

Notes by: Tom Schroeter.

May 28/92

SCMDRC

① From: Jan. 30/92 Meeting

9. • Stump Lk. - proposal to subdivide - residential - tailings
- need legal interp. - 'notice' on file

• Craigmont - proposal/acceptance in-principle to treat magnetite tailings (start Aug.) - 3 yrs. life (pre-processed)
- Dick Herman
15-20 yrs reserves total in impoundment area.

• Cassiar ^{area} - TGS - ex. Native involvement at Erickson Gold site

• 'Natives' - preliminary / fiduciary responsibility (Various Ministries treat differently)
MOE - (kamloops) - has recently hired a 'Liaison Officer' to deal with 'native' issues.

EST
170 diff. bands
3.3 million people

June 9th - Meeting in Van. - incl. econ. dev.

→ defer(table) to next meeting

- TGS recommended scmprc approach, Min. of Native Affairs in Victoria re - policy / guidelines / co-ordination re - site visits

② BLACKDOME - mill still for sale - est. \$200k, incl. reclamation

(Art O'Brien)

- not sufficient reclamation bond to deal with

- lien on equipment (to \$420k)

- 85% 'put to bed' - camp removed

- machine shop, crusher bldg - still there

- adits - permanently blocked

- Empire Valley Ranch - sold to German consortium (want to buy Blackdome mine). - road 'closed off'

Company Contact: Tom Colbourne - gate key

(re-potential retrieval of geol. info)

③ AF70N/Agg: locks 2k - highest level ever
(Art O'Brien) - mine still closed - looking for \$1.10 Cu

④ Highland Valley Copper: agriculture - metal uptake in hay (experiment)
(Ken Munro) - cattle grazing VS conflict with wildlife i.e. land mgmt.
- HVC to be present at Sept. meeting.

⑤ SAMATOSUM: Mike Bell - Acting Mine Manager
slide show - Eric Denholm - excellent aerial slides (Apr. 25/92) → 'class' act to request TOS
2 adits @ 1330m + 1290m production level
- 'layering' technique of waste dumps to address potential AMD
- Pond to be ~ 20m deep in bottom of pit
- eq. acid consuming waste (AW) being re-placed on top of potential acid-consuming (FW) rocks (6m cover)
- weak, prelim. Zn + Mn 'anomalies' in waters from waste d
- Current Bonding = \$300k
→ Mo, Se, Sb in tailings pond - against compliance!
- introduce ferric sulphate ⇒ Mo. 7µm to < .1ppm est 200ppm discharge
- back thru treatment plant Se 35 ppb to < 10 ppb est 200ppb discharge
Sb 50 ppm (allowed 50ppm.)
- Milling to end in Sept. late Oct/Nov. - 'treat' entire tailings pond with ferric sulphate → pH ~ 5.8 - next treatment plant
- tailings to remain under 2m of water on abandonment (Oct. 1994)
Core rocks - to remain on site (gated)
- promised access to geol. info (maps, rocks, etc.)
→ TOS to discuss with Samatosum mine staff as well as Minnova Exp'n staff in Van. (Pirie)
- 34 permanent staff at present
- want to send 'infrastructure' as a package
- Proposed site tour for committee members in August
- Future correspondence/dealings re - mine closure - geol. info capture
a) Mike Bell, Acting Mine Manager b) Ian Pirie - Minnova (Van)
- invite to visit (esp. Bob Friesen), stay in camp

Jan Pirie

SAMATOSUM

Jan. 13/88

Slides - Johnson Lake in middle (aerial) - Geol. - plan
 (model) - aerial of deposit itself + Section
 - good MAX-MIN conductors → graphitic argillite
 Pb-Zn-Ag distinctly diff. than Au-Ag in soil (i.e. Red Gold-Discovery zone)
 (i.e. Samatsum)

plus legend

98+50 NW

Reserves - 250 g/t Ag cut-off
 ~600,000 ~~tons~~ tons
 @ pub. grades → no other dilution
 2 m wide mining width

- sign axial plane 'Folding' → shearing (incl. tight isoclinal in network)
 - most of Ag (+Au) in tetrahedrite (i.e. Freibergite)
 + bournonite, cpy etc.

→ mining by open pitting
 (must remove 15 m tons of waste to get to 350,000 tons ore)
 topography → [i.e. 15' / 100']

Graben (boundary) fault = channel way for fluids

Pb-isotopes - min. = Devonian
 Defmin - Triassic = remob. (no addition of Pb)

WELCOME - Full State of talks

NEW MEMBERS

SAMATOSUM

MESS AGES

(1a) List of talks, etc. - front desk or posted

(1) KAMLOOPS EXPLORATION CONFERENCE

(2) C. O. G. S.

(3) G.A.C. - separate sheet ~~Platinum Workshop - Mon. Feb. 1~~

(4) MEG Telephone Chairperson - Jay Douglas (Cominco) 685-3073

(5) UBC Talks - Chamber/BCGS

(6) CIM - Jan. 29 - Puffy Lake, Man.

(7) Applications for Advanced Prospecting Course Apr. 20 - May 1
#400

(8) Cordilleran Roundup '88 Tues. Feb. 2 - Fri. 5

(9) MEG Directory - Chemex

→ Any other notices or announcements?

- Next MEG talk, - Jan. 27 - Sleeper

- Laser Pointer - Nishikami talk #13 - Feb. 10th