2.0	Chip	170	3.2	284	1500	" " "
6118	"	"	2.0	Chip	50	2.0	162	110	" " "
6119	"	"	2.0	Chip	160	1.8	110	92	" " "
6120	333N	31+50	2.0	Chip	5	1.5			Hepburn Ck, py'd phyllite
6121	"	"	3.0	Chip	25	1.3			" "

40.0 m cont. chip

MT. CALVERT RESOURCES LTD.

Page No. 7/17

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			A. Schmidt DESCRIPTION May/84
6122	302+60	74+50	10 m²	Grabs	5				Cedar Lake - silic porph andes, 1% py
6123	296 N	66+30	5.0	Chip	20				" - andes porph, 4-6% py
6124	296 N	66+50	5.0	Chip	5				" " "
6125	296 N	66+70	5.0	Chip	5				" " , 1% py
6126	320+20	38+80	5.0	Chip	10				Placer Pit, graph phyll ∓ qtz vns, py cubes
6127	"	"	5.0	Chip	20				" " "
6128	"	"	5.0	Chip	10				" " "
6129	416 N	40+00	5.0	Chip	5				Murderer Ck, silic and. porph, 3-4% py
6130	"	"	4.0	Chip	5				" " "
6131	"	"	5.0	Chip	5				" , phy. porph, 5% py
6132	"	"	5.0	Chip	50				" , and. porph, 5% py, qtz vnts
6133	366+00	43+30	1.0	Chip	0.001				Gold Ck - silic dacite, 1-2% py
6134	"	"	1.0	Chip	0.001				" - resampling 6053
6135	"	"	1.0	Chip	0.001				" "
6136	364+20	45+80	1.0	Chip	0.016				Gold Ck - resampling 6059
6137	"	"	1.0	Chip	0.008				" - silic dacite, 1-2% py
6138	"	"	1.0	Chip	0.020				" "
6139	"	"	1.0	Chip	0.001				" "
6140	364+15	45+80	1.0	Chip	0.006				Gold Ck - resampling 6062
6141	"	"	1.0	Chip	0.041				" - silic dacite, 1-3% py, qtz vnts

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			A. Schmidt DESCRIPTION May/'84
6142	364+15	45+80	1.0	Chip	0.024				Gold ck - resampling 6062
6143	"	"	1.0	Chip	0.009				"
6144	364+10	45+75	1.0	Chip	0.001				Gold ck - resampling 6063
6145	"	"	1.0	Chip	0.001				" - silicified dacite, 1-3% py
6146	"	"	1.0	Chip	0.001				" " "
6147	"	"	1.0	Chip	0.001				" " "
6148	364+35	46+20	1.0	Chip	0.001				Gold ck - resampling 6077
6149	"	"	1.0	Chip	0.065				" - silicified dacite, 1-3% py
6150	"	"	1.0	Chip	0.003				" " "
6151	"	"	1.0	Chip	0.001				" " "
6152	364+35	46+20	1.0	Chip	0.032				Gold ck - resampling 6078
6153	"	"	1.0	Chip	0.122				" - silicified dacite, 1-3% py
6154	"	"	1.0	Chip	0.008				"
6155	"	"	1.0	Chip	0.013				"
6156	364+35	46+25	1.0	Chip	0.010				Gold ck - resampling 6079
6157	"	"	1.0	Chip	0.015				" - silicified dacite, 1-3% py, qtz veins
6158	"	"	1.0	Chip	0.006				"
6159	"	"	0	Chip	0.001				"
*6164	359+70	41+60	2.0	Chip	6	0.7			py'd argillite
6165	359+80	41+80	5.0m²	Grab	2	0.6			" "

