

File

822648

→ Colin
F-11

82F/8E

27 March 1992
Box 56
Kimberley, B.C.
V1A 2Y5
(604)427-5670

Ian Pirie
Minnova Inc.
4th Floor, 311 Water Street
Vancouver, B.C., V6B 1B8

Dear Ian;

I enjoyed our brief chat near Jerome, Arizona during the field trip to the Verde Mining District.

I could see a lot of similarity between the geology of that area and the areas surrounding some of the deposits in the Archaen belts in Eastern Canada. Obviously you made the same observation.

I promised to send you a report on a property I have an interest in. The Prospector's Dream. When I checked my file on the property I found that Paul Baxter examined it in 1989. Minnova was not interested in the property at that time. I have enclosed a copy of Paul's letter.

I thought, however, that as we completed a trenching program on it during 1991 and that Minnova has a fair commitment in this area I would send you the latest report to keep your file updated. If you are interested I would be pleased to show you the property again.

I will also send you some information on another property when I get it assembled. It is a base metal property that has been only cursorily explored as a tungsten property. My partner (Ed Frost, 489-4509) and I have scientific and field evidence that indicates it is an exhalite type property.

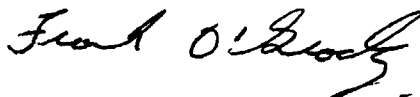
We are having an early spring here in the Kootenays. I have been fishing from a boat a couple of times already. Usually this time of year we are still ice fishing.

I have enclosed a specimen of the "ore" from the Prospector's Dream. If you look on the cut face with a hand lens you will see visible gold.

I am sending the enclosed report on speculation. You are under no obligation. You are free to copy it, keep a record of it in your files, and show it to anybody you wish.

Sincerely,

Frank O'Grady P. Eng.



FRANK O'GRADY, P. ENG.

Minnova Inc.
Mining Innovation
4th Floor
311 Water Street
Vancouver, British Columbia
V6B 1B8
Telephone (604) 681-3771
Telecopier (604) 681-3360

October 24, 1989

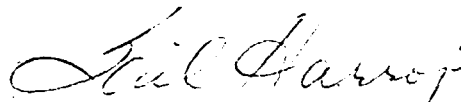
Frank O'Grady
Box 56
Kimberley, B.C.
V1A 2Y5

Dear Frank:

At this time Minnova does not wish to pursue the Prospector's Dream property. Thank you for the opportunity to view the property and data.

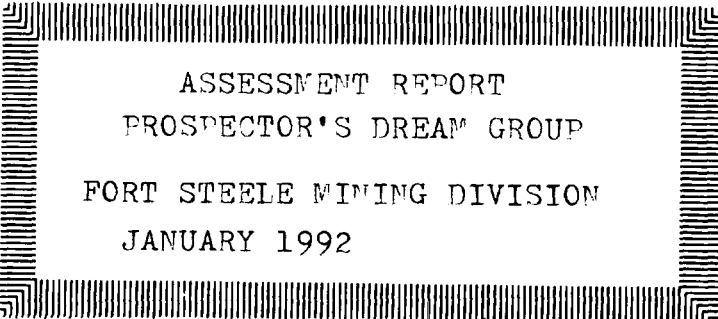
Please find enclosed the data and results supplied on the property as well as a copy of results for samples taken during my visit.

Yours truly,



per Paul Baxter

PB/gh



ASSESSMENT REPORT
PROSPECTOR'S DREAM GROUP
FORT STEELE MINING DIVISION
JANUARY 1992

GEOLOGICAL REPORT

on trenching

on the PROSPECTORS DREAM GROUP

including Reverted Crown Grants

PROSPECTOR'S DREAM, OLD ABE and BEND'OR

plus Two-Post Mineral Claims

KEN 2, KEN 3, KEN 4,

KEN 5, KEN 6, KEN 7 & KEN 8

situated in

the FORT STEELE MINING DIVISION

NTS 82F/8E

LATITUDE 49° 26'

LONGITUDE 116° 01'

CLAIM OWNER: EDWARD J. FROST

OPERATOR: EDWARD J. FROST

CONSULTANT: FRANK O'GRADY, P.ENG.

AUTHOUR: FRANK O'GRADY, P.ENG.

STATEMENT OF WORK SUBMITTED: NOVEMBER 1, 1991

DATE REPORT SUBMITTED: JANUARY 16, 1992

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INTRODUCTION

Ed Frost controls the Prospectors Dream Group consisting of three reverted Crown Grants and 7 two-post mineral claims. This claim block is situated approximately 19 Kilometers southwest of Cranbrook, British Columbia (Figure 1).

During October 1991 a program of trenching, utilizing a 225 Caterpillar excavator in backhoe configuration, was carried out on the area of the reverted Crown Grants PROSPECTOR'S DREAM and OLD ABE. A total of twelve trenches were excavated. The overburden was removed and, with the aid of the ripper tooth on the backhoe bucket, the trenches were dug into bedrock to depths ranging from one meter to three meters.

Figure 5, at a scale of 1:1000 over approximately 60 hectares, is a plan of the trenching. The twelve trenches were geologically mapped in detail at a scale of 1:100. All shear zones exposed in the trenches were sampled, as well as the quartz veins situated within the shear zones. The 32 samples were sent to Acme Analytical Laboratories Ltd. in Vancouver for gold analysis by fire assay. In addition, two of these samples were then analysed by I.C.P. method.

PROPERTY

The property consists of three reverted Crown Grants and the KEN two-post mineral claims:

Reverted Crown Grants	Record #	Lot #
PROSPECTOR'S DREAM	2786	3772
BEND'OR	2787	3773
OLD ABE	2788	3774

Two-Post Claims	Record #
KEN 2	1145
KEN 3	1146
KEN 4	1147
KEN 5	1148
KEN 6	1149
KEN 7	1150
KEN 8	1151

The property, hereafter referred to as the PROSPECTORS DREAM Group (Figure 4), is owned and operated by Ed Frost of Fort Steele, British Columbia. This group is also known as the Ken Group.

LOCATION & ACCESS

The Prospectors Dream Group is located in the Purcell Mountains approximately 19 kilometers southwest of Cranbrook, B.C. (Figure 2). Elevations range from 1676 meters (5500 feet) to 1800 meters (5900 feet) above sea level.

The claims are situated on the drainage of an unnamed tributary of Weaver Creek which is a tributary of the Moyie River.

Access to the property from Cranbrook, B.C. is by proceeding south from Cranbrook on Highway 93 a distance of 12 kilometers to where the Lumberton forest access road branches to the west. Proceed west on the Lumberton Road a distance of 10.3 kilometers to the Noke Creek Road. (The Noke Creek Road is not marked and could easily be missed.) Then by proceeding north on the Noke Creek Road a distance of 3.7 kilometers the road forks and is followed on the left fork a distance of 3.6 kilometers. At this point the road again forks and the initial post of two-post claim KEN 2 is situated on the north edge of the road. Also, this location is near the south boundary of reverted Crown Grant BEND'OR (Lot 3773).

HISTORY

The Prospectors Dream property is referred to in the Report of the Minister of Mines 1898 (Appendix 2). Therefore, the two declines, two shafts and numerous hand trenches were excavated prior to 1898.

Ed Frost, the present owner, acquired the property in 1978. During 1979 Mr. Frost had a branch road put into the property by bulldozer from an existing logging road to the mineralized showings. In addition, some of the old workings were exposed by bulldozer in that year.

During 1983 the property was optioned to William Inverarity who in turn optioned it to Fenway Resources. The property then formed part of the Weaver claim group most of which is situated adjacent to and immediately west of the current Prospectors Dream group. The Weaver claim group was explored during 1983 and 1984, however, no work was conducted on the area underlying the Prospectors Dream group.

The Prospectors Dream group was returned to Ed Frost in 1988. During 1989 Ed Frost retained Frank O'Grady, P.Eng. to conduct a program of geological mapping and sampling on the area of the old workings situated on reverted Crown Grants BEND'OR (lot 3773), PROSPECTOR'S DREAM (lot 3772), and OLD ABE (lot 3774). An assessment report on this work was submitted to the Minister of Mines January 26, 1990.

AREA GEOLOGY

Geological Survey of Canada Open File 820 (1981) of the Grassy Mountain Map Sheet exhibits the general geology of the area. The mapping was carried out by J.E. Reesor of the Geological Survey of Canada during 1980 and 1981. A portion of the map and the accompanying legend form Figure 3 of this report.

The aforementioned map shows the area of the Prospectors Dream group underlain by Middle Aldridge sediment and massive intrusive. Detailed mapping by the authour confirmed these two rock types on the mapped area.

The Geological Notes that accompany Open File 820 state: "Commonly major valleys are drift covered, as well as the zone between 5500 and 6500 feet elevation."

The Prospectors Dream Group lies between 5500 feet (1676 meters) and 5900 feet (1800 meters). It is, with the exception of the showing area, drift covered.

GEOLOGICAL DESCRIPTION & VALUATION

Two principal rock types underly the Prospectors Dream claim group. The northern portion of the showing area is underlain by Middle Aldridge sediments of argillite and quartzite composition. These sediments are in beds of 10 centimeters to 70 centimeters thick. They strike approximately 15 degrees east of north and dip 45 degrees to the west. The southern portion of the showing is underlain by diorite of the Moyie sills.

As a result of the mapping program conducted in 1989 by Frank O'Grady, P. Eng. a decision was made to carry out a program of trenching, detailed mapping and sampling on five areas on reverted Crown Grants PROSPECTOR'S DREAM and OLD ABE.

The five areas selected were:

- 1) Shaft Area - situated on the north end of PROSPECTOR'S DREAM
- 2) Decline Area - situated on the north end of OLD ABE
- 3) Quartz vein in the diorite area - immediately east of Area 2
- 4) "Bush trench" area
- 5) Trench 91-8

The purpose of the trenching in Areas 1 and 2 is to determine if the gold bearing quartz veins in these areas can be extended by trenching. The purpose of the trenching in Area 3 is to determine if there is gold of economic significance in the quartz vein. The purpose of the trenching in Areas 4 and 5 is to determine if quartz veins containing economic gold values are present.

