

Field Trip Prior to O.D. Exploration - Mineral Hill

800963

June 10/67 - Mineral Hill

Require several geol. composites on corrected grid systems
for general O.D. layouts & records; these can
be broken down to 100-scale detail sheets; Mike's
staff can proceed with this.

Base line traverse northward of Northby P.B. through
on high grd to sta 10+00N.

on northby slope 10N-12N; on flat @ 12N

Small
Cr - Cross gully @ 12+65N, beg. East & N 80W - low point
12+65N-1600N. ground rises gently; also to E.

16-21 N. all high grd; summit grassy knoll @ 21N

Note 18-21 N appears to be deep O.B.

Sharp drop off to 22+90; E-W Cr. @ 22+95' - good coal

Note above is general draw @ 22+90' - 2400'

* General

Initial O.D. to commence on the east side of bp
zone white soil sampling & results accurate from
slabbits - gg bp interval.

Crew to compile 200-scale composites & supplement
any 100-scale blow-ups.

June 10/67

McRowers Hill.

At tower, 103.1'

Breccia, tuffs, lava, N10°W @ 66°E - green green
red brown andesites

down road 103.85 N40°E 60W

lightly-sh. & silic andes flows; Shear @ N40°E; 60W

massive tuffs & fine breccias, sp. cat. some silic aeth
104.1 N15°W; 75°E, lat. strike horizontal,

104.5 Prob. Shear zone mat'l; varly (loc strongly) silic
volc. w. Fe ox N55°E; 75; also N80W - 1/2" sp. cherty
also NW striking fault zones → fracture complex
on road by below in showing

© 105.2 Rhyolite flows; N10°E; 92E
Fair soil develop here; poss "B" zone @ 1 1/2'

Copper zone or arkosic bp

© 50' W of 6+005 on rd. Poorly crystalline granite, few
fair pink feld. develop; some cpy, tetrah & 2nd in
NW steep fracture.

© 400' W of 6+005 down road; arkosic bp w. frops
argill, andesite, etc, in conspic orange feld.
development. Minor Cu - pb - Zn worth

advise Dan Small
Results / Manag.

John Walker - June 15/67

Phone or write
Manag.

Mineral Hill - results encouraging

"C" horizon looks best = bottom part of
(Smithers off) "A" zone; A₂-A₃ (Smithers "B") - ; 10"-15"

Can set out a prog to test zone

Mo. Cu, Hg - particularly in organic rich zones

very closely
assoc.

Forget about this initially
might be applied later to
check Mo-Cu.

Don Tully

The Hg may be giving us the primary
pattern;

Relate field data to Topog -
therefore crew make field notes but
note that best procedure is to
go back in field & relate Topog

microwave Hill

1/cd 1/cu 1/Hg

neglect Cd for present

The Cu anomalies do not check out

→ Completely transported soil - prob need
more samples down-slope along a given
* line - say 6+ samples across from Cu Minn
- pres geom. does not look good for
Microwave Hill

John plans to be in Smithers area

1st week in July

J. Walker report on this is pending
letter to Manag att'n. M.B. & M.W.
phone: