

ASSESSMENT REPORT  
ON THE  
TEDDY GLACIER PROPERTY

CONSISTING OF  
E.G.G. 1 & 2 , FRAN 2 MINERAL CLAIMS

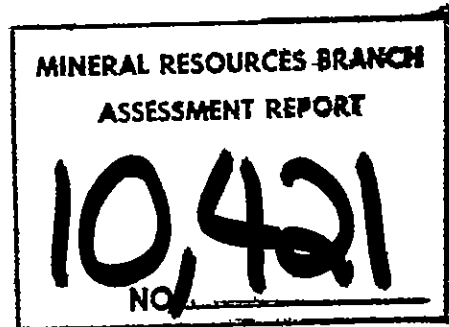
CAMBORNE, BRITISH COLUMBIA  
REVELSTOKE MINING DIVISION

50°52'30" NORTH

117°45' WEST

NTS 82K/13

FOR



SUNSHINE COLUMBIA RESOURCES LTD  
VANCOUVER, B.C.

BY

D.W. BURNS, P.ENG. MAN. DIR. S.C.R.LTD.

MAY 21 - 1982

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SUNSHINE COLUMBIA RESOURCES LTD.

TEDDY GLACIER

NR. CAMBORNE, B.C.

INTRODUCTION

At the request of Mr. G. Alce, President of Sunshine Columbia Resources Ltd., 301-535 West Georgia St., Vancouver B.C. V6B 1Z6. The writer prepared this assessment report as a result of the work done on the Teddy property in 1981.

The field work was under the supervision of Mr. A. Wells of 34760 Marshall Rd. Abbotsford B.C. V2S 4P7. Mr. Wells is a certified Mine Foreman and he reported to the writer of this report.

LOCATION & ACCESS (fig. 1)

The claims lie at an elevation of approximately 2,337 metres A.S.L. and 21 KM. northwest by road from Camborne B.C. The center of the claims is approximately  $50^{\circ}52'30''$  North latitude and  $117^{\circ}45'$  West longitude. The principal claims are called the E.G.G. claims and are shown on the Department of Mines mineral claim map 82K/13E and 82K/13W. Not shown in these maps are the FRAN 2 claims that were staked in 1981 by Mr. Wells for Sunshine Columbia Resources Ltd.

The property is readily accessible by road from Revelstoke in the North and Nelson in the South. From Revelstoke, paved highway 22 leads South to the Galeña Bay ferry. The paved highway continues at route 31 leading to Trout Lake B.C. At Beaton,

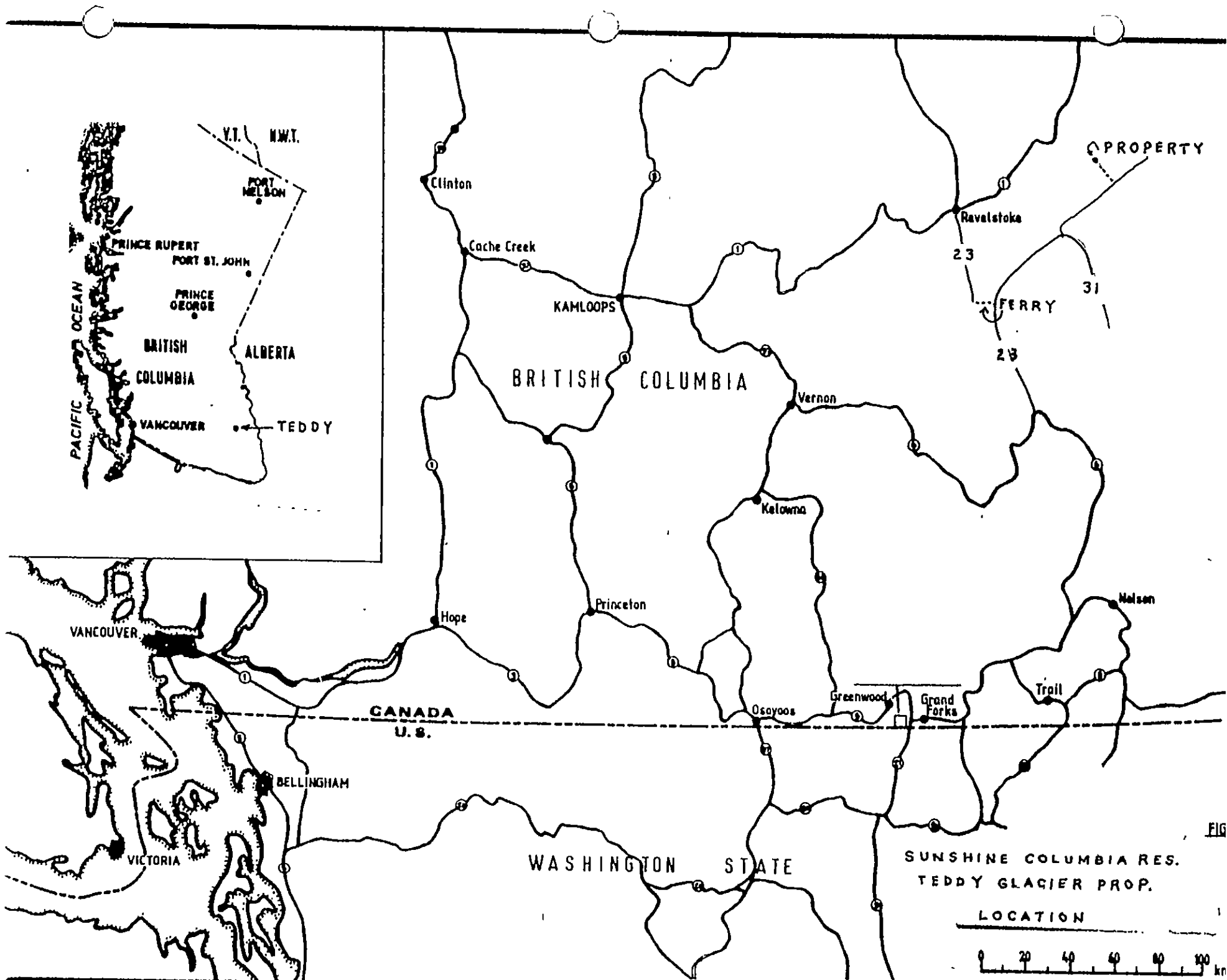
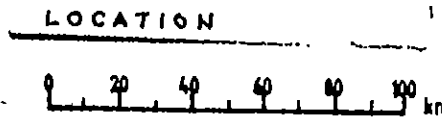


FIG 1

SUNSHINE COLUMBIA RES.  
TEDDY GLACIER PROP.



highway 31 branches with the northern route leading up the Incomappleux River to Camborne. This northern route is not paved but is a well kept logging access road. (fig.1)

#### TOPOGRAPHY & CLIMATE

The Teddy property lies in a mountainous topography. All the main showings are above tree line - which is about 1,900 metres A.S.L.

Snow conditions are quite severe in the higher elevations of the Lardeau and at the Teddy, the snow never leaves the upper most areas of the claims. Normally the property is not accessible by road till late July, but with snowplowing, the present road access would be possible in early July.

#### PROPERTY & OWNERSHIP (fig. 2)

The main claims are called the E.G.G. # 1 and 2. The E.E.G. 2 consists of two units. In 1981 four additional claims were staked by Mr. Wells for Sunshine Columbia Resources and they bound the South boundary of the E.G.G. claims. The four new claims are named the FRAN 2 group. The claims are shown in fig. 2.

The claims are owned by Sunshine Columbia Resources Ltd., a public Company with offices at 301 - 535 West Georgia St. Vancouver B.C.

#### HISTORY

The first showings were discovered by a George Ritchie and George Edge in 1924. They originally found the mineralized