Figure 5 of this report is the plan of the trenching. The boundaries were located by topographic map. The trenches, including sample locations and values, are mapped in Figures 6-15, 17 and 18. Figure 16 is the Old North Shaft.

Appendix 1 of this report contains the assay certificate and sample locations information. The rock samples were analysed by Acme Analytical Laboratories Ltd. in Vancouver using the fire assay method for 32 samples. In addition, they then analysed two of the samples by I.C.P. method, the process for which is explained on the assay certificate.

1) Shaft Area

This area is underlain by Middle Aldridge sediments of quartzite composition. Mapping in 1989 outlined a quartz vein .3 meters wide with an accompanying shear zone exposed in the old shafts in this area (figure 16). In 1989 grab samples from the vein assayed at 1.34 oz/ton gold and .85 oz/ton gold.

A total of six trenches were excavated in this area approximately along the projected strike of this vein. In addition, one trench was excavated to examine the contact between the sediments and intrusive.

Trenches 91-1 to 91-4 inclusive, on the north projection of the shear zone-quartz vein structure, encountered minor shears containing minor amounts of quartz. The assays (appendix 1) from these zones indicate gold is not present in economic values within the shear exposed in these trenches. Detailed mapping and assay values form figure 6 to figure 9 inclusive.

Trench 91-5 was excavated between the old north shaft and the old south shaft (see figure 5). This trench encountered a shear zone 1.0 meter wide containing a quartz vein .33 meters wide on the footwall side of the shear. A chip sample across the vein exposed in this trench assayed .277 oz/ton gold (figure 10).

Trench 91-6 was excavated on the southern projection of the shear zone-quartz vein structure exposed in the old shafts situated 20 meters and 45 meters to the north (see figure 5). Three minor shears and accompanying quartz were encountered in trench 91-6. The material from two of the three shears assayed at .024 and .046 oz/ton gold (figure 11). These values are not of economic significance but are geochemically interesting as it could indicate these minor shears are conjugate shears from the main shear situated to the north which does contain economic values.

Evaluation of the mapping and sampling of this area indicated gold values of economic interest occur in the old north shaft, the old south shaft, and in trench 91-5 situated between the shafts. The location of the shear zone-quartz vein structure in these three sites also indicates that this structure is near the nose of a fold in this structure. This fold could be from folding of the sediments resulting from the intrusion of the nearby Moyie sill or from orogenic folding.

As a result of the 1991 program, a future program of trenching in this area will concentrate on the area east of the north-south projection of the shear zone-quartz vein structure exposed in the old north shaft, the old south shaft, and trench 91-5. The objective of the trenching will be to determine if the shear zone-quartz vein structure strikes from where it is exposed in a northeasterly and southeasterly direction.

Trench 91-7 (figure 12) was excavated to examine the contact between the sediments and the Moyie intrusive. No rock type of economic significance was encountered and, consequently, no sample was taken for assay.

2) Decline Area

This area is underlain by material of the Moyie sill of diorite composition. Mapping in 1989 revealed a shear zone approximately 1 meter wide containing a quartz vein of varying thickness. A grab sample of the material from this area assayed at 2.13 oz/ton gold in 1989.

Trench 91-11 was excavated along the shear zone-quartz vein structure. Eight assays were taken at 3 meter intervals along the shear zone-quartz vein structure. Figure 17 exhibits the assay results and sampled widths.

Examination of the decline driven to the east on the shear zone-quartz vein structure indicates the zone pinching down to a narrow width to the east within a few meters. Three of the four samples taken at 3 meter intervals on the southernmost end of the trench returned assays of economic value (figure 17).

The shear zone-quartz vein structure ends abruptly to the south and it appears to be cut off by a possible fault. The zone pinches out to the north as it approaches the Aldridge sediments.

It is difficult to interpret if the shear zone-quartz vein structure is a vein-type deposit or if it is a pod-like structure derived from the enclosing parent magma.

A further program in this area will require diamond drilling. The drilling will be designed to determine if the shear zone-quartz structure continues to the east and to determine if the pod-like structure containing the values in this area could be one of several "stacked up" pods within the Moyie intrusive.

3) Quartz Vein Diorite Area

During the course of the fieldwork on this program a quartz vein was encountered in the Moyie sill material immediately east of the south decline area.

Trench 91-9 (figure 14) was excavated to better expose this vein and to get an attitude on it. The vein was sampled and found not to be of economic significance.

Trench 91-10 (figure 15) was excavated a few meters north of trench 91-9 to determine if there was any veining or shearing in the sediment adjacent to the intrusive. This trench revealed only bedded sediments.

4) Bush Trench Area

During the course of prospecting and examination of the area by owner Ed Frost before 1989, he encountered an old sloughed in trench and an accompanying "high grade pile" near the west central boundary of the PROSPECTOR'S DREAM reverted Crown Grant. A grab sample from the high grade pile taken by Frank O'Grady, P.Eng. during the 1989 mapping program assayed 1.03 oz/ton gold.

Trench 91-12 (figure 18) was excavated along the outline of this old "bush trench". No vein or shear zone was encountered in this trench. It has been concluded that high grade float was encountered in this area during the 1890's and so a trench was dug. Then the accompanying "high grade pile" was derived from float encountered during the digging of this trench in the 1890's.

5) Trench 91-8

During the course of fieldwork Ed Frost, owner of the property, encountered quartz in the road cut. Trench 91-8 (figure 13) was excavated to determine the extent of quartz material in this area.

A shear zone 1.0 meter wide with accompanying quartz and some iron oxide coated pyrite was encountered in trench 91-8. A sample taken across the shear assayed at .004 oz/ton gold. This result is not of economic significance but may be considered a geochemical indicator of higher values along the strike of the shear.

It is not possible to determine if the shear zone exposed in trench 91-8 is the same shear zone-quartz vein system exposed in the northern Shaft Area.

CONCLUSION

Trenching in the Shaft Area and the Decline Area has encountered material of economic grade in mineable widths. However, sufficient volume of mineable material has not been encountered as of yet.

Further trenching is required in the Shaft Area to determine if the shear zone-quartz vein structure continues in a northeasterly and southeasterly direction. After that, diamond drilling will be required to test for the structure at depth.

In the Decline Area diamond drilling is required to test for more pod-like structures at depth and to determine the easterly extent of the gold bearing structure.

The remainder of the Prospectors Dream group should be examined to determine if there are more shear zone-quartz vein structures present under the overburden.

The I.C.P. analysis of sample 84059 from trench 91-5 and sample 84068 from trench 11 indicate anomalous values in lead and zinc associated with the gold bearing zones. Therefore, a program of geochemical sampling over the claim group may indicate more areas to investigate by trenching.

BIBLIOGRAPHY

1. Report of the Minister of Mines 1898
2. Geological Survey of Canada Open File 820 (1981)
Grassy Mountain Map Sheet by J.E. Reesor
3. Assessment Report on the Prospectors Dream Group
by Frank O'Grady, P.Eng., submitted January 26, 1990

ITEMIZED COST STATEMENT

TOTAL COST

Physical - trenching

Contractor: Price Excavating

Oct. 3,4 & 7: 18.5 hrs @ \$110/hr

plus mob and demob, Invoice 83668

\$2,555.00

Geological & Management

Frank O'Grady, P.Eng.

on-site for contractors' cost estimates,

mapping, direction of excavator,

direction of sampling

Oct. 1-4, 7 & 8: 6 days @ \$350/day

2,100.00

Transportation, 4 wheel drive

6 trips x 123 Km x .25/Km

184.50

Edward J. Frost, tail chaining &

geological assistant

Oct. 1,2,4 & 7: 4 days @ \$150/day

600.00

Transportation, 4 wheel drive

4 trips x 107 Km x .25/Km

107.00

Geochemical

Cam Grundstrom, B.S. Min.Eng., Montana Tech

sampling & assistant geologist

Oct. 8: 1 day @ \$250/day

250.00

Acme Analytical Laboratories Ltd.

32 gold samples plus 2 I.C.P.

429.07

Freight on assays

41.84

Report Preparation

Frank O'Grady, P.Eng. including drafting

4 days at \$350/day

1,400.00


Total

\$7,667.41

AUTHOUR'S QUALIFICATIONS

I, Frank O'Grady, address Box 56, Kimberley, B.C.,
604-427-5670, hereby certify that:

- 1) I am a graduate of the University of British Columbia,
B.SC. Geology 1969.
- 2) I am a graduate of the University of Missouri - Rolla
(Missouri School of Mines), B.S. Mining Engineering 1977.
- 3) I am a registered Professional Engineer in the Province
of British Columbia since 1978.
- 4) I have practiced my profession as a Geologist since
1969 and as a Geologist-Mining Engineer since 1977.


