

Brief discription of the INZANA GOLD CAMP showings.

840119

For Dr. L. Dick  
Chevron Canada Resources Ltd.

MAX PROPERTY  
Omineca mining District  
93K-16E

A.Halleran  
*Sept 1986*

SUMMARY ; Inzana gold camp showings;

In the area east of Inzana Lake a number of new gold showings have been discovered. These new gold showings are spacially related to intrusive bodies intruded into the Takla Volcanics and sediments. These intrusives are clearly defined by Airborne Magnetic Survey Anomalies. The gold deposits are of 4 types;

- 1) Native gold in quartz-carbonate breccia alteration zones at the contact between the intrusive and takla, ( flanks of magnetic highs- Tas, Hat property).
- 2) Porphyry Cu-Au mineralization within the intrusive, ( Tas, Mtn. Milligan, Windy properties.).
- 3) Shear zones within the intrusive, Cu-Au,(Windy).
- 4) Fracture filling sulphides within the Takla group associated with the intrusive. (Tas).

High Platinum and Paladium is also found in the Tas and Windy and trace amounts in Mtn. Milligan. Platinum is also found with gold in placer streams in the area.

The Max property was staked to cover a series of airborne magnetic anomalies similar to the known gold showings. The Max is also surrounded by the known showings. The property has nct been prospected but during staking the magnetic anomalies did prove to be intrusives, also gossans with almost massive pyrite were found. Very localized placer Au are on the property and down ice from the property. A griesen and fracture zone with Mo, Cu, and trace Au is on the southern end of the Max.

TAS: Au,Cu,Pt,Pd, optioned to Noranda, on the flank of a magnetic high just west of the Max.

The Tas property is located in the Takla Group Volcanics and sediments of Upper Triassic age. The main Tas Showing occurs where Upper Jurassic or Lower Cretaceous granodiorites/diorites are in contact with the Takla assemblage. The intrusive is extensively altered and fractured where mineralization is present.

Mineralization consisting of pyrite, chalcopyrite, disseminated pyrrhotite, visible gold, and trace galena have been identified in a 10 metre wide rusty quartz carbonate altered zone that flanks the diorite-volcanic sedimentary contact, the actual dimensions of this zone are obscured by overburden. Values of up to 55 gm/t gold have been obtained from grab samples of this material. Crushing the quartz carbonate rock reveals native gold on panning. Pyrite, chalcopyrite and magnetite also occur in epidote rich altered diorite along the contact zone. Gold values of 1 to 5 gm/t are associated with copper mineralization in the 1% range, indicating a very favourable Au:Cu ratio. Recently a fracture zone with sulphides with numerous assays around the .2 oz/T and one up to 2 oz/T was found in silicified Takla group near the diorite contact.

Numerous Au soil anomalies exist ( top being 50,000 ppb) which have not been followed up yet. The quartz carbonate zone is 1.5 km from the fracture sulphide zone.

The above information was supplied to us by Noranda.

The original Tas property consisted of 50 units, since then Noranda has staked an additional 114 units to cover similar anomalies in the area, as the Tas occurs on the flank of a magnetic anomaly.

Platinum of 300 ppb and 410ppb Paladium was obtained from the single assay done on the Cu rich zone.



L 101400E

← 100+50N

Trench #2

24m x 7m x .9m

Diorite

99156

57

58

59

60

99161

L 100+82E  
100+82E

L 100+90E  
100+90E

Granodiorite/  
Diorite

Quartz-Carbonate Altered Zone  
with Quartz veins containing Visible Gold

Trench #1

10m x 8m x 1.5m  
9 channel Soils

Main logging Road

	Cu (ppm)	Au (ppb)
10010N-10086E	160	1400
10087	200	3400
10088	140	2100
10089	170	2200
10090	120	200
10082	260	70
10083	260	1600
10084	270	2900
10010N-10085E	240	3200
99156	150	50
99157	110	40
99158	150	10
99159	150	10
99160	190	30
99161	160	30
88776	120	10
88777	72	10
88778	86	10

0 5 10 15 20 meters

REVISED	NORANDA EXPLORATION CO., Ltd.	
	<u>TAS TRENCHING</u>	
PROJ. No. 271	SURVEY BY: LW	DATE: Oct 1985
N.T.S. 93K16	DRAWN BY: LW	SCALE:
DWG. No.	NORANDA EXPLORATION	
	OFFICE: P.G.	

HAT property: Au, optioned to Big Valley Inc. / Casamer Res., located on the flanks of a magnetic high similar to Tas, just southwest of Max.

