

92E19W  
92E/NE-15

#9

009747

Pinnacle Mines

50° 12' NE

Geochemical Asst. Rept dated Oct 29, 1968  
by J. B. Pendergast.

He has a geolchem map outlining 14 anomalies,  
mainly south and west of the Joker workings.  
On the basis of this he suggests:

Phase I

1' = 200' geol mapping  
20 miles IP.  
Detailed geolchem.  
500 hrs bulldozer time  
4000 ft. BQ drilling

cost \$92,500

Contingent on phase I, phase II with more  
of the above could be carried out at a cost of  
\$110,000

Mr. L. G. Phelan,  
508 - 80 Richmond Street West,  
Toronto, Ont.

92I/9W  
92I/95-15

Dec 1st '66

Dear Mr Phelan;

All Joker material

Following your phone call yesterday about your recent drilling on the onetime Joker group near Kamloops, as requested I enclose extracts from my logs of the core of the 1956 drill holes indicating all places where I saw mineralization in the holes shown on the accompanying plan. This plan is copied from one provided in 1956 by the operating company.

~~Since the amounts of mineralization noted are relatively minor~~

The description of the distribution of mineralization given in our Annual Report, 1956 articulated reported assay sections (core & sludge) provided by the company.

If you have the opportunity to visit me in Victoria I should be pleased to discuss the property with you.

Yours very truly,

J. M. CARE

Geologist.

encl. drill plan  
drill log extract

Extracts from Carr's logs of diamond-drill holes, Joker group (Commercial Minerals), 1956.

Hole Nos. 1 & 2 — core not seen

Hole No.	B/R	Notes	end of hole at
3	18'	20' tr. nat. Cu 27-28' cc 28-35' minor cc & nat. Cu	80'
4	20'	39-40' tr. nat. Cu 43' " " " 72½ 3 in. of cp & cc	79'
5	28'	no min seen	82'
6	17'	" " "	39'
7	9'	45'-69' tr. nat. Cu (est. 0.3%)	98'
8	18'	tr. nat. Cu at 19', 30', 47', 51', 52-55'	90'
9	23'	no min seen	90'
10	33'	62' cc; tr. nat. Cu at 65', 67' & 71'	110'
11	17'	no min seen	120'
12	38'	" " "	150'
13	24'	tr. native Cu (at unrecorded footage)	102'
14	47'	small amt. cp at 101'	152'
15	37'	81'-83' nat. Cu (1% or less) 133' & 151' tr. cp	164'
16	25'	78'-94' some cp diss.	186'
17	0'	17-20' tr cp	214'
18	27'	83½-86' nat Cu diss. (est. 1%)	191'
19	20-30'?	168'-174' small amt cp	186'
20	20'	no min seen	170'
33	8'	" " "	101'
34	15'	" " "	171'
35	10'	" " "	159'
36	18'	" " "	? 170'
38	13'	" " "	168'

~~Henry Bouquet~~ : (Gravel Bouquet) - Potlood Jaim

Comm. Linn. DDH<sup>s</sup> - [COMMERCIAL MINERALS LTD: SUMMARY OF DDH.]

#436384 type H. to Gpy - also 70°

Examined:

3-20  
22-36  
39-40  
42-43  
45  
47

42 6' (?) type H w. bio, unsp. pk v<sup>s</sup>  
↑ 177<sup>+</sup>  
(239<sup>+</sup>)

19 20 - 186' "

AMAKUA DDH<sup>s</sup>

20 20 - 170' type M bio

22-23

24?

25-28

29?

30-31

18 27' type H, f<sup>s</sup>, Cu - a type M.

17 0' - 214' diorite; dk. intrusives (?) andorite (to Gpy); type M (w. f<sup>s</sup>) w. bio

16 24' - 186' type H - type M w. bio f. w. py.

15 37' - 164' type M Cu min f<sup>s</sup>; to Gpy in sp. ch.; type H; to Gpy.

14 47' - 152' type H "bio" b. p. bio "albitate" (common type M)

13 24' - 102' type H → M; small rock to sample 9781

12 38' - 150' lg. blk. andorite (sp. and pyro); f<sup>s</sup> in f. g. andorite w. bio  
1 dia.