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION June/84
6166	351+70	33+80	10 m²	Grab	2	0.7			Borrow pit, 1-2% py, argillite
6167	L351N	34+75	2.0	Chip	4	0.9			Road cut, 1-2% py, argillite
6168	372	40+50	5 m²	Grab	4	1.2			py'd argillite - lamniel. IP anom
6169	315 N	42+50	2.0	Chip	0.005	0.01			Creek gully, py'd phyllite
6170	315 N	42+50	2.0	Chip	0.002	0.01			" "
6171	315N	42+50	1.0	Chip	0.001	0.01			" "
6172	315N	42+50	1.0	Chip	0.003	0.01			" "
6173	315N	42+50	2.0	Chip	0.001	0.01			" "
6174	315N	42+50	2.0	Chip	0.011	0.01			" "
6175	315N	42+50	2.0	Chip	0.003	0.01			" "
6176	315N	42+50	2.0	Chip	0.001	0.01			" "
6177	315N	42+50	1.7	Chip	0.001	0.01			" "
6178	323 N	42+30	5 m	Chip	<5				py'd siltstone; water hole
6179	311N	41+50	3.0	Chip	225	4.0	81		Trench - E. end, 3 m depth, argillite
6180	311N	41+50	3.0	Chip	390	4.2	96		" - middle, " "
6181	311N	41+50	3.0	Chip	275	3.4	70		" - W. end, " "
6182	372N	41+00	3.0	Chips	5	1.1	32		Trench - W end, 3 m depth, argill
6183	372N	41+00	3.0	Chips	5	1.0	36		" - middle, " "
6184	372N	41+00	3.0	Chips	5	1.9	68		" - E. end, " "
6185	374N	44+50	3.0	Chip	5	1.2	11	81	Trench - W. end, 3 m depth, andes.

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION July/84
6186	374	44+50	3.0	Chip	15	1.3	12	63	Trench - middle, 3 m. depth, andes
6187	374	44+50	3.0	Chip	5	1.3	11	111	" - E. end, " , "
6188	372N	43+50	3.0	Chip	10	1.6	115		Trench - E. end, 3 m depth, alt'd andes
6189	"	"	3.0	Chip	10	1.5	50		" - middle, " , "
6190	"	"	3.0	Chip	5	1.5	66		" - W. end, " , "
6191	"	"	3.0	Chip	5	1.2	8		" - (W. extens.), " , "
* 6192	372	47+00	10 m²	Grab	40				Road cut - rusty fg'd volc. W. Roberts
6193	364 N	46+50	Spec.	Grab	15				Gold Ck - gn, carb alt'd, epid and. volc.
6194	2.3km E. of		10 m²	Grab	5				rusty ankeritic gy phyllite
6195	Spanish Lake		Spec	Grab	5				" "
6196	turn off - road		Spec	Grab	30				quartz (?) (volc.?) lge py cubes
6197	outcrops.		5m²	Grab	10				rusty f/c
6198	310N	42+50	10m²	Grab	25				PESO B - old trench - blk carb alt'd phyll
6199	"	42+00	5.0	Chip	50				PESO B - E. end trench - Br ank. shale
6200			5m²	Grab	140				CPW - fg'd qtz vn'd sh'd grayish shale
6201	453+20	59+45	3x10m	Chips	10	1.6			Van Hammer - Alt'd (carb, silic) mafic volc.
6202	453+30	57+90		Grab	25	1.8			Siderite vein (4 cm) minor galena
6203	453+30	57+90	2.0	Chip	10	1.0			Br'd, sid. vn'd, alt'd (carb, silic) mafic volc.
6204	318+05	40+75	1.0	Chip	5	0.7	97	28	Blk, ankerite spotted phyllite (placer fit)
6205	318+90	40+25	1.0	Chip	50	0.6	32	76	Alt'd, vn'd, siderite, bleached, gy phyllite

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	Stan Clemmer DESCRIPTION July/'84
6206	318+90	40+25	1.0	Chip	5	0.5	35	40	Qtz vn'd, anhedritic, grey phyllite
6207	318+90	40+25	1.0	Chip	10	0.5	24	30	" " "
6208	318+90	40+25	—	Grab	5	0.6	29	44	5-20 cm wide qtz ± gy gge filled shear
6209	318+00	40+15	2.0	Chip	5	0.5	40	35	Gy phyllite ± qtz vn'd gy silic sediment
6210	318+00	40+18	2.0	Chip	10	0.5	80	14	Anh'd gy phyll ± qtz vn'd gy silic sed.
6211	408+00	37+10	3.0	Chip	<5	0.9	3	190	Lmty, alt'd, chert sed or volc (?)
6212	408+00	37+10	3.0	Chip	5	0.6	4	77	" " "
6213	408+00	37+10	4.0	Chip	5	0.9	9	133	" " "
6214	416+15	41+80	—	Grab	5	1.4	15	73	10-30 cm pyritic gge zone
6215	416+15	41+80	3.0	Chip	5	1.2	35	117	Pyritic, gy carb alt'd basalt, qtz vnt
6216	404+00	38+60	—	Grab	10	0.9	6	104	Pyritic, alt'd chert sed or volc (?)
6217	447N	63+50	4.0	Chip	535	(old pit)			J.A. Schmidt - LK prospect - qtz vn'd basalt
6218	447N	63+50	15 m²	Grab	3150				LK prospect - grabs of qtz-mtl matl
6219	447N	63+50	—	Soil	600				LK prospect - check soil sample
6220	458N	77+00	1.0	Chip	35				Quesnel Forks Rd - silic'd py'd argill
6221	458N	78+00	1.0	Chip	10				" - old pit; py'd qtz vn'd andes
6222	458N	78+00	2.0	Chip	10				" - silic'd, " " "
6223	458+50	78+75	5 m²	Grab	5				" - py'd andes (fract's 070°)
6224	366+70	44+50	2.0	Chip	5				Poquette Ck - carb alt'd, qtz vn'd basalt
6225	366+70	44+50	1.0	Chip	20				" - " " "
6226	366+65	44+50	—	Grab	460				" - qtz rubble from creek