The Hat property is located in the Takla Group Volcanics and Sediments of Upper Triassic. The main showing occurs where the Upper Jurassic diorite/gabbro are in contact with the Takla assemblage. A rusty quartz carbonate breccia zone occurs there.

Minor chalcopyrite, and galena is found in this zone of unknown dimensions. Gold was found in the one grab sample and assayed 46ppb, and in the three soils taken close by 40ppb, 90ppb, 150ppb, the soils were also anomalies in Zn, Cu, and Pb. No further work was done by us as the property was quickly optioned off. At this time the company is conducting a soil grid survey, and geological mapping project. Based on the initial geochem on the Tas, the Hat geochem is significant and the zone is at least 200 metres long.

The setting for the Hat is almost identical to the Tas property.

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: GENERAL (TEZZERAN CR.)

CODE : 8606-046

93K/16 & GCI 53186

Object No. : 240 Sheet: 1 of 1

Date rec'd: JUN. 18

Material : SILT/SOIL/PAN Geol.: L.W.

Date compl: JUN. 23

Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
2	SILT 55717	18	48	1	0.6	10
3	55719	22	62	1	0.6	10
4	55720	18	54	1	0.6	10
5	55721	26	54	1	0.6	10
6	55722	54	66	2	0.6	10
7	SILT 55724	60	80	2	1.0	10
8	HD-1-78008 <i>Hat</i>	340	80	2	1.0	10
9	HD-2-78009 <i>Hat</i>	190	200	14	1.4	90
10	HD-3-78010 <i>Hat</i>	280	200	28	3.0	150
11	HD-4-78011 <i>Hat</i>	140	140	12	1.4	40
12	HD-5-78012 <i>Hat</i>	190	96	2	1.0	10

RECEIVED  
JUL - 2 1986  
ANALYST

T. T. No.	SAMPLE No.	SAMPLE wt. (g)	PPB Au	Cu	Zn	Pb	Ag
66	55716	14.7	10	10	74	1	0.2
67	55718	14.3	10	10	56	1	0.2
68	55723	10.7	10	8	48	1	0.2

N.B. Pan-con: entire sample used for Au determination.  
\*Cu, Zn, Pb, Ag values obtained from Aqua Regia sol'n.

WINDY property; Au,Cu,Pt,Pd, optioned to Placer Dev. just east of Max.

This property is underlain by the Takla Group and partly underlain by a zoned intrusive that grades from a gabbroic phase to a monzonitic phase. The intrusive has also been cut by a strong shear zone and also by several dykes of magnetite-rich gabbro and very fresh augite porphyry.

The intrusive has been highly altered by sericitization to the point where the rock has a very talcose appearance. Quartz veins and veinlets are pervasive throughout all phases of the intrusive.

Mineralization consists of pyrite, which occasionally is very intense and reaches 20% in specimens, chalcopyrite and malachite with gold and minor arsenopyrite and a trace of bornite occurs in scattered outcrop and trenches of locally sheared diorite, upto .4 oz/T Au was obtained. Native Au is also panned from a gossan. A placer showing is also associated with this deposit. The sulphide mineralization is dominantly disseminated throughout all phases of the intrusive although quartz veins and veinlets also carry solid chalcopyrite globules. *→ (crystalline)*

Alteration, rock types and mineralization are compatibles with a porphyry style of mineralization. This is supported by diorite with sericite, epidote and chlorite alteration and quartz-tourmaline veinlets. The shearing has also resulted in quartz-carbonate veining. The thing hard to explain is the native crystalline gold in a rusty gossan.

The above information was supplied by Brinco.

Platinum has been assayed from rock samples, 50ppb, 50ppb, 41ppb, 171ppb, and Paladium has also been assayed, 630ppb, 270ppb, 1574ppb, 444ppb, 400ppb, 617ppb,.

Mtn. Milligan; Cu,Au; optioned to Selco , to Lincon Res. just north of Max.

This deposit is a porphyry Cu-Au type. It is associated with intrusives that are clearly defined by the Magnetitic anomaly map. The intrusives are monzonites similar ~~as~~ to what has been found on the Max property.

A press release by Lincon Res. was done around Aug.21, 1986.

Placer Streams;

Salmon Creek is flanking the Max deposit and has placer Au in it.

Rainbow Creek is northeast of Max, it has a ratio of platinum to gold of 1 to 12. Platinum occurs as minute flat grains accompanying the black sand.