Frank O'Grady
Frank O'Grady P.Eng.
January 17, 1992

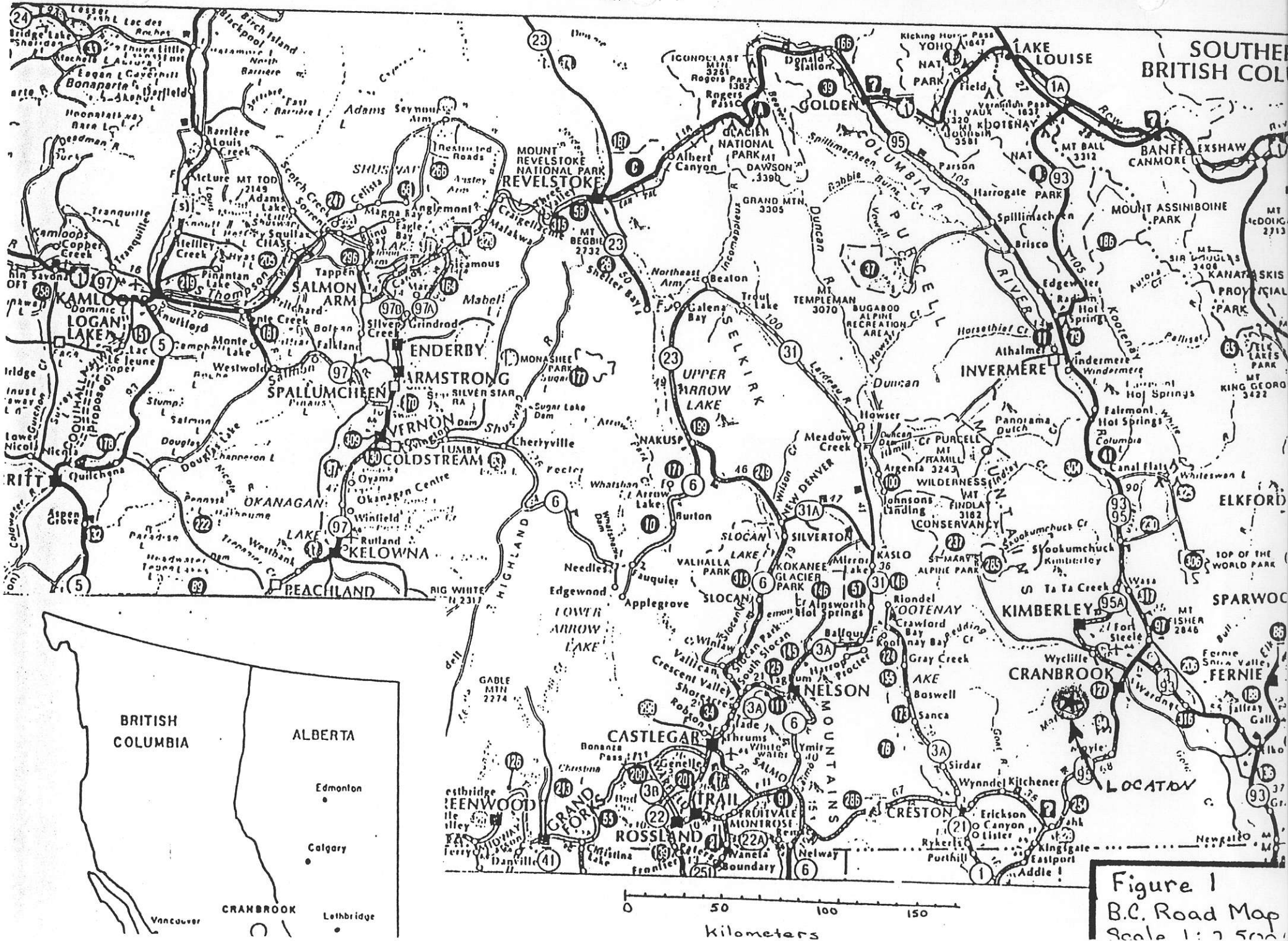


Figure 1
B.C. Road Map
Scale 1:250,000

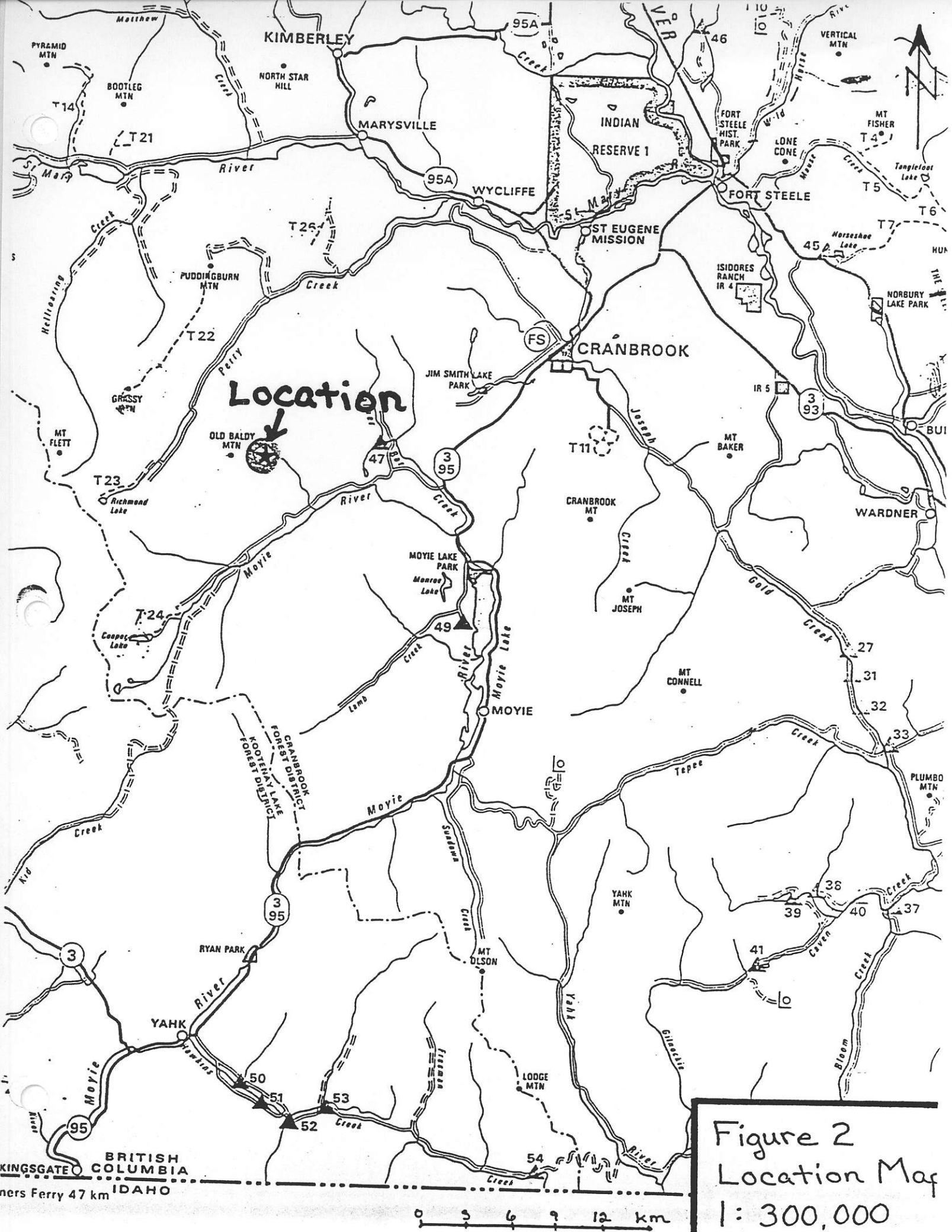


Figure 2
Location Map
1: 300,000

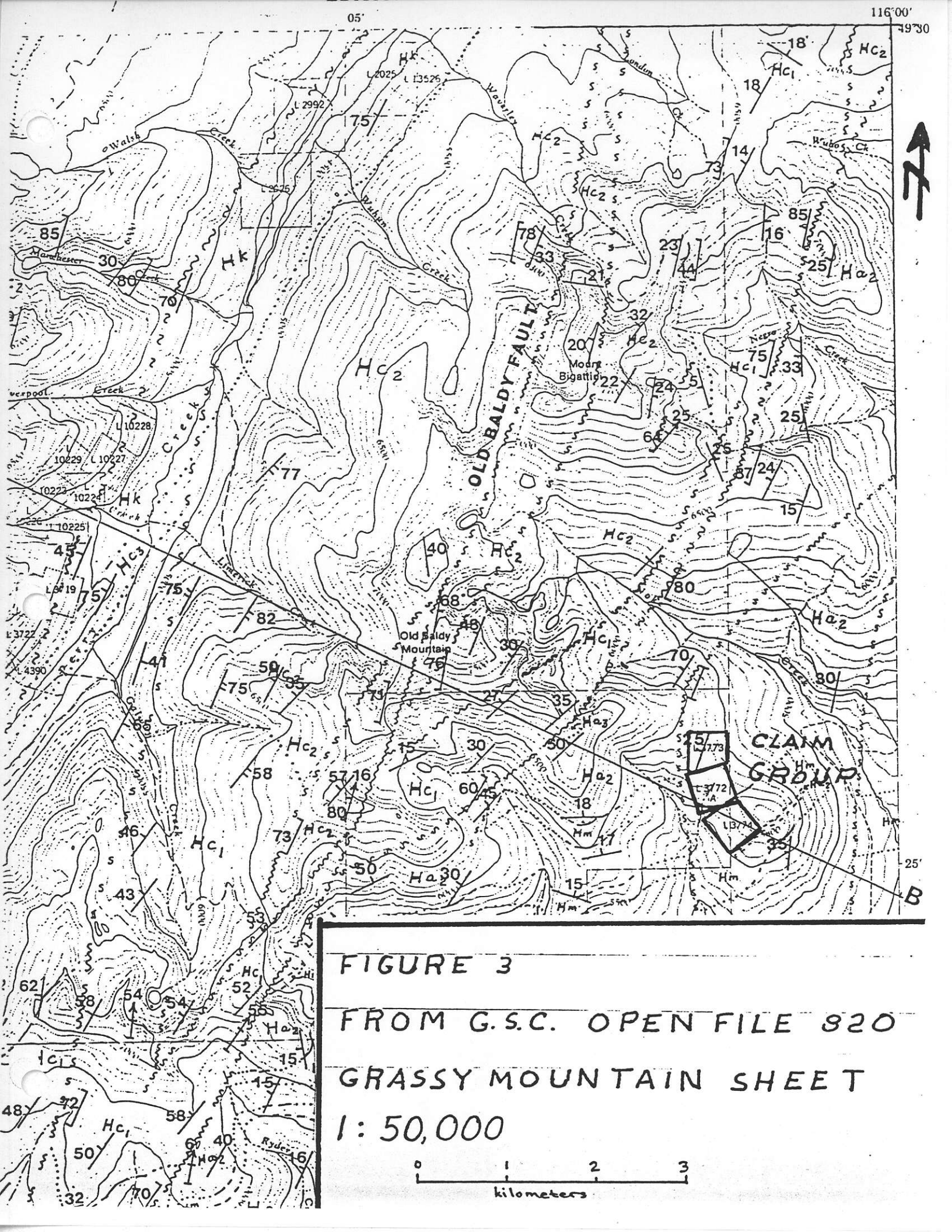


FIGURE 3
 FROM G.S.C. OPEN FILE 820
 GRASSY MOUNTAIN SHEET
 1 : 50,000

0 1 2 3
 kilometers

PALEO

Ec

CRANBROOK FORMATION: siliceous, white, purple and quartzite; purple argillite and argillaceous quartzite; gritty quartzite, pebble and cobble conglomerate.