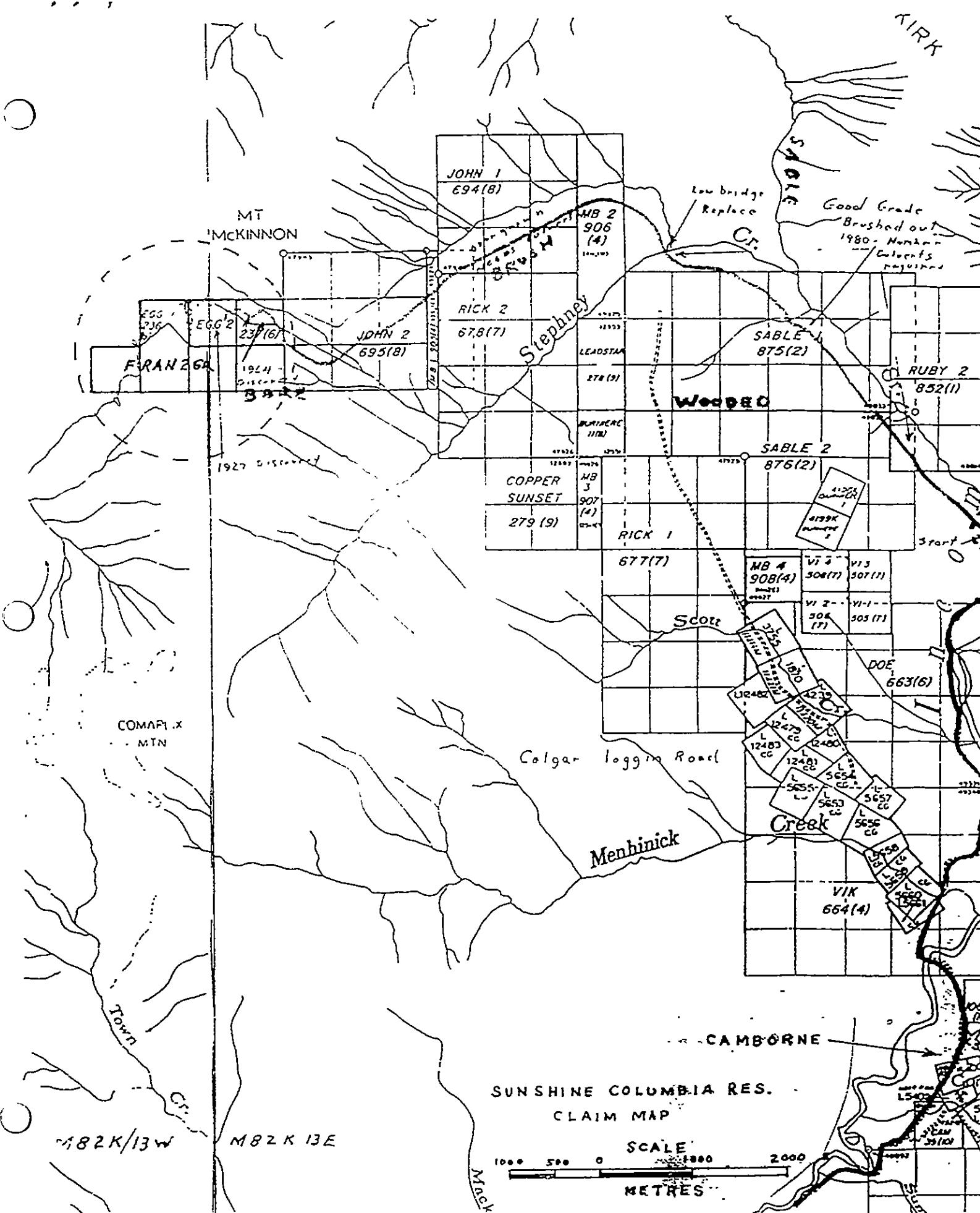


FIG. 2.

float in front of a glacier and later found the mineral in place with the retreat of the glacier. The glacier is mainly snow that remains year round. In 1927 the property was purchased by American interest who spent considerable monies in improving the access trail and driving a crosscut adit and drift under the main showings. In the 30's the property was optioned to an English Company who continued the underground work.

In 1950 the property was taken over by Eastern Canadian interest and during that year 13KM. road was constructed to the main showings. The road was built in a hurry with little ditching and too few culverts. This Eastern Company built the road then dropped its option. The property was then obtained in 1963 by Sunshine Lardeau Mines, the present Sunshine Columbia Resources. In that year and in 1964 the work was under the direction of K.G. Sanders, P.Eng. Much of the money spent went to repair the Incomappleux River Road between Camborne and the junction of the Teddy Road.

The 1964 program consisted of drilling deep holes under the main showing and prospecting. While repairing the road on a prominent ridge, called VIMY Ridge, Lead, Zinc mineralization was found. A number of cuts were dug and blasted to expose the showings. It was the intention to core drill this area in 1964, but the company ceased all operations the following season.

