



Energy, Mines and  
Resources Canada  
Geological Survey of Canada  
100 West Pender, Vancouver  
V6B 1R8  
14 December, 1984

Énergie, Mines et  
Ressources Canada  
Commission géologique du Canada  
100, ouest, rue Pender, Vancouver  
V6B 1R8

675989  
Tsirku Gp.  
114P/7

Your file      Votre référence

Our file      Notre référence

Dr. R.I. Thorpe  
Geological Survey of Canada  
601 Booth Street  
Ottawa, Ontario K1A 0E8

Dear Ralph:

Enclosed are specimens for Pb and S isotope analyses from the Mt. Henry Clay-Tsirku Glacier discovery area of Stryker Resources, located on the Tatshenshini Map Sheet (114P/8) about 40 miles SE of WINDY CRAGGY. The objective is to compare Pb isotopic abundances with WINDY CRAGGY specimens analyzed earlier to establish correspondence, and to compare with published Pb isotopes from the Glacier Creek stratiform barite-Pb-Zn-Ag deposit adjacent to this locality in Alaska. Field studies are planned for this area in 1985. Specimen descriptions follow, along with location map.

DY 3040: No. 2 ('Low Jarvis') on location map. 10 km N of Mt. Henry Clay on BC-Alaska border. Float on talus. Crudely laminated barite-pyrite-sphalerite-galena. Analyze galena for Pb isotopes, make barite separate, forward to Gwendy Hall for S isotopes.

DY 3040A: barite separate from DY 3040 for S isotopes.

DY 3041: No. 1 ('Low Jarvis') on location map. Outcrop W of Herbert Glacier. Gossan 100 m thick. Interbedded MS and green pillow basalt. Trenches trace mineralization 500 m in NS trend. DISS. chalcopryrite-calcite-galena-pyrite in lensoid mineralization in 'talc-sericite schist'. Trench assays 0.34 oz/t Ag, 0.01 oz/t Au over 17 m; Zn up to 2%, Co erratic. No visible galena, trace sphalerite in specimen. Make ZnS concentrate, run Pb isotopes on galena if present.

DY 3042: No. 7 ('Grizzly Heights') on location map. 2 km NW of jct. Tsirku and Herbert glaciers. Float on talus. Vertical gossan may extend 6 km to W. 1 1/2" wide barite vein or bed in quartz-biotite schist, diss. pyrite, sphalerite and galena on vein margins. 20 cm wide vein assays 0.344 oz/t Au, 0.42 oz/t Ag plus Cu ~ 1% Co .016% in boulders. Run PbS for Pb isotopes.

DY 3042A: Coarse crystalline barite from locality of DY 3042, with minor sulphides. Run barite for S isotopes.

....2/

Canada

Dr. R.I. Thorpe  
Geological Survey of Canada

14 December, 1984

DY 3043: Float, US side of border, E of Mt. Henry Clay, issues from under ice cap on border. Laminated pyrite-pyrrhotite-chalcopyrite-minor sphalerite-barite-silica. Run sphalerite concentrate for Pb isotopes.

DY 3043A: Barite concentrate from DY 3043, to be run for S isotopes.

Yours sincerely,

K.M. Dawson

KMD/bv

Encl.

*Geo Summary contacted May 15/85, will call back*

	206/204	207/204	208/204
DY 3040	18.784	15.581	38.267
DY 3042	18.660	15.576	38.160
DY 3043	18.822	15.590	38.300