LOWER CAMBRIAN(?)

Ec1

CRANBROOK FORMATION(?): Conglomerate, angular to clasts to cobble size derived from Purcell strata Middle Creston and younger rocks.

HELIKIAN

PURCELL SUPERGROUP

Hm

MOYIE INTRUSIONS: Sills and minor dykes of diorite, diorite; metamorphic equivalents.

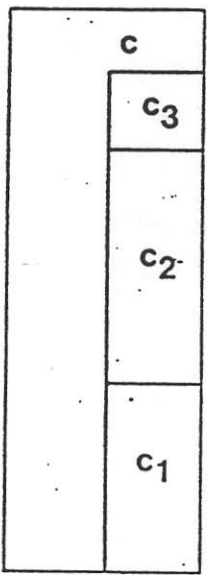
Hd

DUTCH CREEK FORMATION(?): Black and grey and brown grey, thin-bedded argillite and siltstone.

Hk

KITCHENER FORMATION: lower part, green argillite and siltstone with interbeds of buff to brown silty dolomite and dolomitic argillite; upper part, black argillite and buff to brown silty dolomite and dolomite; grey, tan coloured siltstone; very thin-bedded.

PROTEROZOIC

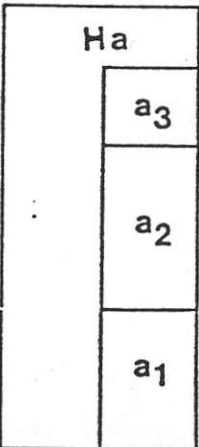


CRESTON FORMATION: undivided

UPPER CRESTON: deep green siltstone, light and dark grey, thinly laminated argillite and siltstone; purple

MIDDLE CRESTON: grey, blocky siltstone and very silty quartzite in beds to 30 cm or more, commonly ripple marked, and commonly purple lined or mottled; black and deep purple argillite and thin-bedded siltstone; medium-grained quartzite commonly associated with mud-chip breccias.

LOWER CRESTON: thin-bedded dark argillite and grey siltstone characterized by irregular pinching and chert beds, ripple cross-lamination, mud-cracks, minor fill features; green siltstone with thin interbedded argillite.



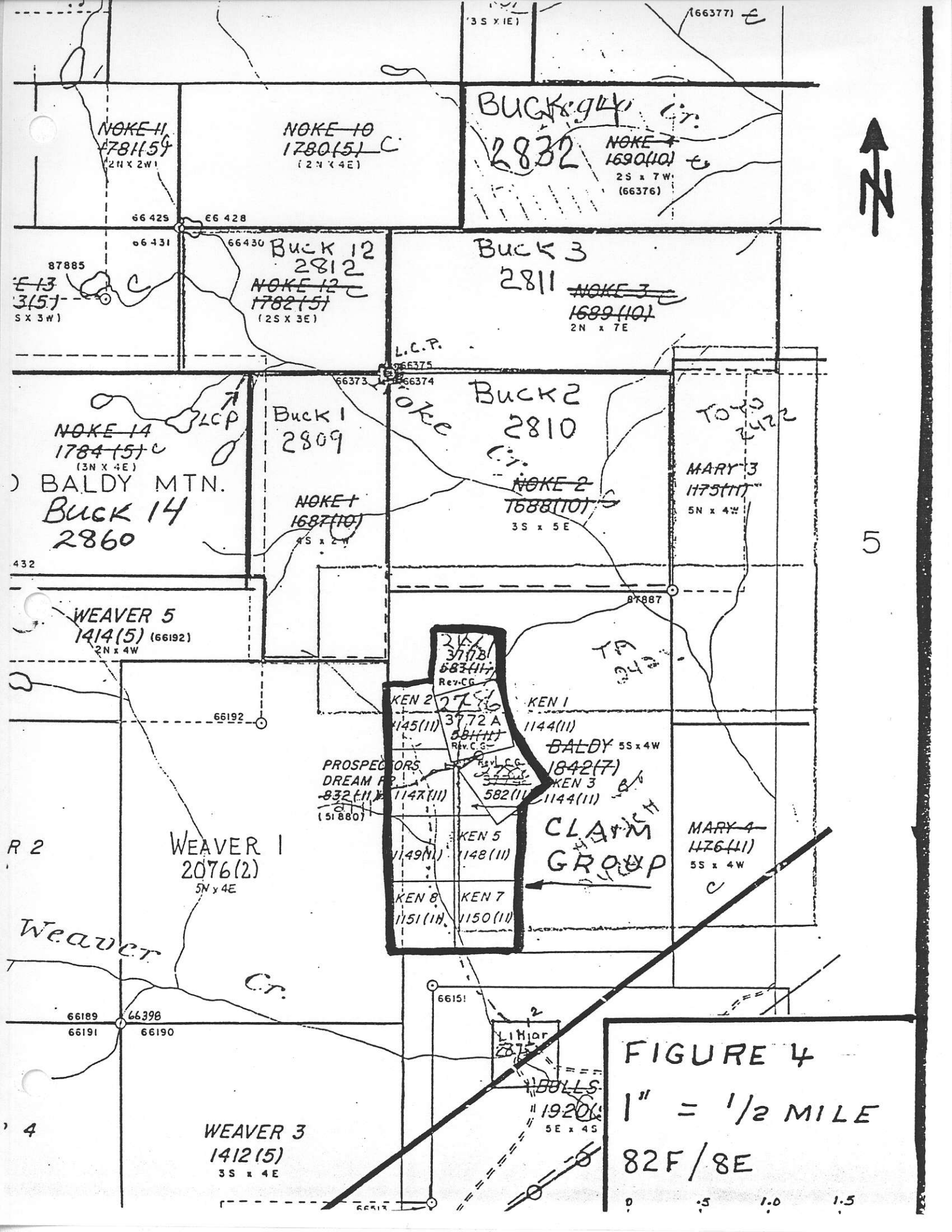
ALDRIDGE FORMATION: undivided

UPPER ALDRIDGE: rusty weathering, black argillite and silty argillite, fine, regular, white laminae of

MIDDLE ALDRIDGE: light grey weathering, grey quartzite and siltstone in beds 10 to 70 cm; interbeds of argillite and thin bedded alternating black argillite and grey siltstone.

LOWER ALDRIDGE: rusty weathering, laminated or cross-bedded quartzite, argillite and silty argillite. (Unit not identified in Grassy Mountain map-area)

ACCOMPANIES FIGURE 3



3 S x 1 E

166377

~~NOKE 11~~
1781(5)
(2 N x 2 W)

~~NOKE 10~~
1780(5) C
(2 N x 4 E)

~~BUCK 9~~
2832
~~NOKE 7~~
1690(10) C
2 S x 7 W
(66376)

66 429 66 428

87885
~~E 13~~
3(5)
S x 3 W

66 431

66430
BUCK 12
2812
~~NOKE 12~~
1782(5)
(2 S x 3 E)

BUCK 3
2811
~~NOKE 3~~
1689(10)
2 N x 7 E

L.C.P.
66375

66373 66374

~~NOKE 14~~
1784(5) C
(3 N x 4 E)

BUCK 1
2809

~~NOKE~~
BUCK 2
2810
~~NOKE 2~~
1688(10) S
3 S x 5 E

MARY 3
1175(11)
5 N x 4 W

BALDY MTN.
BUCK 14
2860

~~NOKE 1~~
1687(10)
4 S x 2 W

432

WEAVER 5
1414(5) (66192)
2 N x 4 W

66192

CLAIM GROUP

266
3778
583(11)
Rev. CG

KEN 2
1145(11)
3772 A
581(11)
Rev. C.S.

KEN 1
1144(11)

PROSPECTORS
DREAM P.
832(11)
(51880)

1147(11)

Rev. CG
582(11)

KEN 5
1149(11)

KEN 3
1144(11)

1842(7)

KEN 8
1151(11)

KEN 7
1150(11)

BALDY 5 S x 4 W

MARY 4
1176(11)
5 S x 4 W

WEAVER 1
2076(2)
5 N x 4 E

R 2

Weaver Cr.

66189 66398
66191 66190

66151

L.H. or
BULLS
1920(1)
5 E x 4 S

FIGURE 4
1" = 1/2 MILE
82F/8E

0 .5 1.0 1.5

WEAVER 3
1412(5)
3 S x 4 E

4



5



ALL SHEARS CONTAIN Mn STAINS,
RUST STAIN, MINOR QZ, ORANGE
COSSAN AND MINOR MUSCOVITE

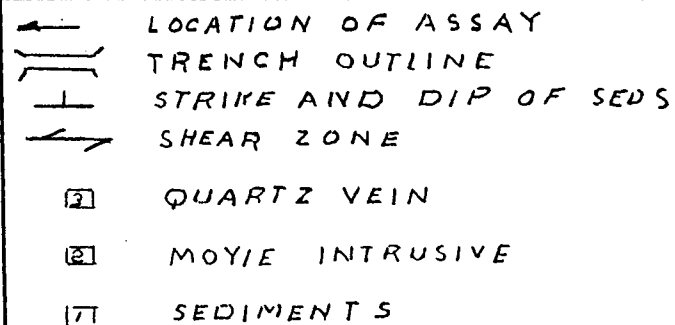
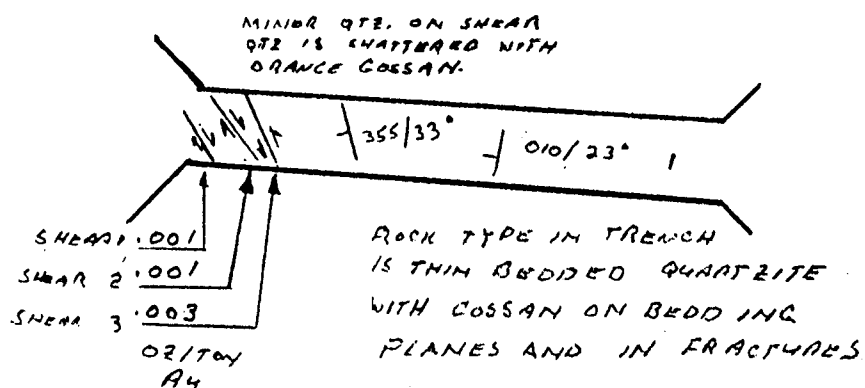
SHEAR 1	.2M TRUE WIDTH	.02 Au/TON
SHEAR 2	.32M TRUE WIDTH	.001
SHEAR 3	POORLY DEFINED	.003

0 1 2 3 4 5

SCALE 1:100

1" = 8.3'

TRENCH 7M X 1M X 3M.



