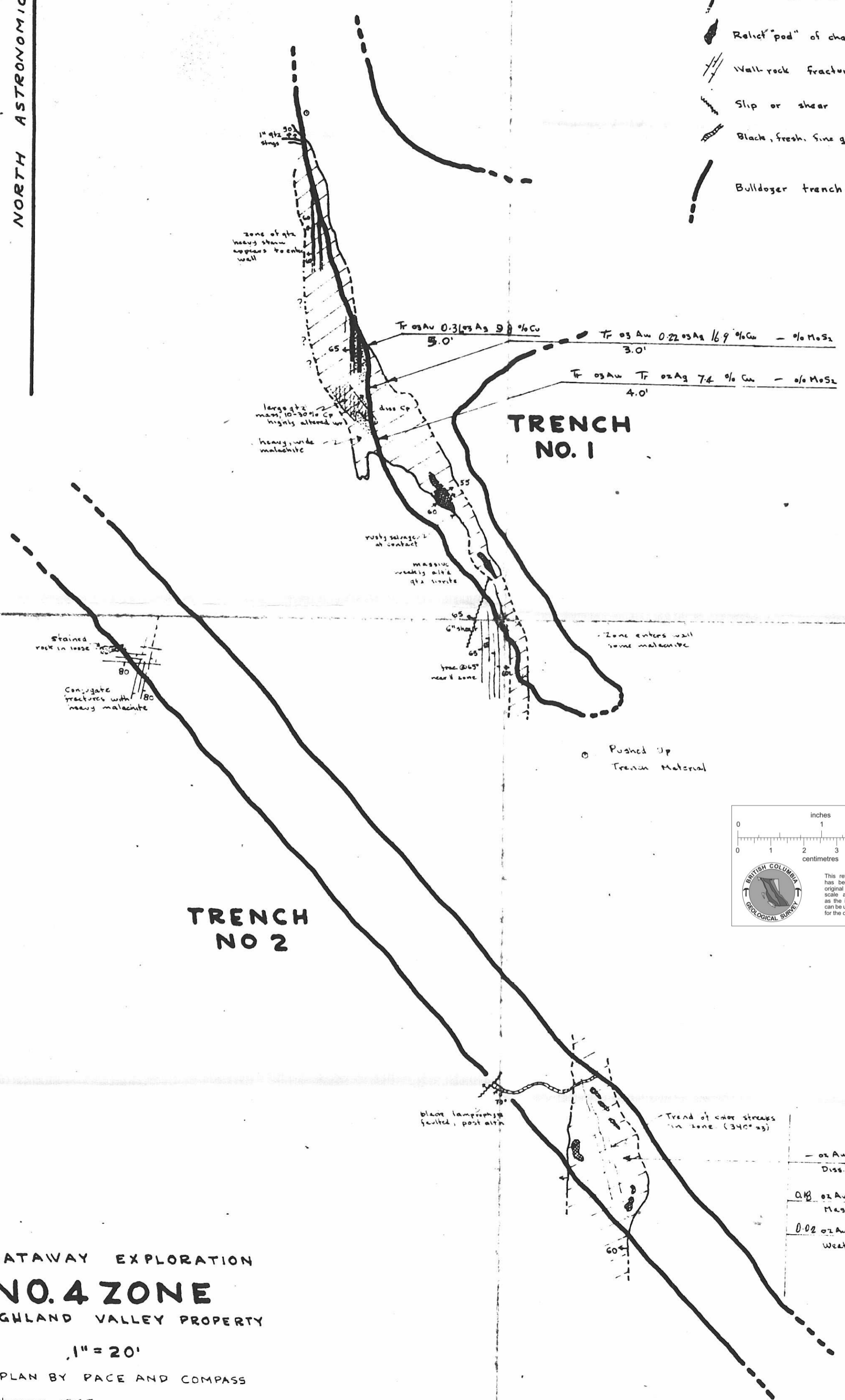


NORTH ASTRONOMIC

**EXPLANATORY**

Cross-hatched area represents approx. limits of intense alteration and weathered vein material and is a mixture of sericite, quartz carbonate, copper carbonates, intensely altered wall-rock and preserved vein material, also chlorite and kaolin.

- Quartz vein, usually with heavy chalcopyrite (20-40%)
- Relict "pod" of chalcopyrite-quartz within zone
- Wall-rock fracture or joint
- Slip or shear
- Black, fresh, fine grain dyke, probably lamprophyre or basaltic dyke
- Bulldozer trench



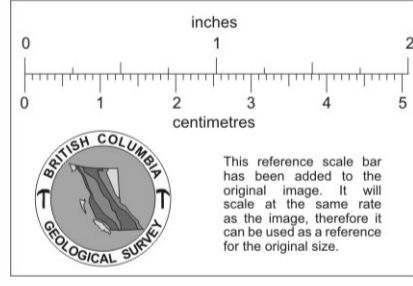
Tr 03 Au 0.31 oz Ag 9.9 % Cu  
5.0'

Tr 03 Au 0.22 oz Ag 16.9 % Cu - 1/10 MoS<sub>2</sub>  
3.0'

Tr 03 Au Tr 02 Ag 7.4 % Cu - 1/10 MoS<sub>2</sub>  
4.0'

**TRENCH NO. 1**

**TRENCH NO. 2**



**Character Samples**

- 02 Au - 02 Ag 0.17 % Cu  
Diss. Cp, Ps in altered wall rock

0.18 oz Au 0.56 oz Ag 14.7 % Cu - 1/10 MoS<sub>2</sub>  
Massive Cp "pod" relicts

0.02 oz Au 0.14 oz Ag 2.6 % Cu  
Weathered "mud" with Cp remnants

CHATAWAY EXPLORATION  
**NO. 4 ZONE**  
HIGHLAND VALLEY PROPERTY

1" = 20'

PLAN BY PACE AND COMPASS

23 February 1965 A.G. H.