11 17' - ? type H  
87+

10 33' - ? type H-M, w. f<sup>s</sup>. Chalcocite, then Cu  
106+

9 23' - 90' type M (bio)

8 18' - 90' type H → type M Intrusive blk. pyro. stringers (chilled?); f<sup>s</sup>; to Cu

7 9' - 98' type H-M; f<sup>s</sup>; 73' alt<sup>n</sup>; 45' 69' to Cu

6 17' - 39' type M

5 28' - 82' type M; type H w. pk material

(see over)

- #4 20'-79' type M<sup>8</sup>; to Cu; faults; 3' chalc. & Gpy
- #3 18-80' type M; 18" 20% Chalc.; native Cu (<1% Cu) to 35'; f; type M w. bio
- #32 (Amekua) ("ore at ca 95'" - strong stream). Chertan rock types, mag shapes, possibly diorite. V. brecc'd from 80' downwards.
- #30 (" ) similar to #32, but said not to be diorite to nat. Cu at 147'
- #23 (" ) " " #32. ("ore at 25'). Gpy at 25'-35'. Hematite usual in (227') veins in these DDHs. Lower, is all'd<sup>++</sup> diorite. (at Grey bush shaft).
- #31 (Amekua) ("ore at 25') ~~thru~~ 18-25': AB<sup>v</sup>. f<sup>o</sup> begin at 25'. Rock is "glauy rocks" & type H all<sup>++</sup>. Lower are pink fsp veins with Gpy & epid.
- #27 (" ) ("ore at 30'") as in #29\* ~~thru~~ brecc'd calcite & alb<sup>d</sup>. (m-g<sup>d</sup> diorite) occ<sup>l</sup> pk diff. fsp.
- #26 (Sof Amekua) picrite
- #29 (near pond on road to camp) diorite, alb<sup>d</sup>. Gpy at 179' for 1' (w. hematite in div)

- ✓1 ✓ A 31 ✓
- ✓2 x (Z/des?) A 32 ✓
- ✓3 ✓ / 33 ✓
- ✓4 ✓ / 34 ✓
- ✓5 ✓ / 35 ✓
- ✓6 ✓ / 36 ✓
- ✓7 ✓ / 37 ✓
- ✓8 ✓ / 38 ✓
- ✓9 ✓ / 39 ✓
- ✓10 ✓ / 40 ✓
- ✓11 ✓ / 41 ✓
- ✓12 ✓ / 42 ✓
- ✓13 ✓ #24 ~~picrite~~ (most S<sup>30</sup>)
- ✓14 ✓ #43 " not drilled?
- ✓15 ✓ 46 " not drilled?
- ✓16 ✓ no<sup>n</sup>? 43<sup>(-184)</sup> type H, small diorite f-zones, to Gpy in py at 143'
- ✓17 ✓ ✓44<sup>x</sup> S of camp. unknown ~~picrite~~??
- ✓18 ✓ " ✓45<sup>v</sup> N of camp (assessment?) type H.
- ✓19 ✓ 46<sup>x</sup> not drilled?
- ✓20 ✓ " ✓47<sup>v</sup> type H. ends 100' (possibly is the end of camp).
- A 21 ✓
- A 22 ✓ picrite & g/stone S of Rocker. N of camp
- A 23 ✓
- ? 24 -76<sup>v</sup> picrite (unmineralized)
- A 25 ✓
- A 26 ✓ picrite 30<sup>x</sup> N of Rock S of Amekua ~~to camp~~
- A 27 ✓
- A 28 ✓
- ✓29 assessment by Ashad. diorite ~~not~~
- A 30 ✓

Smith

921/9W 14  
921/106-15

MINERALOGICAL BRANCH, DEPARTMENT OF MINES AND PETROLEUM RESOURCES,  
VICTORIA, B. C.

SUMMARY OF EXPLORATION AND  
DEVELOPMENT WORK PERFORMED  
IN 1967

Pinnacle Mines Ltd.,  
1403, -1030 West Georgia St.,  
Vancouver-5, B. C.  
1770 - ONE BENTALL CENTRE,  
VAN. B. C.

NON-PRODUCING PROPERTIES

THIS RETURN IS DESIGNED TO PROVIDE DATA FOR LONG TERM COMPILATIONS OF THE MINERAL INDUSTRY,  
AND WILL BE ON PERMANENT FILE WITH THE DEPARTMENT. CONFIDENTIAL INFORMATION IS NOT SOLICITED.

PLEASE COMPLETE AS SOON AS POSSIBLE AND MAIL, IN THE ENCLOSED SELF-ADDRESSED ENVELOPE, NOT  
LATER THAN JANUARY 15TH.

NOTE--A SMALL SKETCH MAP GREATLY ENHANCES THE VALUE OF THE INFORMATION.

INDICATE HERE IF NO EXPLORATION WORK WAS DONE IN 1967 \_\_\_\_\_

PROPERTY NAME Pinnacle Mines Ltd.

FORMER NAME(S) Joker, Grey, Commercial Minerals

NAMES OF KEY CLAIMS A, C. Cle TOTAL NO. OF CLAIMS 44

LOCALITY 8 Miles South of Kamloops LAT. 50 ° 35' LONG. 120 ° 20'

ACCESS--FROM Kamloops BY Merritt Hwy. DISTANCE 8 Miles

MINING DIVISION Nicola ALTITUDE OF SHOWINGS--FROM \_\_\_\_\_ TO \_\_\_\_\_

NAME OF COMPANY Pinnacle Mines Ltd.