GEOLOGY AND ASSAYS
PROSPECTORS DREAM GROUP
TRENCH 91-1

F.R O'CRADY JAN 1992

FIGURE 6



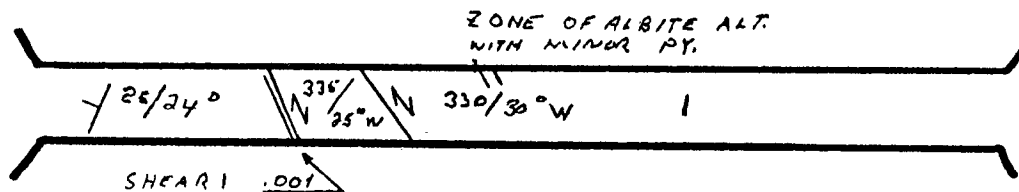
ROCK TYPE IS THIN TO MED BEDDED
QUARTZITES, WEATHERED SURFACE
BROWN, GREY ON FRESH SURFACE

0 1 2 3 4 5
SCALE 1:100
1" = 8.33'

SHEAR 1 - SAMPLE ACROSS .4 M SWELL IN SHEAR ZONE.
CONTAINS LOTS OF QUARTZ WITH CHLORITIC INTRUSIONS.
ABUNDANT DARK GOSSAN AND ORANGE GOSSAN. MINOR
Mn STAINS, QUARTZ IS FOLDED AND HEALED IN PLACES.

SHEAR 2 - SAMPLE ACROSS .7 M. QUARTZ ON H. WALL,
F. WALL AND SCATTERED THROUGH SHEAR, ORANGE
GOSSAN AND Mn STAIN PRESENT. SHEAR NARROWS
WITH DEPTH.

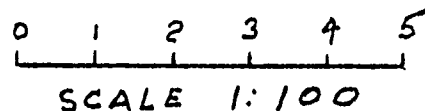
12.5M X 1M X 3M.



COMPOSITE SAMPLE OF QUARTZ .001 OZ./TON AU

	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SEDS
	SHEAR ZONE
	QUARTZ VEIN
	MOYLE INTRUSIVE
	SEDIMENTS

GEOLOGY AND ASSAYS
PROSPECTOR'S DREAM
TRENCH 91-2
F.P. O'GRADY JAN. 1992
FIGURE 7

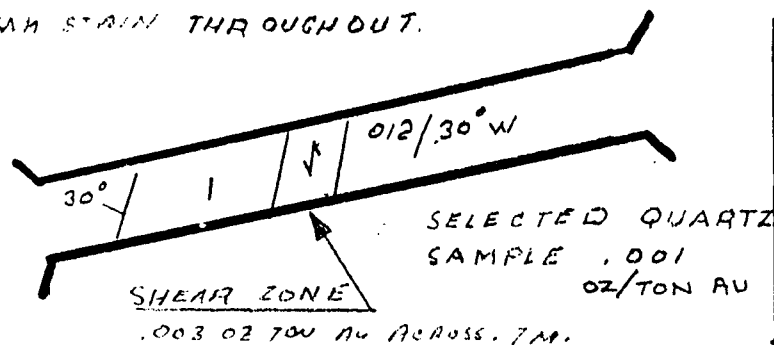


1" = 8.33'

ROCK TYPE IS THIN TO MED. BEDDED
QUARTZITES, WEATHERED SURFACE
BROWN, FRESH SURFACE GREY.

SHEAR IS .7M. WIDE WITH QUARTZ
ON HANGING WALL AND FOOT WALL
OF SHEAR. ORANGE GOSSAN AND
MH STAIN THROUGHOUT.

TRENCH 8M x 1M x 3M



	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SED
	SHEAR ZONE
	QUARTZ VEIN
	MOYLE INTRUSIVE
	SEDIMENTS

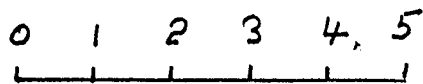
GEOLOGY AND ASSAYS

PROSPECTORS DREAM

TRENCH 91-3

F.P. O'GRADY JAN 1992

FIGURE 8

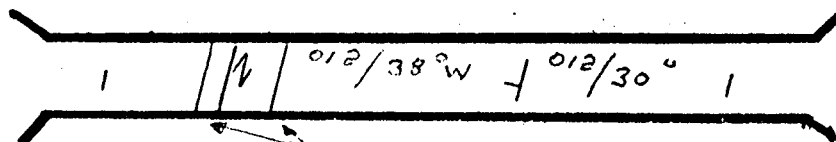


SCALE 1:100

1" = 8.33'

ROCK TYPE IS QUARTZITE.
MASSIVE AND DIFFICULT TO MEASURE
ATTITUDE. BROWN ON WEATHERED
SURFACE AND GREY ON FRESH SURFACE.

SHEAR .7M WIDE WITH WELL DEFINED
.3M WIDE QUARTZ VEIN ON H. WALL
SIDE. QUARTZ VEIN CONTAINS
DARK COLOURED AND ORANGE COSSAN.
QUARTZ VEIN RESISTANT TO RIPPING WITH SHOVEL.
Mo STAIN PROLIFIC IN SEDS. ON H. WALL.



QUARTZ VEIN
.032 OZ. TON AU

SHEAR ZONE
.003 OZ TON AU

COMPOSITE 1 .006 OUNCE Au TON

COMPOSITE 2 .008 " " "

10M X 1M
X 3.5M

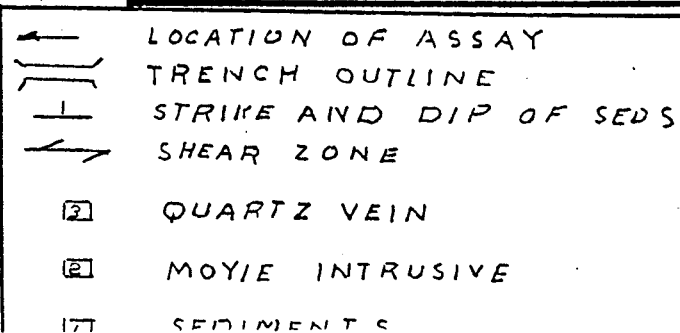
GEOLOGY AND ASSAYS

PROSPECTOR'S DREAM

TRENCH 91-4

F.P O'GRADY JAN 1992

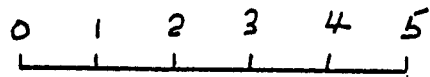
FIGURE 9





ROCK TYPE THIN TO MED. BEDDED QUARTZITES
 GREY. Mn AND MINOR GOSSAN ON BEDDING PLANES.

SHEAR ZONE 1 M. WIDE CONTAINS .33 M. WIDE
 WELL DEFINED QUARTZ VEIN ON FOOTWALL. QUARTZ
 VEIN IS VUGGY WITH RUST STAINS THROUGHOUT,
 HEAVIER STAIN ON F.W. SIDE. DEEP RED GOUGE
 MATERIAL ON F.W. SIDE OF VEIN.

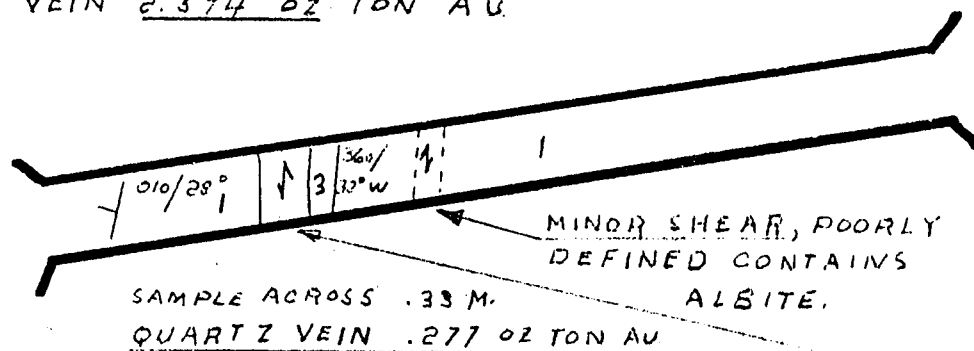


SCALE 1:100

1" = 8.33'

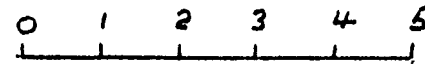
COMPOSITE SAMPLE OF QUARTZ
 VEIN 2.394 OZ TON AU

12M x 1M x 3.5M.