#### GEOLOGY

The property is underlain by a complex series of metamorphosed sediments grading through greenstone, chloritic, and graph-

itic schists. Limestone and limey members are also present. The general strike of the rocks at the main showings is N45°W with steep dips to the northeast. Southeast of the main showings, the rocks in VIMY ridge show much distortion. The ridge is probably the topographic expression of the plunging anticline in the volcanic - sedimentary series. The rocks have been tightly folded and tilted at about 20 degrees to the Southeast. The strike of the fold axis generally conforms with the bedding planes which strike Northwesterly. Bedding planes generally dip Northeasterly and can be measured at almost any angle from flat to vertical. The regional folds have probably been flexed and partially broken. The resulting fractures have locally filled with quartz and carbonates. In the VIMY ridge area, innumerable small quartz veins are found striking North Easterly across the bedding and folding, and they may dip in either direction, but are mostly steep.

#### MINERALIZATION & DEVELOPMENT (fig. 5)

The main showing, located at 2312.5 metres El. consists of two veins called the East and West veins. The two veins join at their South end to form what has been named the big showing. The early development consisted of driving an adit drift for 437.5 metres with branching crosscuts to intersect the two vein systems. This adit was started about 9 metres under the big showing. Mineralization consists of galena, sphalerite, pyrite and chalcopryrite in a gangue of white quartz. Vein widths vary from one metre to two metres in width and the big showing at the vein junctions to 4.5 metres wide. K.G. Sanders report to the directors of Sunshine



in 1964, estimated from the surface exposures of the main vein, the adit development and the diamond drill program, that estimated mineralization above the adit level was 22,340 tons averaging 0.22 oz/ton gold, 8.17 oz/ton silver, 13.0% lead, and 8.5% zinc. A similar tonnage was estimated below the level, but with a much lower mineral content.

#### VIMY RIDGE (fig.5)

The VIMY Ridge showings are located near the South East of the E.G.G. 2. The discovery trench is located adjacent to the Teddy Road as it enters the ridge. This showing is trenched by two deep cuts 50 metres apart. The two trenches are presently sloughed but there is evidence of disseminated lead-zinc mineralization on the exposed walls. The lower trench, according to K.G. Sanders, showed 0.9 metres of width of galena and sphalerite and assayed Au 0.03 oz/ton, 17.0 oz silver per ton, 28.76% lead and 4.15% zinc.