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION July /'84
6227	319N	30+00	—	Grab	30				Bob Mickle's pit - Hk shale #1
6228	318N	30+00	—	Grab	845				" — " #2
6229	"	"	—	Soil	425				" — Soil sample from #2
6230			2.0	Chip	965				Spanish Mtn - qtz on bridle road (calc?)
6231			1.0	Chip	37				" - HW above qtz vn
6232			10m	Grabs	109				" - Silty dk gy spotted argill
6233			10m²	Grabs	1				" - Alt'd mony ~ qtz vns
6234			10m	Grabs	4				" - Strong alt'd mony in old trench
6235			5m²	Grabs	39				" - Calc alt'd qtz vn'd mony - Cabin
6236	318+20	39+88	—	Grab	49	0.5	66	71	Clemmer - 10-20 cm gse in blk phyllite
6237	318+20	39+88	80cm	Chip	21	0.4	57	39	Shr zone - 10% gse in blk phyll
6238	318+20	39+88	1.0	Chip	1	0.4	4	69	Gy, graph phyllite
6239	318+35	39+96	1.0	Chip	33	0.9	87	33	Brecciated, sili, lt gy phyllite
6240	318+35	39+90	2.0	Chip	17	0.3	55	47	gse-rich zone in blk phyllite
6241	318+40	39+65	2.0	Chip	14	0.5	87	84	Blk arg. spotted phyllite
6242	318+52	39+60	2.0	Chip	3	0.6	16	50	" " "
6243	256+50	68+90	—	Grab	20	0.7	3	258	Pyd dac (flow bx?)
6244	256+40	68+85	—	Grab	15	1.2	3	297	Dac & gy'd mafic volc
6245	396N	40+70	3.0	Chip	35	0.8	75	78	Trench - 3.4m depth - lt gy alt'd basalt
6246	396N	40+70	3.0	Chip	25	0.9	31	114	" — " — " "

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CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	S. Clemmer DESCRIPTION July/'80
6247	396N	40+70	3.0	Chips	45	0.9	112	83	Trench - altd qtz vn'd basalt, tr spy
6248	"	"	3.0	Chips	15	0.9	130	127	" - " "
6249	"	"	3.0	Chips	25	0.8	300	55	" - " "
6250	"	"	2.0	Chips	90	1.0	127	90	" - " "
6251	372N	47+00	3.0	Chips	5	1.2	24		A. Schmidt Trench - W. end
6252	"	"	3.0	Chips	5	1.0	32		" - middle
6253	"	"	3.0	Chips	10	0.9	223		" - E. end
6254	386N	45+00	3.0	Chips	5	0.8	55		Trench - W. end
6255	"	"	3.0	Chips	5	0.9	28		" - middle
6256	"	"	3.0	Chips	15	0.8	25		" - E. end
6257	388N	38+50	3.0	Chips	10	0.8	51		Trench - W. end
6258	"	"	3.0	Chips	10	0.7	213		" - middle
6259	"	"	3.0	Chips	5	0.4	35		" - E. end
6260	400N	41+00	3.0	Chips	2	0.8	83		Trench - W. end
6261	"	"	3.0	Chips	5	0.8	112		" - middle
6262	"	"	3.0	Chips	9	1.0	116		" - E. end
6263	406+30	41+70	2 m	Grabs	1	1.1	30		old pit, Carb vn'd endos, 1-2% py
6264	398+30	41+00	10 m	Grabs	3	1.0	43		old trench. Str. carb altd and. tuff. 1% py
6265	394+60	31+10	5 m	Grabs	1	0.8	20		old trench " " .2-4% py
6266	421	52+00	3.0	Chips	20	1.2	3	109	Trench - 2. m depth - aug. basalt, calc. vn's