- ← LOCATION OF ASSAY
- ≡ TRENCH OUTLINE
- ⊥ STRIKE AND DIP OF SEDS
- ↔ SHEAR ZONE
- QUARTZ VEIN
- ◻ MOYIE INTRUSIVE

GEOLOGY AND ASSAYS
 PROSPECTOR'S DREAM
 TRENCH 91-5
 FR O'GRADY,
 JAN 1942
 FIGURE 10



SCALE 1:100

1" = 8.33'

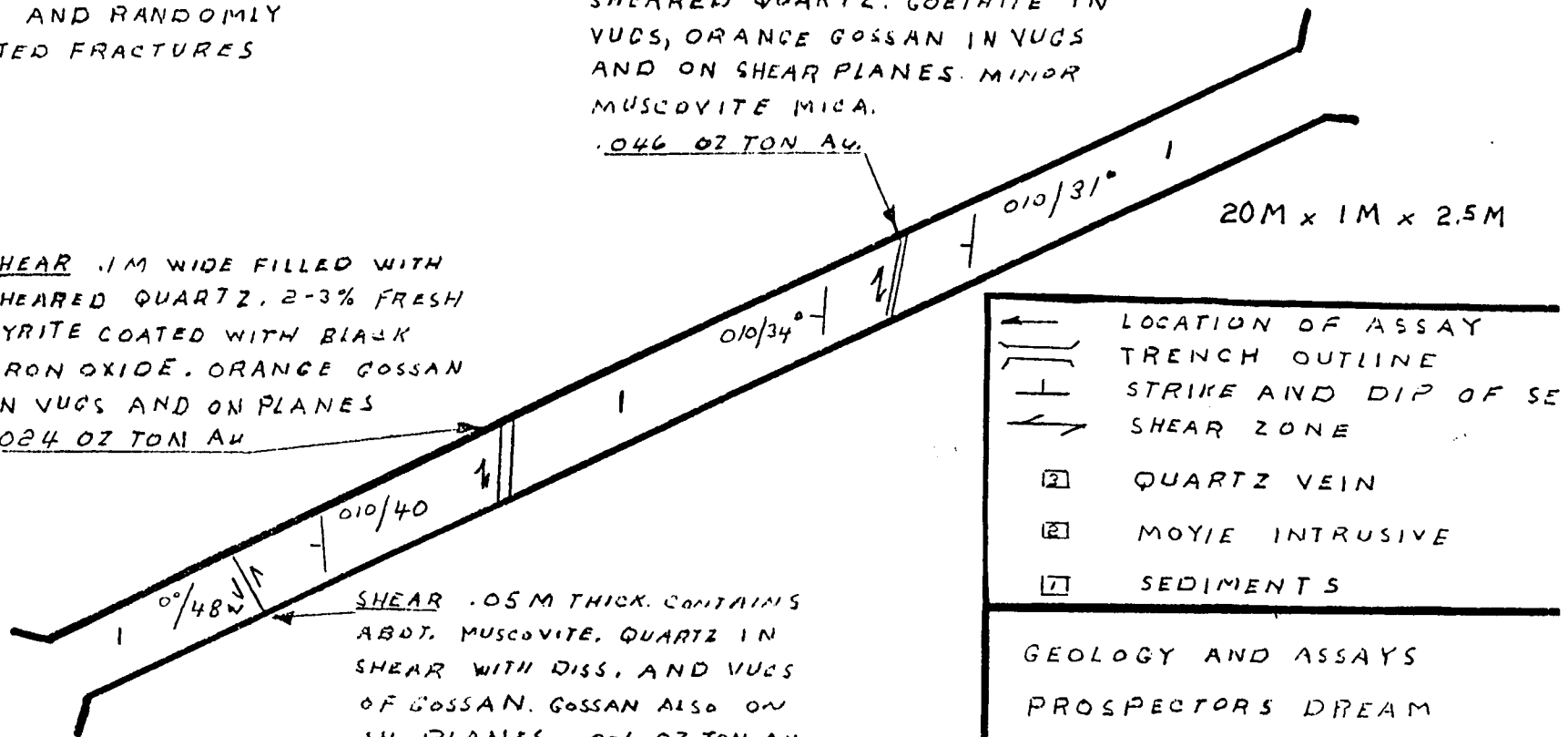
ROCK TYPE: MED. BEDDED
GRAY QUARTZITES. SOME
CLAY ALT. ON BEDDING
PLANES AND RANDOMLY
ORIENTED FRACTURES

SHEAR .06 M. THICK FILLED WITH
SHEARED QUARTZ. GOETHITE IN
VUGS, ORANGE GOSSAN IN VUGS
AND ON SHEAR PLANES. MINOR
MUSCOVITE MICA.

.046 OZ TON AU

SHEAR .1 M WIDE FILLED WITH
SHEARED QUARTZ. 2-3% FRESH
PYRITE COATED WITH BLACK
IRON OXIDE. ORANGE GOSSAN
IN VUGS AND ON PLANES
.024 OZ TON AU

SHEAR .05 M THICK. CONTAINS
ABDT. MUSCOVITE, QUARTZ IN
SHEAR WITH DISS. AND VUGS
OF GOSSAN. GOSSAN ALSO ON
SH. PLANES .001 OZ TON AU



20M x 1M x 2.5M

	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SE
	SHEAR ZONE
	QUARTZ VEIN
	MOYLE INTRUSIVE
	SEDIMENTS

GEOLOGY AND ASSAYS
PROSPECTORS DREAM
TRENCH 91-6

F.P. O'GRADY JAN. 1992

FIGURE 11

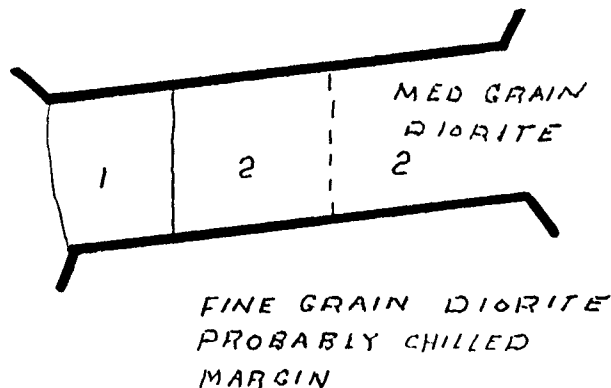


0 1 2 3 4 5
SCALE 1:100
1" = 8.33'

ALL CONTACTS POORLY DEFINED
AND TRANSITIONAL
NO ASSAYS

SEDS. ALTERED AND
FINE GRAIN, GREEN.

TRENCH 6M x 2M x 1M



	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SED
	SHEAR ZONE
	QUARTZ VEIN
	MOYIE INTRUSIVE
	SEDIMENTS

GEOLOGY
PROSPECTORS DREAM

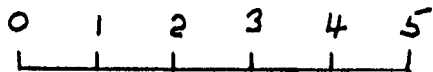
TRENCH 91-7

F.P O'GRADY JAN. 1992
FIGURE 12



ROCK TYPE: MED. BEDDED
GREY QUARTZITES WITH ORANGE
GOSSAN ON BEDDING PLANES
AND RANDOMLY ORIENTED
FRACTURE PLANES.

ASSAY FROM CONJUGATE SHEAR TO
WEST .011 OUNCES TON AU.

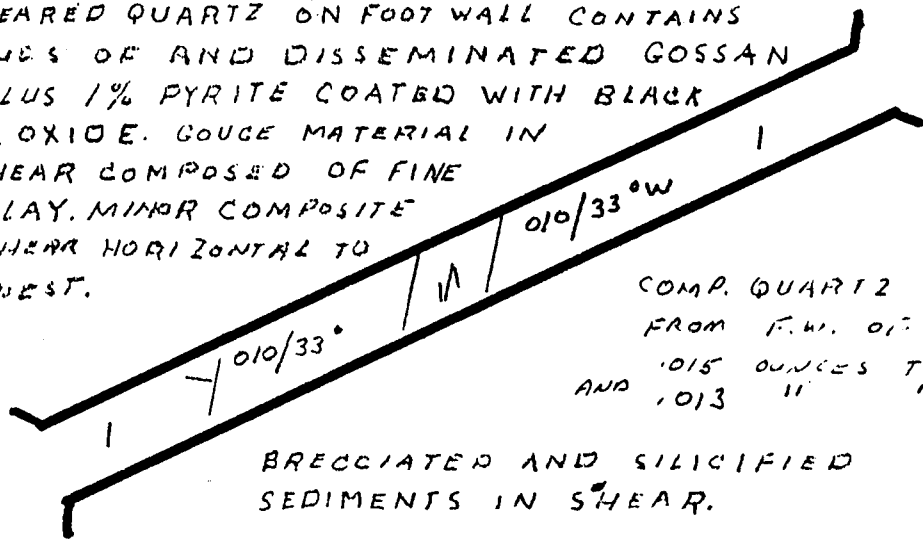


SCALE 1:100

1" = 8.33"

SHEAR ZONE 1 M. WIDE WITH .05 M. OF
SHEARED QUARTZ ON FOOT WALL CONTAINS
VEINS OF AND DISSEMINATED GOSSAN
PLUS 1% PYRITE COATED WITH BLACK
Fe OXIDE. GOUGE MATERIAL IN
SHEAR COMPOSED OF FINE
CLAY. MINOR COMPOSITE
SHEAR HORIZONTAL TO
WEST.

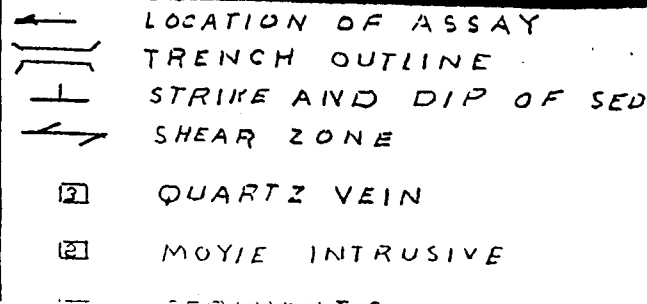
12M X 1M X 3M.



COMP. QUARTZ SAMPLE
FROM F.W. OF SHEAR
AND .015 OUNCES TON AU.
.013 " " "

BRECCIATED AND SILICIFIED
SEDIMENTS IN SHEAR.

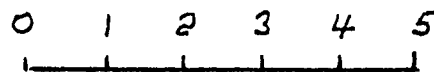
.004 OZ TON AU } ACROSS SHEAR
.006 OZ TON AU }



GEOLOGY AND ASSAYS
PROSPECTORS DREAM
TRENCH 91-8
F.P. O'GRADY
JAN. 1992
FIGURE 13.