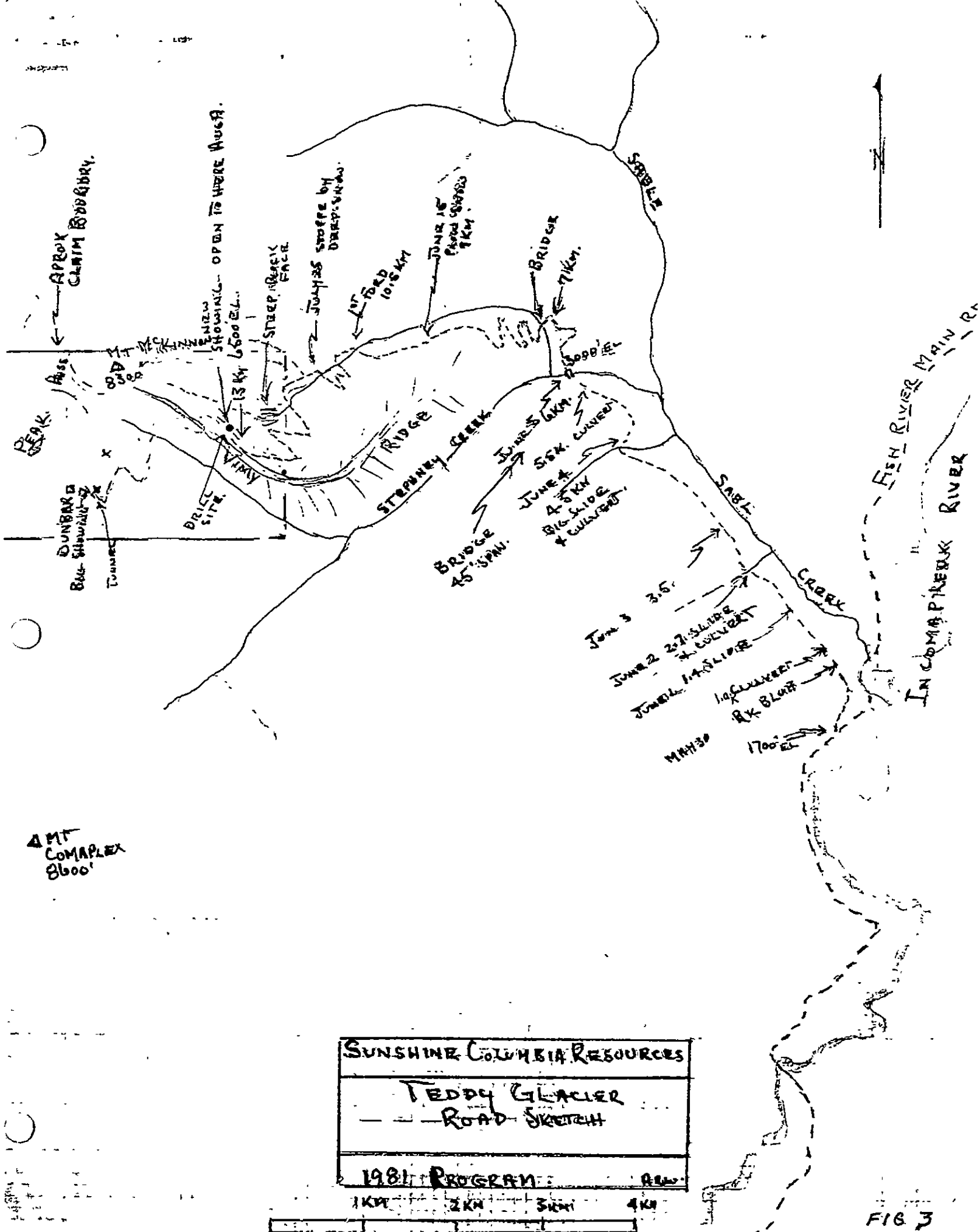
There is very little quartz present and the mineralization appears to be a replacement zone in limey sericitic schist.

#### PROGRAM FOR 1981

The program for 1981 consisted of repair to Teddy Road to VIMY ridge and the main showings, and diamond drill the best showing under VIMY ridge.

#### ROAD PROGRAM (fig. 3)

From Camborne an excellent logging road follows the Incomapleux River upstream. At about 8 KM. from Camborne the Teddy Glacier Road branches up Sable Creek to the property from the



OPEN TO HERE HUGH.

APPROX CLIMB ROAD

DUNBAR BARRIERS

4 MT COMPLEX 8600'

SUNSHINE COLUMBIA RESOURCES  
 TEDDY GLACIER  
 ROAD SKETCH  
 1981 PROGRAM A.W.

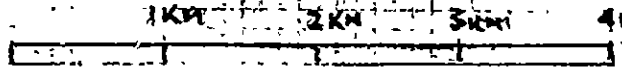


FIG 3

the original Teddy workings. The first 6 KM. along the side of Sable Creek is a fairly level grade. This section was in poor shape, with several slides and complete disappearance of the road. Culverts were plugged, or too small, and no ditching to catch the seepage from the hillside. Above Stephney, the road, though steeper, was mainly covered in buck brush, and lacking in culverts. A required bridge at 7 KM. on Agnes Creek, a tributary of Stephney, was non existent.

The work started on May 30 with two pieces of equipment. A large cat, equivalent to a D-7, was provided for by a Mr. M. Beaumont, who has claims South of the E.G.G. group. Mr. Beaumont's tractor looked after the several deep slides that wiped out the original road. Sunshine Columbia provided a small tractor under contract to the Gunterman Bros. of Camborne B.C., who followed the larger tractor by ditching and replacing, or adding culverts. The larger tractor left just leaving the Stephney Creek bridge. The small tractor took over, following the snowline upwards. Ditching was required through out with a 7.5 metres major bridge at the 7 KM. mark (fig. 3). VIMY ridge was reached on August 4th.

The road by early August was in good condition and it took exactly one hour to drive from Camborne to VIMY ridge, a distance of 21 KM.