## MAX PROPERTY

This 300 unit property was staked to cover geological similar settings as found on the precious metal showings; Tas, Hat, Windy, and Mtn. Milligan. It covers a series of Air Magnetic anomalies and surrounded by the discoveries. This property has not been explored and has excellent potential.

On the property, intrusive syenites, monzonites, diorites intrude into the Takla Group, found while staking along with two gossans. Two localized Au placers were also found on the property, two major creeks east of the property have placer Au, with one also placer Pt. In addition a greissen, with fluorite, quartz, muscovite, and trace chalcopyrite, and an intensely fractured Takla Group showing with Cu, Mo, Zn, Ag, and Au, was also found. Similar fracture zones are found on the Tas, and other showings.

Access to the property is excellent as the area is being actively logged.

The Max property has excellent potential for precious metals as it is surrounded by new Au, Pt, discoveries and is known to have the exact same geological settings as the discoveries.

### *Additions*

*1) Fire road*

*a) Syenite with trace chalcopyrite and malachite.*

*b) Sulphide (pyrite, plus?) Fracture zone*

*c) Takla / intrusive contact zone; rusty alteration zone.*

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: ROCK CHIPS AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: APR 24 1985 DATE REPORT MAILED: April 29/85 ASSAYER: *J. Saundry* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

A. HALLERAN FILE # 85-0443

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
WINDY 1-1	8	9384	17	61	1.5	19	18	445	2.80	4	5	ND	4	84	1	2	2	20	1.88	.17	3	14	.65	73	.01	4	.60	.04	.28	9	475
WINDY 1-2	13	330	16	46	.4	49	34	641	5.12	31	5	ND	2	347	1	2	2	14	4.42	.13	2	19	1.91	51	.01	3	.38	.02	.13	5	95
LYNX 2	762	1172	43	176	3.0	29	22	2515	12.82	26	5	ND	6	31	1	2	2	95	.43	.10	7	69	1.26	22	.11	2	1.51	.05	.26	1	46

*ADDED  
 3/2/85  
 J. SAUNDRY*

*(Lynx) Max Property*

1/10/70

Ron McRoberts (Norman)  
Pinnac Garage  
562 - 0022

Current decision has been to  
hold 100% - local office  
wanted to farm out - May yet  
decide to farm -

wednesday

Stop 1 Toss showing - Collected sample of syenite for assay  
and a few samples of qtz mat<sup>e</sup> qtz carb zone  $\pm$  10 m wide  
but width of vein mat<sup>e</sup> unknown - most likely poddy  
within the qtz carb zone.

Mag Maps.

