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Aug. 15/86  
+30°C

MILLICUM

Bernie Dewonk, Dave Heino

Photo Looking northwards

Miller-Mack prospect

Photo D0H-104 - VG 9.202/3.2'

D0H-103 - swirling in skarn

Photo Looking easterly towards  
East Ridge Zone from  
Money Adit (2130m level)

Photo (3) Looking westerly

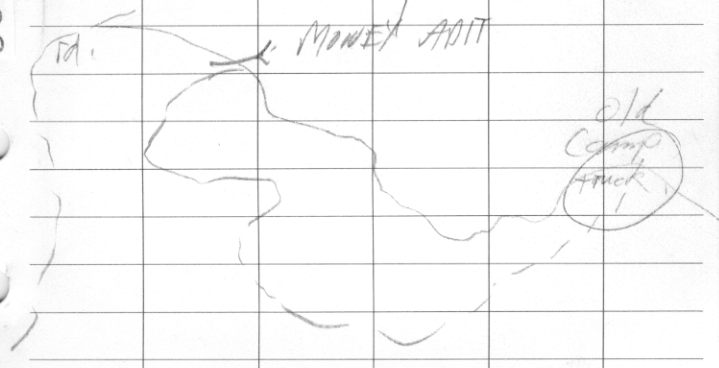


Photo Heino Cut (Adit below)

888832 CANADA R.D.F.

Photo Looking NNE along  
drill sites on way to  
Heino Adit

103-106 in foreground  
(1988-high grade)

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Photo (2) note: drill sites  
almost lost drill over  
slope.

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Photo Looking ESE up zone  
over SCREAMER CUT

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Photo Looking NNE over  
MONEY ADIT & camp.

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Photo (2-vertical) - Looking NNE as  
above from HEINO ADIT

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Photo  
HEINO  
ADIT

metaseds	skarn qtz ven.	Meta ands
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Photo - Face of HEINO ADIT (2)  
 - site of u/g drilling program

Photo Looking northerly 'down'

ZONES  
 from HEINO  
 CUT

x MILLERACK

o OLD CAMP

x MONEY ADIT

x SCREAMER PIT

x HEINO ADIT

Photo Looking southerly  
 towards ARNE FLATS

Photo Looking <sup>Northerly</sup>  
 over East Ridge Zoo  
 (+ adit) - 2 vertical shafts

Photo Looking SE over ARNE  
 FLATS

Photo Looking northerly over  
 zone + Millerack  
 - Nakusp in valley to left  
 of camp + drill site (foreground)

Photos (3) Looking N over  
mine + 'Molly Flats' +  
Arrow: Lks (Faurquier Ferry)

Photo Looking N over all  
zones of min.

Photo Looking south up zone  
from 'stockpiled ore'

Photo ore stockpiled by 5 ton  
ore truck

Photo - overlooking CAMP (lower)

Photo - looking eastward over camp  
+ north end (top) of East Ridge Zone

~ 1/2 hr from Nakusp to Burton  
- turn left at Galt, then right  
at Chuck - continue to Caribou  
Rd. - turn left - proceed ~ 8 miles  
to bridge + continue up to camp  
@ approx. mile 18.

- ab. photos (close-ups) of U.G.

82F/NW  
82K/SW

TILICUM

③

→ see files for additional data!

- camp moved in 1985 down closer to water source + for better tailings pond.
- ~ 8 person camp (incl. 4 miners)

PLAN - waiting for decision on milling high grade ore > 1oz/t Au

- Stockpiled bounds to date of ~ 150 tons grading 1.5 to 2oz/t Au
- Hope to find ore shoot between Money Adit level (2130m) + Screener Pit (2150m) ~ 500 tons @ 5 oz/t Au
- raising up to test shoot

- 1986 DDH - 104 assayed  
9.2 oz/t Au over 3.2 ft,  
(just below Heino Cut).

- possibility of custom milling at Roberts mill at Greenwood?

Ref. GSC bull 161 (1968)

R.D. PENHALL LTD. MADE IN VANCOUVER, CANADA  
DUKSBK WATERPROOF

V.G. best assoc. with chlorite-sericite  
in skarn between metavolcs.  
(ands-bst) + metaseds (argill.)  
= alt'd rx. have brownish tunc  
due to Mn, sec. diorite?

→ If new ore shoot pans out  
& can mill & mill & sell ore for  
a profit — would like, to  
put in a lower adit  
(say 2110 or 2100 m)  
i.e. 20 to 30 m below  
Money Adit level.

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Skarn spatially + genetically?  
related to diorite sills  
(hard to see - metam.)

- Lower angle faults (post-mineral)  
offset min. zone  
HEINO-MONEY PIT - Au-bearing, siliceous  
calc-silicate skarn alt'n = statabound  
Host rx = meta bst + metaseds (argillite)

# TULLICUM



- Skarn characterized by pinkish-green to N. brownish colour. - layered ± gtz. veinlets
- V.G. as veins, clots (in chlorite), fr. dissem. + in gtz. veinlets.  
→ generally assoc. with po, py, PbS + ZnS. (+ arsenopy - pyrites)
- 'swirling' in skarn indicates proximity to mineralization
- Assays very erratic with cut-off now around 0.30% Au but lots more .05 + better
- Lamprophyre dykes cut off ore
- Cross-structure at entrance to MONEY PIT is also mineralized + could be accessed by 100 ft. adit  
LEVEL (S) to mine ~ 20m vertical

Note: Mining to date has been over at 20m vertical interval only!

- Heino-Money Zone strike length ~ 500 ft, depth up to 200 ft, thickness 3.5 to 23 ft (av. 8 ft)

→ No work done on any other zones (e.g. East Ridge)

## 1985 SUMMARY

- production + sale of 1,718 oz gold. (mined 3,200 tons from surface + 4/G)
- open stop & tracked mining
- 2500 dry tons @ .69 oz/ft Au directly shipped to custom milling at Dankoe Mine (near Keremeos) - standard grinding + flotation methods produced jig + flotation con. containing 1,530 oz. Au (92%<sub>recovery</sub>)
- Add. gravity sep. incl. jigs, Wilfly tables, + gold spirals on 2-tons = 188 oz Au (90%<sub>rec.</sub>)
- est. 1985 costs were \$240/ton

⇒ Shoshonitic Island arc-type  
(Correl. - Rossland GP. + Teedogone volcs.)