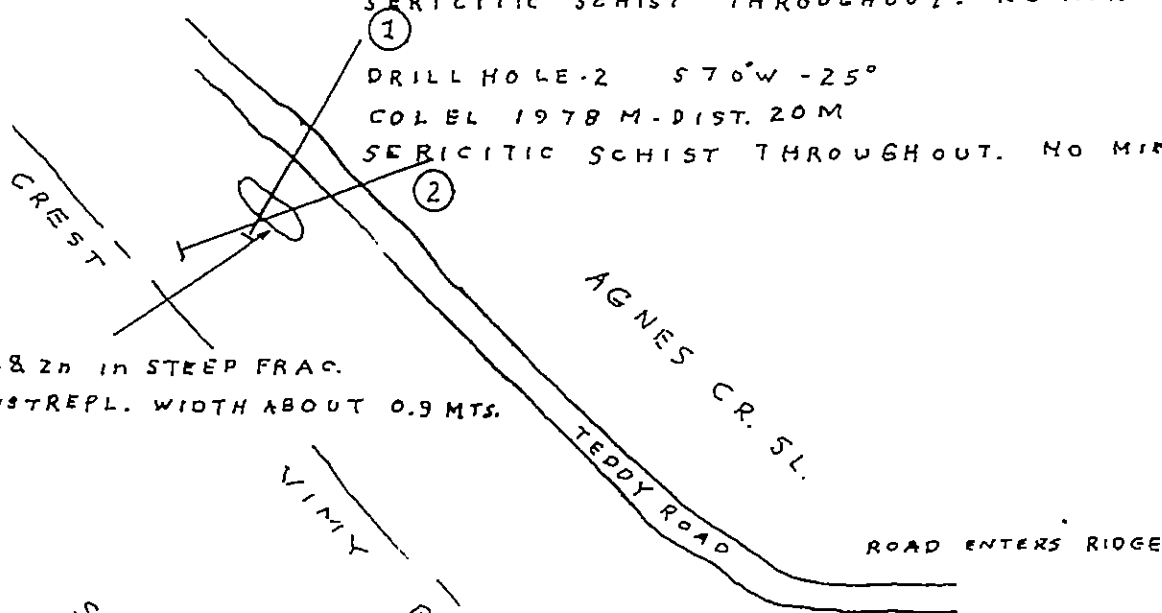
#### DRILLING ( figs. 4 & 5)

The core drilling was under contract to a Mr. M. Chernoff of Salmo B.C. Mr. Chernoff provided a BBS-1 drill, E. core, and this equipment was put on VIMY ridge on August 25. Two holes were drilled as shown in (fig. 4). The results were negative. Two



DRILL HOLE 1 S 30°W - 45°  
 COL EL 1978 M DIST. 22.5 M  
 SERICITIC SCHIST THROUGHOUT. NO MIN.

DRILL HOLE 2 S 70°W - 25°  
 COL EL 1978 M - DIST. 20 M  
 SERICITIC SCHIST THROUGHOUT. NO MIN



EL. 1981 M  
 TRENCH-Pb & Zn in STEEP FRAC.  
 LIMBY SCHIST REPL. WIDTH ABOUT 0.9 MTS.

STEPHNEY CR. SL.

EL 1971 M  
 TRENCH SHOWS IRREG. REPL. OF LIMBY  
 SCHIST BY Pb, Zn - LIES WITH THE BEDDING  
 TRENCH SLOUGHED - REPORTED 1964 0.9 M WIDTH

SUNSHINE COLUMBIA RES.  
 VIMY RIDGE  
 DRILLING PROGRAM  
 AUG - 1981

*Dub*



FIG 4.

further holes were planned, but because of a new find on our Spider claims on Pool Creek, and the lateness of the season, the Teddy program was postponed. The drill was then moved to Pool Creek.

#### HOLES DRILLED

The two holes drilled, 23.4 metres and 20 metres under the mineralized cut showed sercitic schist throughout, with no evidence of mineralization. The cores from these two holes were stored in Camborne with the rest of our core from the Spider property on Pool Creek.