CARIBOO-LIKELY PROJECT - 1984 CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	S. Clemmer DESCRIPTION July/'84
6267	421 N	52+00	3.0	Chips	15	1.2	4	115	Trench - 2 m depth - aug. basalt, calc vn's
6268	"	"	3.0	Chips	10	1.2	11	108	" - " " "
6269	"	"	3.0	Chips	10	1.3	15	102	" - " " "
6270	423 N	57+00	-	Grab	10	1.4	3	84	Trench - 4 m depth - aug. basalt, sh'd
6271	445 N	61+50	2.0	Chips	20	1.0	3	150	Trench - 4 m depth - aug. basalt
6272	"	"	2.0	Chips	15	1.0	1	129	" - " - augite basalt
6273	447 N	63+00	2.0	Chips	20	0.9	9	110	Trend - LK project - 3.5 m depth - alt'd aug. basalt E end
6274	"	"	-	Grab	15	0.8	4	56	" " - hly sil'd, bx'd aug. basalt
6275	"	"	2.0	Chips	25	0.9	8	115	" " - fresh to wk carb alt'd basalt
6276	"	"	2.0	Chips	15	0.9	5	103	" " - " "
6277	"	"	2.0	Chips	15	0.8	4	113	" " - " "
6278	"	"	2.0	Chips	48	1.4	8		" " - " " Sil'd
6279	"	"	2.0	Chips	24	1.0	10		" " - hly alt'd (carb + silic) basalt
6280	"	"	2.0	Chips	50	1.5			" " - alt'd basalt
6281	"	"	2.0	Chips	580	1.1			" " - " "
6282	"	"	3.0	Chips	55	1.2			" " - hly alt'd
6283	"	"	3.0	Chips	65	1.4			" " - "
6284	"	"	3.0	Chips	25	1.4			" " - " (west end)
6285	446+70	63+00	2.0	Chips	24	1.3	11		LK - East Trend - mod'y alt'd basalt
6286	"	"	2.0	Chips	20	1.2	17		" " - " "

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION July /'84
6287	446+70	63+00	2.0	Chips	7	1.0	8		LK - E. Trench - mod. alt'd basalt
6288	"	"	2.0	Chips	13	1.2	5		" - "
6289	"	"	2.0	Chips	20	1.4	5		" - "
6290	"	"	2.0	Chips	33	1.0			" - "
6291	"	"	3.0	Chips	10	1.2			" - " . West end.
6292	447+30	63+00	3.0	Chips	10	1.2	6		LK - W. Trench - Carb alt'd basalt
6293	"	"	2.0	Chips	15	1.1	11		" - " . Strong
6294	"	"	2.0	Chips	10	1.0	10		" - " . Intense
6295	"	"	3.0	Chips	5	1.1	10		" - " "
6296	"	"	3.0	Chips	7	1.0	16		" - " "
6297	"	"	2.5	Chips	132	1.0	12		" - "
6298	"	"	2.0	Chips	15	1.2	15		" - "
6299	"	"	2.0	Chips	8	1.0	7		" - "
6300	"	"	2.0	Chips	5	1.4	2		" - " West end
6301	349N	61+00	—	Grabs	65	1.3	600		Fisher Ck - qtz vn'd, fldy alt'd volc (?)
6302	345N	63+00	—	Grabs	25	1.4	29		Grogan Ck - alt'd diorite - 1-3% py
6303	349N	66+75	Float	Grabs	126	1.8	2900		Grogan Ck - 20% py, aspy, qtz vnlts. Volc.
6304	311N	69+25	2 m²	Grabs	5	1.5	7	112	Cedar Ck - alt'd volc, 1-3% py
6305	311N	67+75	5 m²	Grabs	10	1.5	21	133	" - epid'd volc, 1-3% py
6306	311N	67+25	10 m²	Grabs	1080	4.0	24	178	" - 15-20% py, mal, alt'd volc
6307	307N	67+50	20 m²	Grabs	10	1.6	62	97	" - 2-4% py'd clasty sed, qtz vn's