MAILING ADDRESS 11th Floor, 20 Toronto St., Toronto, Ontario.

PROPERTY OWNED BY, OPTIONED FROM, OR UNDER AGREEMENT FROM? Fred Sanft

WORK PERIOD, MONTHS 2 AVERAGE NO. EMPLOYED--(A) BY COMPANY 1 (B) BY CONTRACTOR 4

WORK SUPERVISED BY L. G. Phelan POSITION Consulting Engineer

METALS OR MINERALS FOUND Copper IS IT AN OLD SHOWING? Yes

PREVIOUS WORK, BY WHOM AND WHEN Commercial Minerals 1955 ±

ESSENTIAL GEOLOGY--

MINERALOGY OF ORE Native Cu, Chalcopyrite OF GANGUE Diorite

NATURE OF DEPOSIT Copper on fractures, shears, slips

HOST ROCK Diorite

ALTERATION Very little

OTHER \_\_\_\_\_

SURVEYS AND MAPS MADE IN 1967--

WERE CLAIMS SURVEYED? No

TOPOGRAPHIC MAP--BY WHOM? \_\_\_\_\_ SCALE \_\_\_\_\_

SURFACE WORKINGS MAPPED? \_\_\_\_\_ SCALE \_\_\_\_\_

UNDERGROUND WORKINGS MAPPED? \_\_\_\_\_ SCALE \_\_\_\_\_

GEOLOGICAL MAPPING DONE IN 1967--

BY \_\_\_\_\_ GEOLOGIST \_\_\_\_\_ AREA--LOCATION, CLAIMS, DIMENSIONS \_\_\_\_\_ SCALE OF MAP \_\_\_\_\_

GEOPHYSICAL WORK DONE IN 1967--

METHOD AND BY WHOM	AREA--LOCATION, CLAIMS, DIMENSIONS	SCALE OF MAP
Magnetometer Survey	Claims A1 to 12, C1 to 5 C14 to 18	1" = 200'

GEOCHEMICAL WORK DONE IN 1967--

METHOD AND BY WHOM	AREA--LOCATION, CLAIMS, DIMENSIONS	SCALE OF MAP

CLAIMS ON WHICH WORK WAS DONE \_\_\_\_\_

SURFACE WORK DONE IN 1967--

TRENCHES--HOW MADE? \_\_\_\_\_ NO. \_\_\_\_\_ TOTAL LENGTH \_\_\_\_\_

STRIPPING BEDROCK--HOW DONE? \_\_\_\_\_ TOTAL AREA \_\_\_\_\_

PITS AND OPEN CUTS--HOW DONE? \_\_\_\_\_ NO. \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

CONSTRUCTION (ROADS, BUILDINGS, ETC.) \_\_\_\_\_

BY WHOM? \_\_\_\_\_

ROCK WORK DONE IN 1967--

ADITS--NUMBER \_\_\_\_\_ TOTAL LENGTH \_\_\_\_\_

SHAFTS OR PITS--NUMBER \_\_\_\_\_ TOTAL FOOTAGE \_\_\_\_\_

DRIFTS, CROSSCUTS, RAISES, WINZES \_\_\_\_\_ TOTAL FOOTAGE \_\_\_\_\_

DIAMOND DRILLING DONE IN 1967--

SURFACE--BY WHOM? Longyear CORE SIZE B NO. OF HOLES 1 FOOTAGE 150

UNDERGROUND--BY WHOM? \_\_\_\_\_ CORE SIZE \_\_\_\_\_ NO. OF HOLES \_\_\_\_\_ FOOTAGE \_\_\_\_\_

ROTARY DRILLING--BY WHOM? \_\_\_\_\_ HOLE SIZE \_\_\_\_\_ NO. OF HOLES \_\_\_\_\_ FOOTAGE \_\_\_\_\_

PERCUSSION DRILLING--BY WHOM? \_\_\_\_\_ HOLE SIZE \_\_\_\_\_ NO. OF HOLES \_\_\_\_\_ FOOTAGE \_\_\_\_\_

WHERE IS CORE STORED? Hole lost - no core

WHERE ARE RECORDS KEPT? Toronto Office

ASSESSMENT REPORTS FILED IN 1967--GEOLOGICAL \_\_\_\_\_ GEOPHYSICAL \_\_\_\_\_ GEOCHEMICAL \_\_\_\_\_

REMARKS-- Planned by Longyear

DATE December 18, 1967. SIGNATURE E. R. Rollins

OFFICIAL POSITION President.