#### RESULTS

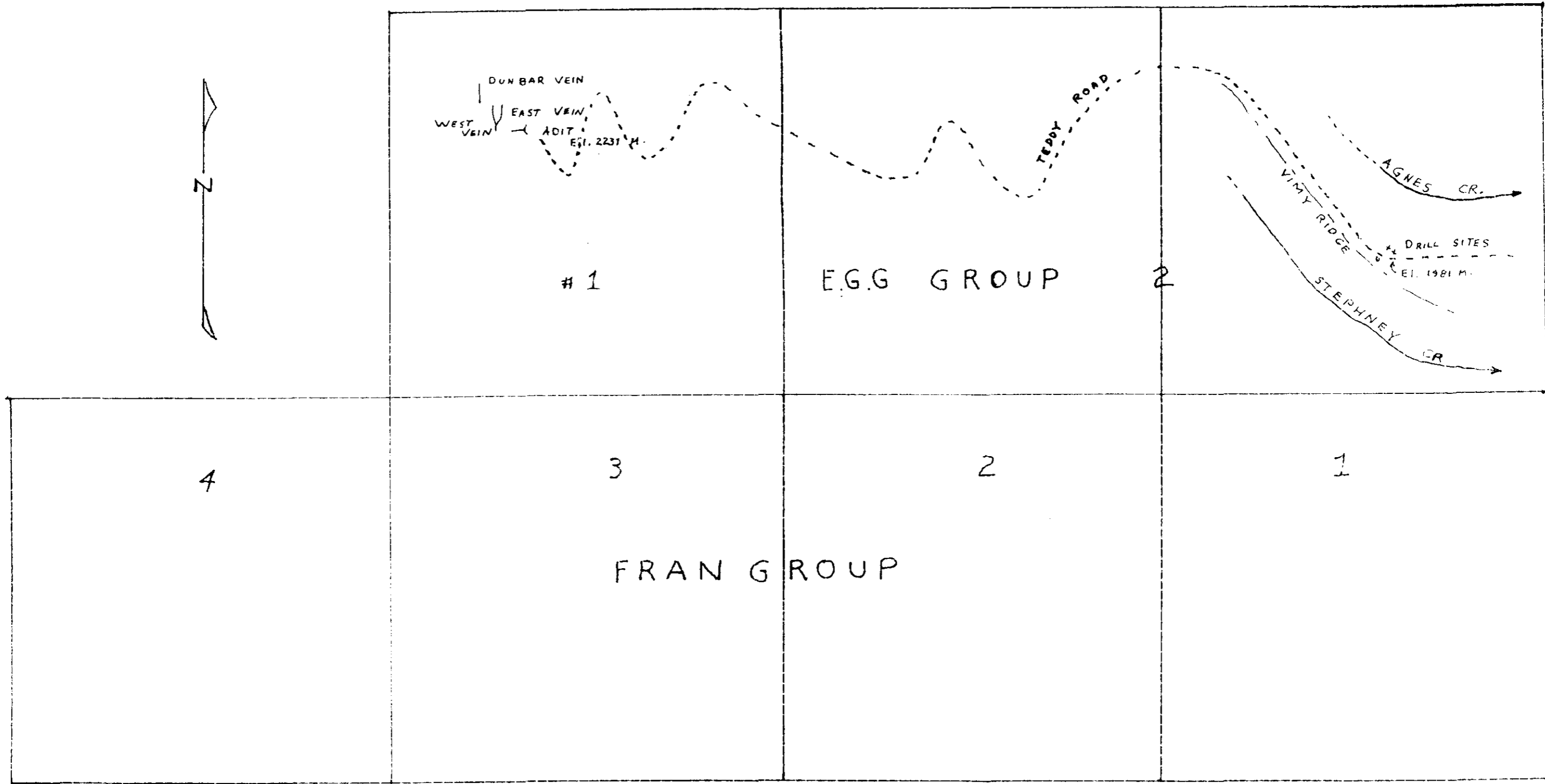
The mineralization found in the drilled trench apparently is just a surface showing with no continuity. A third hole was planned to cut under the lower trench but as mentioned, was postponed for the 1981 season.

Respectfully submitted,

D.W. Burns, P.Eng. Man. Dir.

301 - 535 West Georgia St.,  
Vancouver B.C.  
V6B 1Z6

May 21, 1982



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
**19421**  
 No.