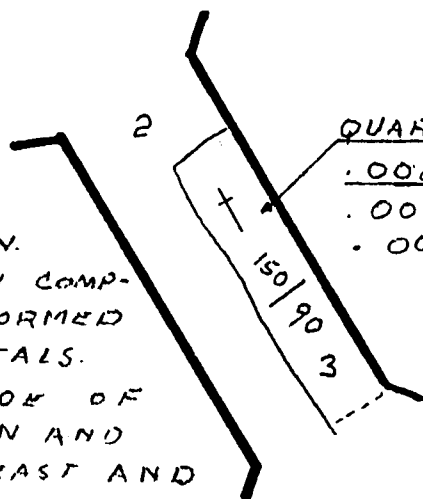
ROCK TYPE IS MED. GRAIN
GABBRO



SCALE 1:100

1" = 8.33'

WHITE QUARTZ VEIN.
CENTRE OF VEIN COMP-
OSSED OF WELL FORMED
QUARTZ CRYSTALS.
ZONE .03M. WIDE OF
ORANGE GOSSAN AND
CHLORITE ON EAST AND
WEST CONTACT



QUARTZ VEIN

.00202 TON Au - COUGE MATERIAL

.00102 TON Au - QUARTZ VEIN.

.001 " " " COMPOSITE

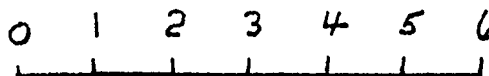
5M X 2M X 1M.

	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SEDS
	SHEAR ZONE
	QUARTZ VEIN
	MOYIE INTRUSIVE
	SEDIMENTS

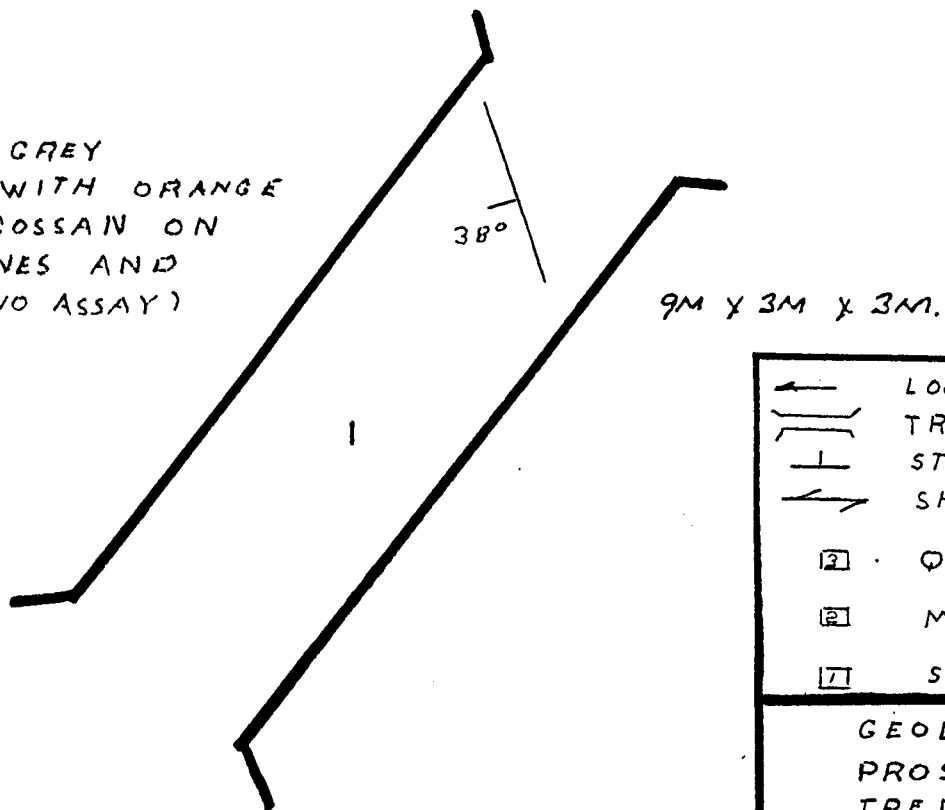
GEOLOGY AND ASSAYS
PROSPECTORS DREAM
TRENCH 91-9

F.P O'GRADY JAN. 1992

FIGURE 14

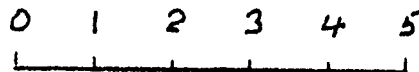


THIN BEDDED GREY
QUARTZITES WITH ORANGE
AND BROWN GOSSAN ON
BEDDING PLANES AND
FRACTURES. (NO ASSAY)



	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SED
	SHEAR ZONE
	QUARTZ VEIN
	MOYLE INTRUSIVE
	SEDIMENTS

GEOLOGY
PROSPECTOR'S DREAM
TRENCH 91-10
F.P. O'GRADY
JAN. 1992
FIGURE 15

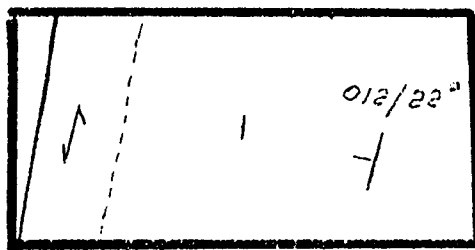


SCALE 1:100

1" = 8.33'

THIS EXCAVATION PART OF ORIGINAL WORK DONE IN 1890'S. SLOUGHED TO OBSCURE F.W. CONTACT OF SHEAR AND QUARTZ VEIN. WATER FROM 1 M. DEEP TO .2 M DEEP PRESENT DURING SUMMER MONTHS. OLD TIMBER FROM ORIGINAL WORK PRESENT.

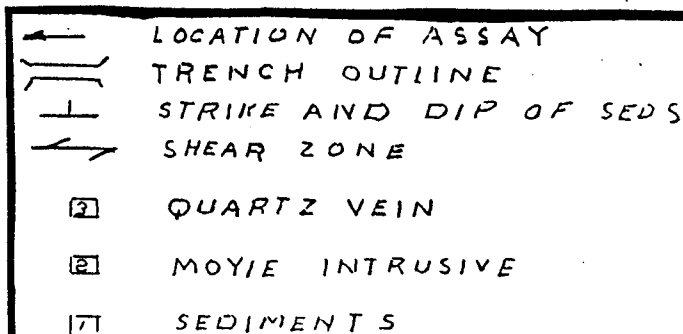
SHEAR 012/22° W



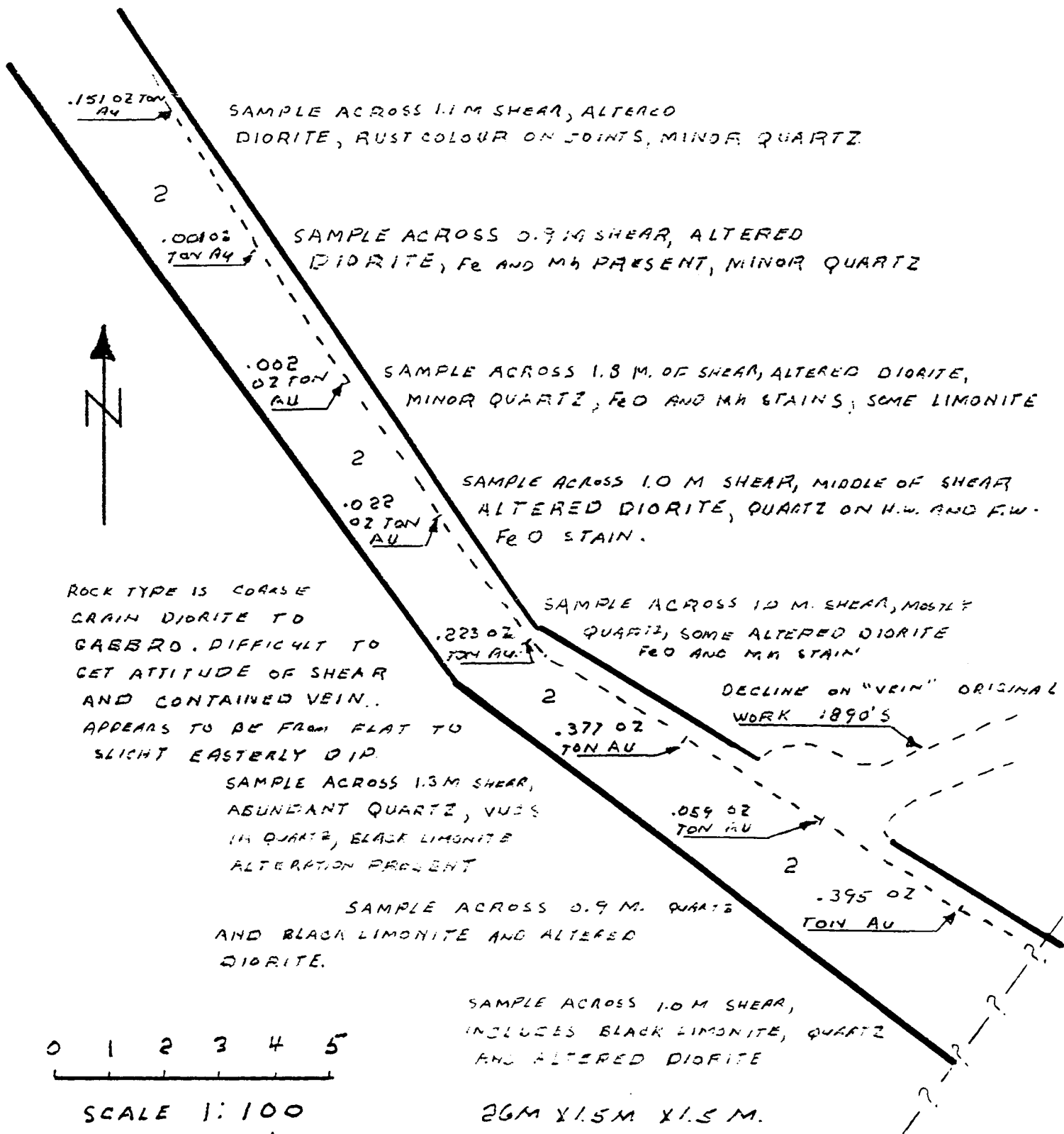
ROCK TYPE IS MED. BEDDED QUARTZITES WITH MINOR GOSSAN AND IMB ON BEDDING PLANES

6M Y 3M X 2M.