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION July / '84
6308	370	45+00	1m	Chips	5	1.5			Trench - 4 m depth - altd py'd diorite
6309	304	66+20	2.0	Chips	100	4.9	940	349	Cedar Creek Trib. (west wall) Trench - SW end - 2 m. depth - py'd shr. zone
6310	304	66+20	2.0	Chips	60	5.0	390	167	" - " " - qtz zone
6311	304	66+20	2.0	Chips	120	3.7	270	113	" -
6312	366N	47+50	5 m	Chips	100	2.3			Paquette Ck - qtz vn'd shr zone in dior
6313	366+20N	47+00	5 m	Chips	70	1.0			" - " " - 50 m. North
6314	362N	45+20W	15 m	Grab	240	1.9			Gold Ck - biased (qtz vn's) over G103
6315	"	"	2.0	Chips	190	1.9	400	80	Cedar Ck. Trench - 6-8 m
6316	"	"	2.0	Chips	710	28.0	4400	156	" - 8-10 m
6317	"	"	2.0	Chips	185	18.4	2230	84	" - 10-12 m
6318	"	"	2.0	Chips	175	21.5	2500	87	" - 12-14 m
6319	"	"	2.0	Chips	650	3.9			" - Face @ 16 m - Vertical
6320	"	"	2.0	Chips	555	11.6			" - 14-16 m
6321	"	"	2.0	Chips	570	3.8			" - Face @ 18 m - Vertical
6322	"	"	2.0	Chips	165	19.2			" - 16-18 m
6323	"	"	1.5	Chips	710	2.6	4900	34	" - 18-19.5 m end.
6324	"	"	2.0	Chips	555	1.5	2690	40	" - NE face - 5 m depth - Vertical
6325	352N	60+00	1.0	Chips	10	1.2	62	112	Fisher Ck - S. bank - 5% py, silic tuff
6326	352N	60+25	4 m	Grab	20	1.1	430	58	" - N. bank - qtz vns in py'd tuff

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	As	Cu	A. Schmidt DESCRIPTION July 27-31/'84
6327	318N	30+50	0-2	Chips	0.001				Trench - 5 m depth - py'd, qtz vn'd blk graph sh
6328	"	"	2-4	Chips	0.001				" - " - " "
6329	"	"	4-6	Chips	0.001				" - " - " "
6330	"	"	6-8	Chips	0.001				" - " - " "
6331	"	"	8-10	Chips	0.001				" - " - " "
6332	"	"	10-12	Chips	0.003				" - " - " "
6333	"	"	12-14	Chips	0.001				" - " - " "
6334	358+25	54+25	1.5m	Chips	.5	1.1	36		Likely Gulch - rusty shr zone near adit
6335	359 N	52+75	-	Grab	5	1.7	107		" - - s/c near ck, alt'd py'd, qtz vns
6336	305+50	71+50	-	Grab	540	1.3	6500		Cedar Ck - old pit, much oxdy in qtz vns
6337	L9005	200W	1.5	Chip	0.007	0.01			CPW - Channel sample across rd
6338	L9005	200W	1.4	Chip	0.019	0.01			CPW - " "
6339	L9005	200W	0.7	Chip	0.072	0.05			CPW - " "
6340	L9005	200W	1.8	Chip	0.036	0.01			CPW - " "
									end. July 31/84

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			D. Heino DESCRIPTION May/'84
4051					5	1.0			Altd volcanics; py, po ; bedrock
4052					5	1.2			Altd volc, leached py, float
4053					525	12.2			Altd volc. beside rd; gn, sph, py; bedrock
4054					160	5.3			Phyllite; py in qtz vns, bedrock
4055					30	12.4			60% pyrite, altd (?), float
4056					5	2.0			same as 4054, Hack gumbo
4057					60	2.0			Placer Pit - aspy, py, ankerite; float
4058					70	6.1			altd bx w limonite, float
4059					60	2.3			py'd andes. w qtz vnlts; float
4060					10	1.6			py'd andes. float
4061					5	1.0			60' shear zone w py, po, aspy.
4062	380	45+00			30	8.2			ankeritic dacite (float) py'd
4063	380	45+00			<5	1.2			Silic. rk, py'd near 4062 (float)
4064	380	46+00			5	0.7			red ankerite (float)
4065	380	48+00			95	0.9			qtz, gn, py (float)
4066					5	1.2			hornfels float w po ; Murderer Ck.
4067					5	2.5			intrusive float w po ; " "
4068					<5	1.1			py, po in volc. Cedar Lake
4069					5	1.0			py, po - float, Murderer Ck.
4070	304N	67+50			1000	234			py, po, ank vns w qtz (bedrock)

MT. CALVERT RESOURCES LTD.

CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			D. Heino DESCRIPTION June & May / 84
4071					25	0.9			Shr zone w py in sediment
4072	304	67+50	0.3	Chip	35	1.4			50% py, N10°W vein
4073	304	67+50		Chip	20	1.4			S. Extens. of 4072
4074	302	67+75	0.3	Chip	15	1.2			mass po, minor qtz vein; N dip
4075	302	67+75	20'	Grabs	790	1.3			Bx east of 4074, py'd volc.
4076	362 N	44+50			50	2.4			Gold Ck - py'd sed.
4077	362 N	44+50			0.008				Gold Ck - py cubes
4078	362	44+50	-						Gold Ck - siltstone w hem, float
4079	331	43+50	-		25	0.4			qtz vn w ankerite - float
4080	331	45+50	-		2875	0.6			qtz vn w ankerite - float
4081	335	47+50	-		10	0.4			py cubes in ? rk
4082	315	41+50	-		55	0.2			altd sediment, f gr'd py, qtz. float
4083	315	41+00	-		5	0.5			Sed. w lge py cubes. float
4084	315	41+50	-		5	0.2			altd sed w py, ank, qtz units. float
4085	315	41+00	-		85	0.4			altd dk red w f gr'd py, qtz. float
4086	327	36+00	-		10	0.5			Blk knotted phyllite float
4087	327	36+00	-		5	0.6			ank. spotted phyll. float
4088	327	37+00	-		10	0.6			altd phyll - chl, lim, ank float
4089	327	36+00	-		5	0.8			altd phyll - ank, lim. float
4090	318+10	40+80	-	Grab	105	1.2			Clay gge (white) - placerpit. Bedrock

MT. CALV[illegible] RESOURCES LTD.

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			D. Heino DESCRIPTION June/'84
4091			-	Grab	70	1.3			altd phyll-ank, lim. - placer pit. Bedrock
4092	Mariner	claim	3'	Core	120	1.2			old drillcore - Span. Mtn - 3' blk graph. pyld phyll.
4093	"	"	5'	Core	30	0.6			" " - 5' " "
4094	"	"	2'	Core	1400	2.3			" " - 2' " "
4095	"	"	13'	Core	225	0.9			" " - 13' " "
4096	"	"	15'	Core	5	0.7			" " - 15' " "
4097					0.001	0.01			altd pyld phyll - placer pit o/c
4098					5	0.8			altd pyld ank phyll o/c
4099			20'	Grab	5	2.1			shr zone in argill. N. of Gold Ck
4100	319	38+00	-	Grab	20	2.4			pyld blk phyll in creek gully, o/c
5552	L327N				5	1.4			Float - pyld, qtz vn'd phyllite
5553	364N	46+00	0-1m	Chip	0.011	0.01			Gold Ck - S. side shr zone (N-S trend)
5554	"	"	1-2	Chip	0.015	0.01			" - " "
5555	"	"	2-3	Chip	0.010	0.01			" - " "
5556	"	"	3-4	Chip	0.012	0.01			" - " "
5557	"	"	4-5	Chip	0.001	0.01			" - " "
5558	"	"	5-6	Chip	0.001	0.01			" - " "
5559	"	"	6-7	Chip	0.001	0.01			" - " "

continued

MT. CALV[illegible] RESOURCES LTD.

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CARIBOO-LIKELY PROJECT - 1984

CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag			D. Heino DESCRIPTION June/July '84
5560	364N	46+00	7-8	Chip	0.013	0.01			Gold Ck - S. side shr zone (N-S trend)
5561	"	"	8-9	Chip	0.001	0.01			" - " " "
5562	"	"	0.75	Chip	0.007	0.01			Gold Ck - N. side - shr zone in gge
5563	386	46+50			5	1.2			pyritic phyllite
*5566	364+20	46+00	0-1	Chip	0.040	0.03			Gold Ck - EW shr zone
5567	"	"	1-2	"	0.047	0.02			" - "
5568	"	"	2-3	"	0.033	0.04			" - "
5569	"	"	3-4	"	0.005	0.05			" - "
5570	"	"	4-5	"	0.001	0.05			" - "
5571	"	"	5-6	"	0.750	0.12			" - "
5572	"	"	6-7	"	0.050	0.05			" - "
5573	"	"	7-8	"	0.084	0.06			" - "
5574	"	"	8-9	"	0.030	0.06			" - "
5575	"	"		Grab	0.118	0.10			Gold Creek - visible gold in qtz vnlt.
*5580	348+50	65+50	60'	Grabs	5	1.6			Grogan Ck - Elev 2+00 - 60' shr zone py, po, as
5581	322N	73+00	1.5m	Chip	5	1.6			Shr zone in py, po
5582	322N	73+50	2.5-4.0	Chip	5	1.4			Shr zone in py, po
5583	351+50	60+25	0-1.3m	Chip	535	21.0			Fidler Ck - qtz vns N30°W
5584			0-1.3m	Chip	10	1.2			Cedar Ck - py, po
5585			1.3-2.6	Chip	10	1.5			" - "
5586			2.6-3.8	Chip	5	1.6			" - "