SUNSHINE COLUMBIA RESOURCES  
 E.G.G. & FRAN GROUPS  
 LARDEAU DIST. REVELSTOKE, B.C.  
 DJB MAY-1982  
 SCALE IN METRES

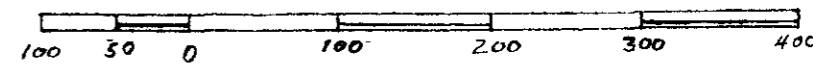


FIG. 5

TEDDY ROAD COSTS

Contractor Gunterman Bros. Camborne B,C. ** Repairing road, culverts, ditching, building bridge			\$ 8,100.00
Professional Engineering consultation			700.00
Supervision			
May 17,30	11 Hrs. @ \$17.308	\$	190.39
June 1-5,8, June 10-12, June 15-16,	31 Hrs. @ \$17.308		536.54
July 14-20, July 22-25, July 28,	88 Hrs. @ \$17.308		1,523.10
Aug. 7- 9, Aug. 11-12, Aug. 17-18, Aug. 21,	63 Hrs. @ \$17.308	<u>1,090.40</u>	3,340.43
Swamper			
June 10-12, June 15-16	37.5 hrs. @ \$8.97 Traveltime 12 Hrs. @ \$8.97 Overtime 5 Hrs. @ \$13.455	336.38 107.64 <u>67.28</u>	511.30
Accrued Vacation Pay 4% on \$3,851.73			154.07
Workers Compensation 4.2 x \$4,551.73 + 100			191.17
Truck mileage			
May 17,30	32 Km. @ \$.50	\$	16.00
June 1-5,8, June 10-12, June 15-16,	134.3 Km. @ \$.50		67.15
July 15-20, July 22-25, July 28,	184. Km. @ \$.50		92.00
Aug. 7- 9, Aug. 11-12, Aug. 17-18, Aug. 21,	336 Km. @ \$.50	<u>168.00</u>	343.15
Gas, oil, repair			278.91
Camp supplies			58.71
Travel			253.72
Phone			<u>6.73</u>
		<u>TOTAL TEDDY ROAD REPAIR</u>	<u>\$13,938.19</u>

\*\* Contract \$45./Hr. @ 180 Hours. Includes TD-8 tractor and two men.

DRILLING COSTS

Drilling contracted to Chernoff Diamond Drilling  
Salmo B.C.

Mobilization		\$	200.00	
Vimy hole #1, Angle - 45°	22.88 metres	@\$49.17 per Mt.	1,125.00	
Vimy hole #2, Angle - 25°	19.52 metres	@\$49.18/Mt.	960.00	
21 hrs. labour @\$16.50			<u>346.50</u>	\$2,631.50
Professional Engineering consultation				300.00
Supervision				
Aug.13	8 Hrs.	@\$17.308 check mineralized area along Vimy	138.46	
Aug.15	8 Hrs.	@\$17.308 deliver waterline and examine water source	138.46	
Aug.24	8 Hrs.	@\$17.308 trip to Salmo to pick up BBS-1 drill	138.46	
Aug.25-30	48 Hrs.	@\$17.308	<u>830.78</u>	1,246.16
Accrued Vacation pay				
4% on \$1,246.16				49.85
Workers Compensation				
4.2 x \$1,546.16 ÷ 100				64.94
Truck mileage				
Aug.13, 15,				
Aug.25- 30,	336 Km.	@\$.50	168.00	
Aug.24	Trip to Salmo	470 Km. @\$ .30	141.00	
Gas. oil				247.46
Camp supplies				68.16
Mine supplies				28.79
Drilling supplies				12.54
Travel				<u>98.79</u>
			<u>TOTAL DRILLING EXPENSES</u>	<u>\$5,057.19</u>



REFERENCES

Dept. of Mines, B.C. Annual reports 1925 - 1930,  
1935.

Private formal report, K.G. Sanders, 1964

CERTIFICATE

I, David W. Burns, with residence at 12136 New McLellan Road, Surrey B.C. DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of B.C., in Geological Engineering, 1944.
2. I am a member of the Professional Engineers of B.C. since 1950.
3. I have been practising my profession, both geological and supervising mine operations, for the past 38 years.
4. I am familiar with the area, having been employed by Sunshine Lardeau Mines, the present Company, from 1950-1952.
5. I visited the operations on a two weekly basis during the 1981 season.
6. The costs shown are the expenditures I signed for on behalf of Sunshine Columbia Resources Ltd.

D.W. Burns, P.Eng. Man. Dir.

Surrey B.C.

May 21, 1982