Project: HALDANE **Hole Number:** HLD10-1B

From	To	Rocktype	& Description
101.50	103.00	PHYL	

Phyllite

Typical PHYL with a QRTZ section, common QZ boudinage, bladed xtals sections and minor LI weathering. Beds at 50 deg tca.

QRTZ section at 101.55 m (6 cm). QV's parallel to bedding at 101.75 m (7 cm, with wCL) and parasitic folding oriented at 70 deg tca of PHYL 1cm below vein and 102.35 m (15 cm, mCL and 1% weathered PY) with bladed xtal zone the 6 cm before the vein. A 2 mm PY vein cuts through lower QV at 45 deg tca.

Lower contact is sharp with QRTZ at 40 deg tca.

From	To	Rocktype	& Description
103.00	110.92	QRZT	

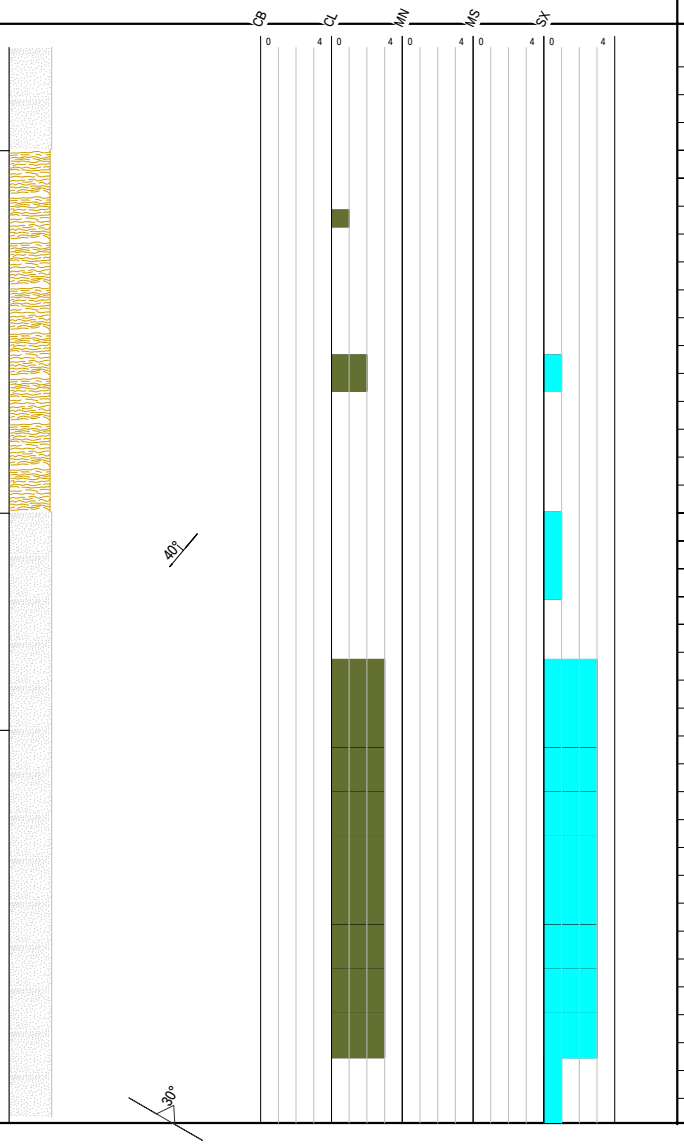
Quartzite

Top part of unit is typical QRTZ with weak bleaching though at 104.35 m becomes highly oxidized and mineralized with poor recovery to 108.00 m. Drilling encounter problems through this zone when reaming. Some PHYL zones just above, in amongst mineralization and towards lower contact. 1-2 mm calcite veins cross-cut beds at end of unit. Bedding at ~40 deg tca, but through mineralized zone up to 85 deg and at 60 deg by lower contact.

QZ bands, 1-2 mm wide form along beds for first 80 cm before becoming mainly interbeds of PY selvage, LI weathered PHYL.

@ 104.35 m, 20 cm of strongly weathered, brittle, mainly metallic zone with xtal structure unidentifiable is encountered. Short bands of thin (2-5 mm) sulphide mineralization form along fractures and within QVing past this zone until 108.00 m. Phyllite interbeds common through this zone, as is QVing, alteration selvage around fractures, strong CL alteration and LI weathering, PY bands and fault gouge.

From 108.00-109.00 m, sulphide mineralization is less prevelant, forming in veins, but only about 1%. Veining generally cross-cuts beds at 30 deg tca with



From	To	Width	Sample	Ag ppm	Pb ppm	Zn ppm
101.50	103.80	2.30	475093	0.3	7	87
103.80	104.35	0.55	475094	0.5	20	429
104.35	105.00	0.65	475095	96.2	3140	15000
105.00	108.00	3.00	475096	73.5	18100	4540
108.00	109.20	1.20	475097	2.3	259	4120
108.00	109.20	1.20	475098	4.8	649	5440