* Continuous chips

MT. CALV RESOURCES LTD. Page No. 5/5

CARIBOO-LIKELY PROJECT - 1984 CHIP SAMPLE LEDGER

ASSAY TAG No.	SAMPLE LOCATION North	West	SAMPLE WIDTH Metres	Type	Au	Ag	(2nd) Au	3rd Au	D. Heino DESCRIPTION July/'84
5587			1.3	Chip	10	1.4			Cedar Ck. - fg, fp
5588			-	Grab	120	3.0			Cedar Ck - 100' west of zone - 6' wide (gn, fg, fp)
5589			-	Grab	1280	5.3			Cedar Ck old - 300 metres W. of zone -
5590	3514-50	60+25	1.0	Chip	15	1.0			Fisher Ck - qtz vns E. of 5583
5591	9005	200W	0.45	Chip	1300	0.7			CPW - qtz vn in fg
5592	"	"	0.96	Chip	0.382	0.11	0.360	0.442	CPW - 2' east of qtz vn (5591)
5593	"	"	1.3	Chip	0.138	0.07	0.147	0.156	CPW - 6 m E. of 5592
5594	"	"	1.3-2.6	Chip	0.082	0.03	0.099		CPW - " "
5595	9255	160W	0-3.0	Chip	0.063	0.01	0.063		CPW - shr zone in gouge
5596	9305	120W	40'x00'	Grab	0.065	0.01	0.064		CPW - grab sample near old trench
5597	9305	120W	0-1.3	Chip	0.114	0.03	0.100		CPW - chip in old Trench
5598	"	"	1.3-2.6	Chip	0.080	0.03	0.092		CPW - " "
5599	"	"	2.6-3.8	Chip	0.135	0.03	0.104		CPW - " "
5600	"	"	3.8-5.1	Chip	0.015	0.01	0.011		CPW - " " July 31/84
					←	〃			


CARIBOO
RIVER
QUESNEL
RIVER
ROSE
GULCH
ROSETTE
LAKE
DUS CLAIM
JUNE CLAIM
ROSE 3 CLAIM
AST 1 CLAIM
4×5
JOINS PLATE 6
JOINS PLATE 5
sediments
mafic volcanics
volcaniclastics
sediments (cong, sl)
volcaniclastic sediment volcanics
GEOLOGICAL BRANCH
ASSESSMENT REPORT
12,778
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT
A. Schmidt
Oct. 19/84
Figure 4
MT. CALVERY RESOURCES LTD.
CARIBOO - LIKELY PROJECT
GEOLOGY MAP
100 50 0 100 200 300 400 Metres
SCALE 1:5000
DATE: AUG. 84
NTS 93-A-12
BY: A.J.S.
PLATE: 2
NOTE:
SEE SHEET 8 FOR LEGEND.
(Fig. 10)
MAP KEY
CONTOUR INTERVAL 100'

3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
52°40'
121°35'
JOINS PLATE 2
SPINKS
CR
CARIBOO RIVER
NOV 6 CLAIM
NOV 7 CLAIM
settling ponds
placer mine
TY CLAIM
JOINS PLATE 4
MAP KEY
1
2
3
4
5
6
7
8
CONTOUR INTERVAL =100'
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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PROFESSIONAL
PROVINCE OF
A. J. SCHMIDT
BRITISH COLUMBIA
ENGINEER
N
A. Schmidt
Oct. 19/84
NOTE:
SEE SHEET 8 FOR LEGEND
(Fig. 10)
Figure 5
MT. CALVERY RESOURCES LTD.
CARIBOO - LIKELY PROJECT
GEOLOGY MAP
100 50 0 100 200 300 400 Metres
SCALE 1:5000
DATE AUG. 84
NTS 93-A-12
BY A.J.S.
PLATE 3

GEOLOGICAL BRANCH
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Alteration Zone (?)
Sediments
Volcanics
Alteration Zone (?)
POQUETTE LAKE
Pond
Pond
Pond
DIORITE
DIORITE
JOINS PLATE 3
NOTE:
SEE SHEET 8 FOR LEGEND
(Fig. 10)
CONTOUR INTERVAL =100'
PROFESSIONAL
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A. J. SCHMIDT
BRITISH COLUMBIA
ENGINEER
A. Schmidt
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Figure 6
MT CALVERY RESOURCES LTD.
CARIBOO - LIKELY PROJECT
GEOLOGY MAP
SCALE 1:5000
DATE AUG. 84
NTS 93-A-12
BY: A.J.S.
PLATE 4

NOV 3 CLAIM
2x8

NOV 2 CLAIM
4x5

JOEY 2 CLAIM

NOV 1 CLAIM
4x5

NOV 4 CLAIM
8x5

TAMA CLAIM
4x4

AUG 1 CLAIM
3x3

E2 CLAIM
2x3

SUN FRAC.

