

## **APPENDIX VI-2**

***INDUCTIVELY COUPLED PLASMA (ICP) ANALYSES***

***AND DESCRIPTIONS FOR MINERALIZED SAMPLES***

## **Sample List**

### **Pelly-Cassiar Platform**

#### ***Chzerpnough (Fire) property***

JH96-4A – chlorite-iron carbonate altered ?felsic fragmental metavolcanic rocks with approximately 2m by 5m pale yellow to orange bleached and oxidized patches/lenses (only quartz remains), locally with epidote and manganese. The rock is strongly foliated and porous. This is a 1m chip sample from a bleached patch/lens collected perpendicular to foliation.

JH96-5A – yellow to orange to brown weathering, bleached, medium grey, ?siliceous, locally brecciated ?felsic metatuff rock. Rock is pyritic and locally contains massive fine-grained pyrite layers about 5 cm thick. The outcrop is strongly jointed and cut by quartz veinlets approximately parallel to jointing. Minor chlorite alteration. This sample is a 1 m chip across a yellow weathering area.

JH96-5B – same outcrop as 5A, this sample is a 1 m chip over a dark brown weathering area above 5A.

JH96-5C – same outcrop as 5A and 5B, this sample is a 1 m chip over a dark brown weathering area above 5B.

JH96-12B – bleached and oxidized fragmental ?felsic metavolcanic rock with fine-grained siliceous clasts with disseminated pyrite. This is a 0.2 m chip taken perpendicular to foliation.

JH96-15B – dyke about 3 m wide, trending NE-SW, cutting felsic metavolcanic rocks. Dyke weathers dark rusty brown to dark grey, fresh is dark grey-green, fine to medium grained, biotite rich, rare quartz phenocrysts, chloritic. This is a grab sample of fine-grained grey siliceous material with malachite staining from the south east side of the dyke.

#### ***Wolf, Fox and Red properties***

JH98-108 - Cream to rusty weathering, bleached, vuggy/porous rock. Possible relict massive sulphide. Grab sample from subcrop in a gossanous band approx. 2 m wide. Location 105G/5 UTM zone 9v, 362650E 6805000N.

JH98-AI - Black, “foliated/flow banded” massive sulphide with angular to subangular trachyte fragments.

JH98-AII - Massive sulphide (pyrite).

JH98-AIII - Pyrite band about 2cm thick in massive trachyte.

Samples AI to AII are creek boulders collected at the contact between underlying limestone and overlying volcanics. There is an outcrop in the creek bank about 200 m to the south where the boulders probably came from at approximately 1480 m elevation. Location 105G/5 UTM 363750E 6806060N. This location is at the border of the Fox and Red Claims.

JH98-C – “calcrete” at the contact between volcanic rocks and overlying argillite, location 105G/05, UTM zone 9v, 6804575N, 361175E

### ***Finlayson Lake district - Eldorado property***

JH96-30-2 – rusty weathering, ?silicified phyllite, fresh surfaces are dark grey, graphitic and finely layered, calcareous. Contains disseminations and blebs of pyrite  $\pm$  sphalerite, and locally 1 cm wide bands of pyrite parallel to foliation. The outcrop is cut by pinch and swell massive white quartz veins about 10 cm wide parallel to foliation. This is a 1 m chip sample collected perpendicular to foliation of phyllite with trace disseminated pyrite. Location 105G/12, UTM zone 9v, 6845150N, 356450E.

JH96-33-2 – rusty weathering, graphitic phyllite, strongly foliated, cut by numerous quartz veinlets, ?silicified, non-calcareous, very finely laminated, locally with pyrite. This is a 1 m chip sample of phyllite with trace disseminated pyrite  $\pm$  sphalerite. Location 105G/12, UTM zone 9v, 6845750N, 356525E.

### ***Finlayson Lake district – near Fire Lake***

JH97-42 – float of SRPS granodiorite cut by a massive white quartz vein with malachite, galena, chalcopyrite, pyrite, bornite and native copper. In talus near the base of the slope. Location 105G/01, UTM zone 9v, 6789900N, 423850E.

JH97-42A – same as 42

JH97-43 – same as 42 but collected 30m upslope. Location 105G/01, UTM zone 9v 6788500N, 423650E.

JH97-45 – float of SRPS rusty weathering quartz monzonite with approximately 10% fine-grained disseminated pyrite. Location 105G/01, UTM zone 9v, 6788500N, 423650E.

JH97-102 – quartz vein with malachite staining in SRPS ?granodiorite. Location 105G/01, UTM zone 9v, 6792675N, 423025E.

### ***Dawson area - Matson Creek property***

WZ-014 – quartz-muscovite-chlorite schist layer about 0.75 m thick over and underlain by chlorite schist. Chlorite schist bands are at least 0.5 m thick and contain about 10% goethite. The outcrop contains disseminations and coatings of native copper (<1%). Locally the quartz-muscovite schist is cut by quartz veinlets and is pistachio green in colour (calc-silicate?). This is a 0.75 m chip sample across the quartz-muscovite-biotite $\pm$  schist. Location 115N/3, UTM zone ?, 50852E, 7042.39N

WZ-015 – Same outcrop as WZ-14. This is a 0.5 m chip sample across the chlorite schist.