1583 G  $\vdots$  1572 G.

INZANA

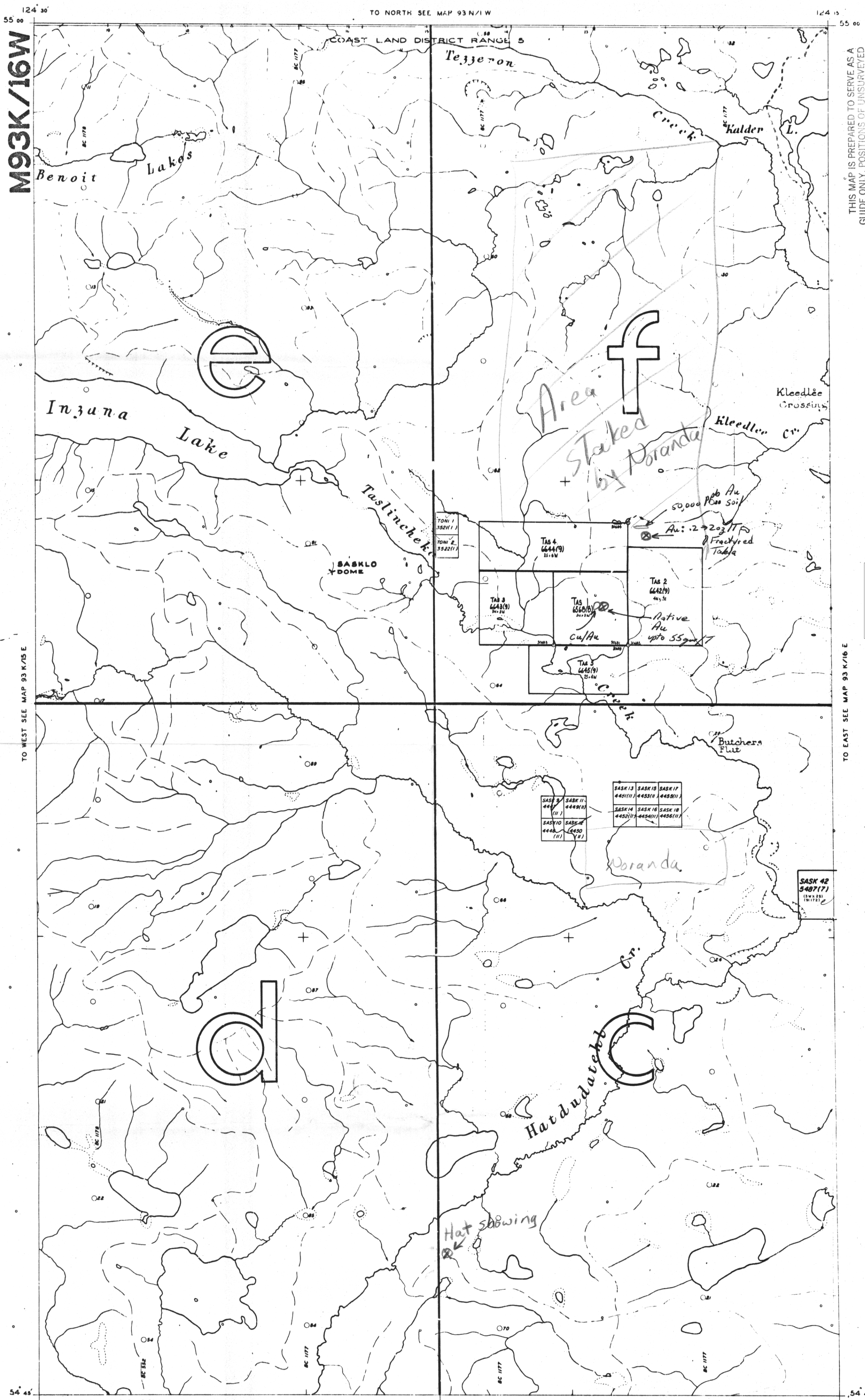
Juniors in area

Equinox

Big Valley }

Casamera. }





M93K/16W

TO WEST SEE MAP 93 K/15 E

55 00

124 30'

TO NORTH SEE MAP 93 N/1 W

124 15'

54 45'

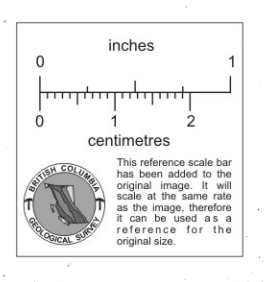
- International Boundary
- Provincial Boundary
- Mining Division Boundary
- City or Municipal Boundary
- Indian Reservation
- Surveyed Boundary
- Unsurveyed Boundary
- Bridge
- Tunnel
- Power Transmission Line
- Pipeline
- Stream, perennial
- Stream, indefinite
- Stream, intermittent dry

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

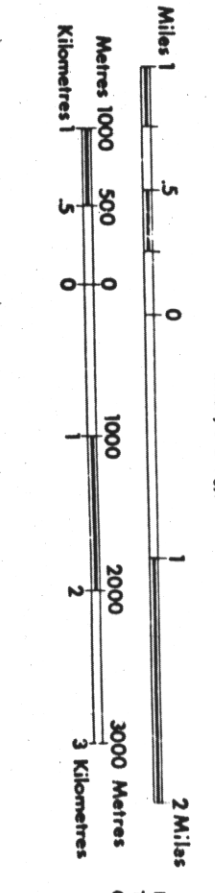
VICTORIA, B.C.

*This map is prepared only as a guide to the location of mineral claims and Placer Mining Leases as shown on the locator's sketches. For current or more specific information, application should be made to*

THIS MAP IS PREPARED TO SERVE AS A GUIDE ONLY. POSITIONS OF UNSURVEYED CLAIMS AND PLACER LEASES ARE PLOTTED FROM LOCATOR'S SKETCHES AND ARE NOT GUARANTEED. LETTERS C.G. INDICATE CLAIM IS CROWN GRANTED. SYMBOL "C" INDICATES CLAIM HAS FORFEITED. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES



- LEGEND
- CROWN GRANTED MINERAL CLAIM
  - FORFEITED MINERAL CLAIM
  - REVERSED C.G. MINERAL CLAIM
  - PERMITTED PLACER MINING LEASE
  - LEGAL CORNER POST & TAG NUMBER



UNLESS VERIFIED OR SURVEYED, THE MAP POSITION OF A LEGAL CORNER POST IS BASED ON THE LOCATOR'S SKETCH FOR FURTHER INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION CONCERNED. DATE OF MICROFILM: 85-05-09

M93K