SPANISH

HEP Frac.

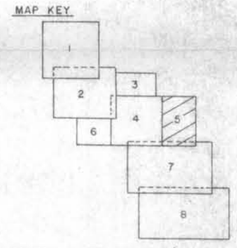
TRIM LINE

TRIM TO JOIN

121° 30'

52° 39'

MAP KEY



CONTOUR INTERVAL = 100'

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A. Schmidt
Oct. 19/84

NOTE:
SEE SHEET 8 FOR LEGEND.

Figure 7

MT. CALVERY RESOURCES LTD.

CARIBOO - LIKELY PROJECT

GEOLOGY MAP

100 50 0 100 200 300 400 Metres

SCALE 1:5000

DATE: AUG. 84 NTS 93-A-11,12

BY: A.J.S. PLATE 5

BULLION MINE (ABANDONED)

NOB 1 CLAIM 1×6

NORE 1 CLAIM 2×3

EASY 7 CLAIM 4×5

EST 1 CLAIM 6×5

EASY 4 CLAIM 4×5

JOINS PLATE 2

JOINS PLATE 4

52°38'

121°37'

SEDIMENTS VOLCANICS

mafic volcanics

volcaniclastics (?)

sediments (?) (cont'd)

volcanics

DIORITE

QUESNEL RIVER

DROP CR.

MAP KEY

1 2 3 4 5 6 7 8

CONTOUR INTERVAL = 100'

NOTE:
SEE SHEET 8 FOR LEGEND.
(Fig. 10)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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A. Schmidt
Oct. 19/84

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

Figure 8

MT. CALVERY RESOURCES LTD.

CARIBOO – LIKELY PROJECT

GEOLOGY MAP

100 50 0 100 200 300 400 Metres

SCALE 1:5000

DATE AUG. 84 NTS 93-A-12

BY A.J.S. PLATE 6

TRIM TO JOIN

HEPBURN LAKE

LIKELY GULCH

DIORITE

Sedimentary Volcanics

QUESNEL LAKE

CEDAR POINT

SPANISH CREEK

52°35'

MAP KEY

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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CONTOUR INTERVAL 100'

Figure 9

MT. CALVERY RESOURCES LTD.
CARIBOO – LIKELY PROJECT

GEOLOGY MAP

SCALE 1:5000

DATE AUG 84 NTS 93-A-11,12

BY A.J.S. PLATE 7

NOTE
SEE SHEET B FOR LEGEND (Fig. 10)

LEGEND:

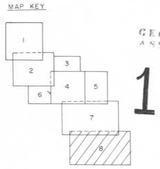
ROCK TYPES

1	SHALE
2	SILTSTONE
3	GREYWACKE, TUFFACEOS
5	POQUETTE CK DIORITE
5a	GROGAN CK. MONZONITE
5b	SUB-VOLCANIC DIORITE
6	AUGITE PORPHYRITIC BASALT FLOW BRECCIA, MASSIVE BASALT, AND NON-FRAGMENTAL PORPHYRITIC ANDESITE
7	POLYMICTIC CONGLOMERATE, GREYWACKE SHALE
8	VOLCANICLASTIC BRECCIA
10	ALTERATION ZONES

SYMBOLS

- FAULT
- OUTCROP
- RUBBLE
- BOULDER
- SMALL OUTCROP
- GEOLOGIC CONTACT
- STRIKE & DIP OF BEDS
- FOLIATION
- FLOAT OF ROCK TYPE 10
- ROCK GEOCHEM
- SWAMP

MAP KEY



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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CONTOUR INTERVAL = 100'

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA

Figure 10

MT. CALVERY RESOURCES LTD.

CARIBOO - LIKELY PROJECT

GEOLOGY MAP

100 50 0 100 200 300 400 Metres

SCALE 1:5000

DATE AUG. 84 N.T.S. 93-A-11, 12

BY A.J.S. PLATE 8