QUARTZ VEIN ON F.W. IS SHEARED AND CONTAINS GOETHITE AND ORANGE GOSSAN SAMPLE TAKEN DURING 1989 . 85' 02' TO 1V ACROSS .4 M. QUARTZ VEIN.

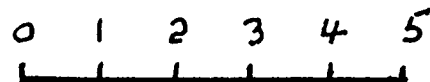


GEOLOGY AND ASSAYS
PROSPECTOR'S DREAM
OLD NORTH SHAFT
F.P. O'GRADY JAN. 1992
FIGURE 16



	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SEDS
	SHEAR ZONE
	QUARTZ VEIN
	MOYIE INTRUSIVE
	SEDIMENT

GEOLOGY AND ASSAYS
PROSPECTORS DREAM
TRENCH 91-11
F.P O'GRADY JAN. 1992
FIGURE 17



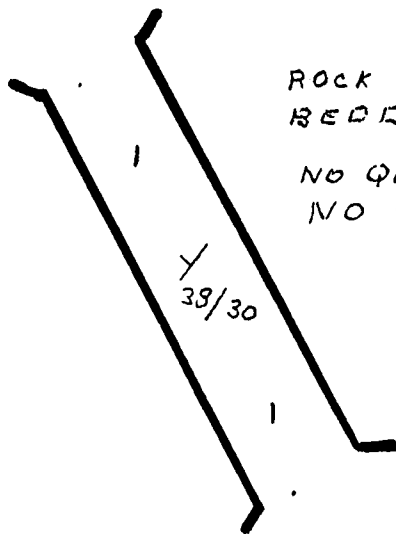
SCALE 1:100

1" = 8.33'

ROCK TYPE: THIN TO MED.
BEDDED GREY ARGILLITES

NO QUARTZ PRESENT
NO SAMPLE FOR ASSAY

12M X 15M X 2M.



	LOCATION OF ASSAY
	TRENCH OUTLINE
	STRIKE AND DIP OF SEDS
	SHEAR ZONE
	QUARTZ VEIN
	MOYIE INTRUSIVE
	SEDIMENTS

GEOLOGY
PROSPECTORS DREAM
TRENCH 91-12
F.P. O'GRADY
JAN. 1992
FIGURE 18

AA
LL

ASSAY CERTIFICATE

AA
LLEd Frost FILE # 91-5063
Box 53, Fort Steele BC V0B 1N0 Attn: FRANK O'GRADY

TRENCH #	SAMPLE#	Au** oz/t
91-2	D 84007	.001
91-3	D 84008	.001
Duplicate	RE D 84015	.005
91-4	D 84009	.032
91-5	D 84010	2.394
91-9	D 84014	.001
91-8	D 84015	.004
91-8	D 84016	.015
91-9	D 84017	.002
91-9	D 84018	.001
91-8	D 84019	.013
91-8	D 84020	.011
91-8	D 84021	.006
91-1	D 84051	.001
91-1	D 84052	.001
91-1	D 84053	.003
91-2	D 84054	.001
91-3	D 84055	.003
91-4	D 84056	.003
91-4	D 84057	.006
91-4	D 84058	.008
91-5	D 84059	.277
91-6	D 84060	.001
91-6	D 84061	.024
91-6	D 84062	.046
91-11	D 84063	.151
91-11	D 84064	.001
91-11	D 84065	.002
91-11	D 84066	.022
91-11	D 84067	.223
91-11	D 84068	.377
91-11	D 84069	.059
91-11	D 84070	.395
	STANDARD AU-1	.098

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 14 1991

DATE REPORT MAILED: Oct 21/91

SIGNED BY.....*Chung*.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Ed Frost File # 91-5063

Box 53, Fort Steele BC V0B 1N0 Submitted by: FRANK O'GRADY

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
D 84059	20	221	1236	577	3.2	22	13	126	6.85	588	9	9	5	3	8.8	2	2	9	.02	.039	11	9	.06	18	.01	2	.35	.01	.11	1
D 84068	10	495	2464	874	4.6	14	6	84	7.41	619	7	15	4	24	5.7	2	2	25	.04	.040	6	7	.07	24	.01	2	.54	.03	.13	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK

DATE RECEIVED: OCT 14 1991 DATE REPORT MAILED: *Oct 21/91* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Sample 84059 is from Trench 91-5

Sample 84068 is from Trench 91-11

TRENCH #	DIMENSIONS	SAMPLE #
91-1	7m x 1m x 3m	84051 84052 84053
91-2	12.5m x 1m x 3m	84007 84054
91-3	6m x 1m x 3m	84008 84055
91-4	10m x 1m x 3.5m	84009 84056 84057 84058
91-5	12m x 1m x 3.5m	84010 84059
91-6	20m x 1m x 2.5m	84060 84061 84062
91-7	6m x 2m x 1m	no sample
91-8	12m x 1m x 3m	84015 84016 84019 84020 84021
91-9	5m x 2m x 1m	84014 84017 84018
91-10	9m x 3m x 3m	no sample
91-11	26m x 1.5m x 1.5m	84063 84064 84065 84066 84067 84068 84069 84070
91-12	12m x 1.5m x 2m	no sample

To the west of Weaver Creek and at the base of the hills forming the divide between it and Perry Creek, quite a number of mineral locations have been made and a considerable amount of work done. The claim best known and most developed is the *Prospector's Dream*, around which are grouped the *Old Abe*, *Last Chance*, *Annie*, *Ben d'Or*, *Parker*, *Lennie*, and the *Pauper's Dream Fraction*. How these claims lay I could not exactly determine, so much re-staking had been done, as many as twelve posts being found within a radius of as many feet, and nothing short of an actual survey would untangle the claims. The same general conditions, however, apply to each, and I was able to identify certain works as belonging to certain of the claims.

Owned by J. C. Green *et al*, Fort Steele. The country rock, seemingly, is entirely of igneous origin, probably a syenite or diorite. A quartz vein has been exposed, outcropping nearly horizontally along the hillside, and dipping into the hill N. 30° E. at an angle of 15°. This has been developed by a 20-foot open cut leading to a 40-foot inclined tunnel, both on the vein.

In the open cut the quartz was very much broken, but nearer the mouth of the tunnel the vein was more solid and showed a width of 5 feet of solid quartz. Following the tunnel down, the width of quartz seems to gradually diminish, until at 40 feet in, the vein has only a width of some 6 inches. About 15 tons of quartz, of a rusty nature, was piled on the dump, which is said to run \$10.00 in gold to the ton. The vein-matter will show free gold in the pan almost anywhere, but not indicating high values. The apparent pinching out of the vein in this one tunnel has discouraged for a while, deeper prospecting and the continuity of the vein to the dip remains to be proven.

Whether the gold obtained is the result of the weathering of iron sulphides carrying gold, or whether it will continue to a depth as free gold, has not yet been determined.

I am informed that one or more shafts have been sunk on this property on another vein, but these shafts I was unable to find, being filled, doubtless, with water. In these the vein showing is said to be nearly vertical and to carry a width of some 5 feet of quartz with gold values.

Old Abe, owned by Steve Young *et al*, of Fort Steele, is practically an extension of the claim just mentioned.

Located by Nitzel and Johnson, is supposed to lie between *Old Abe* and the *Prospector's Dream*, some 100 feet east of the workings on the latter. The area of this fraction is uncertain, until the prior claims have been surveyed. There has been some work done on the property, consisting of an open cut and two tunnels, 10 and 8 feet respectively. The fraction was evidently located to catch that portion of the *Prospector's Dream* lead which may not be covered by the main claims.

The *Last Chance*, owned by Wm. Haupt *et al*; *War Eagle*, Hy. Kershaw *et al*; *Annie*, Wm. Thompson *et al*; *Ben d'Or*, J. C. Green *et al*; *Parker*, Gus Theiss, and *Lennie*, J. S. Parker, all of Fort Steele, are all locations in the same vicinity, but with only slight development work done on them that I could find. The limits of these claims I was unable to distinguish without a survey, in the absence of the owners to point out the true lines.

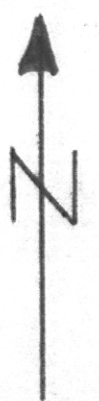
INITIAL POST
KEN1 AND KEN2
(LOCATED BY CHAIN
AND COMPASS)

BEND'OR REVERTED C.G.
LOT NO. 3773

REVERTED CROWN GRANT
BOUNDARIES LOCATED BY
TOPOGRAPHIC MAP.

PROSPECTOR'S DREAM REVERTED C.G.
LOT NO. 3772

KEN 1



	OUNCES PER TON AU			
TRENCH 91-1	.001	.001	.003	
TRENCH 91-2	.001	.001		
TRENCH 91-3	.001	.003		
TRENCH 91-4	.032	.003	.006	.008
OLD NORTH SHAFT	.850			SHAFT AREA
TRENCH 91-5	.277	2.394		
OLD SOUTH SHAFT	1.34			SAMPLED 1989
TRENCH 91-6	.046	.024	.001	
TRENCH 91-7				NO SAMPLE

TRENCH
91-12

BUSH TRENCH
AREA.

	OUNCES/TON AU	
TRENCH 91-8	.013	.015
	.011	.004
	.006	

TRENCH 91-10 QUARTZ VEIN
DIORITE AREA.

TRENCH 91-9
.001
.001702/TON AU
(.002)

KEN 4

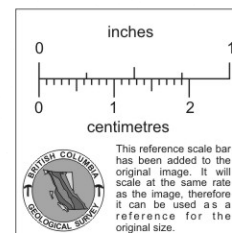
KEN 3

OUNCES/TON AU	
.151	
.001	
.002	
.022	
.223	
.377	
.059	
.395	

TRENCH 91-11
DECLINE AREA

0 50 100
SCALE 1:1000

OLD ABE REVERTED C.G.
LOT NO. 3774



PLAN OF TRENCHING
AND ASSAYS
PROSPECTOR'S DREAM
FORT STEELE M.D.
F.P.O'GRADY JAN. 1992
FIGURE 5 SCALE 1:1000
NTS 82F8 E 1/2