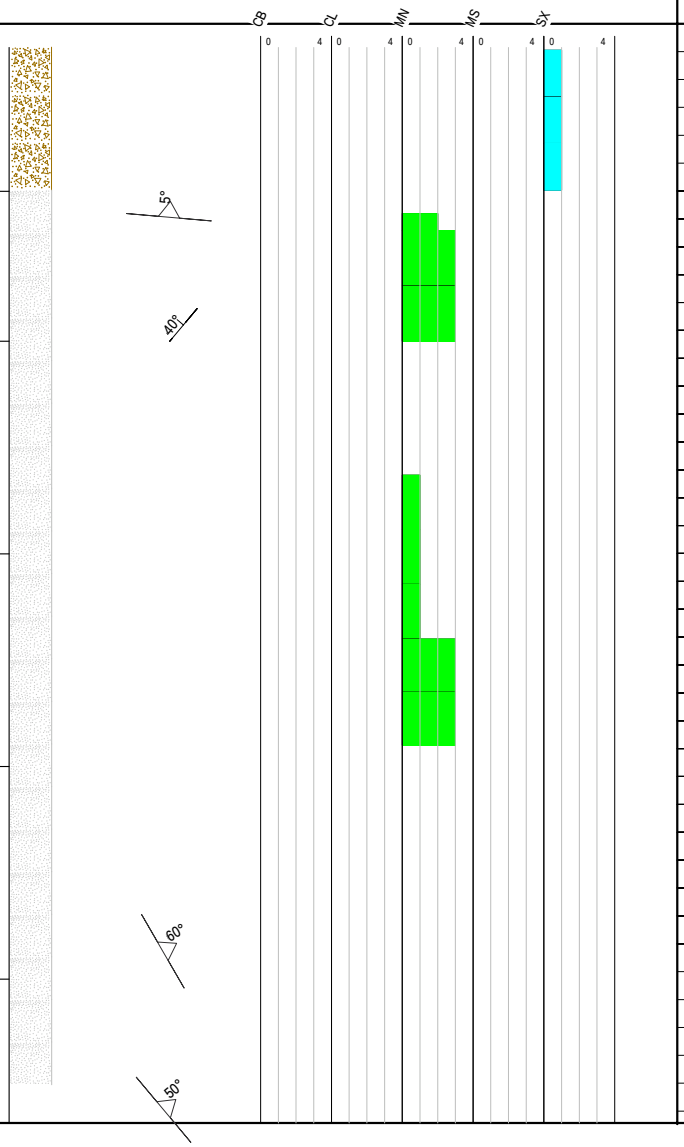
Project: HALDANE **Hole Number:** HLD10-02

From	To	Rocktype	& Description
			Towards lower contact breccia becomes more QRTZ-rich and retains the strong LI character.
			Lower contact is rubbly with QRTZ.
86.45	122.50	QRZT	Quartzite
			Varying quartzite unit with several different types of alteration affecting the unit from clay, bleaching, w-m LI weathering, MN fracture fluid alteration envelopes with metallic residue on fracture surfaces, a pinkish red (HE?) alteration is prominent in places. Bedding varies from 40-60 deg, where visble.
			At top of unit, hard, dark red 1-3 mm veinlets cut through the QRTZ for 20 cm. Possibly mineralized. Interval was sampled. Veinlets dissipate at 87.00 m.
			From 87.00 m for 40 cm, zone is fractured with strong LI weathered fracture-fill and mod MN along fractures.
			Strong MN and w-sLI fracture coating in bleached QRTZ from top of unit to 90.00 m, with alteration halos 1-5 mm in width. No MN along fractures from 90.10 m to 93.15 m Reddish alteration also commonly associated with fractures, especially from 90.00 m onwards to 99.5 m, except in bleached zones. 91.35-93.15 m, moderately bleached and wLI with minor QVIng.
			93.15 - 97.00 m moderately bleached with three 1-3 mm veinlet spanning ~50 cm with MN and reddish alteration at 5 deg tca. Several fractures also host MN alteration in this interval. Bleached zone with MN fracture halos continues to 99.50 m.
			Strong bleaching/lightening of QRTZ from 99.50-107.70 m with wLI and minor mainly 1-3 mm QVing (15 cm at 104.25 m). 107.70 m unit becomes slightly phyllitc to 108.60 m, though with a 35 cm sLI QV cutting through bedding at 107.95 m. Bleached QRTZ, with abundant QVing from 108.60-110.90 m followed by weak patchy bleaching and wLI mainly around fractures to 113.10 m. Reddish alteration at 111.95 m for 5 cm and over 40 cm at 112.70 m.
			From 113.10 m to 115.10 m, QRTZ is fairly uniform with bedding at 30 deg tca,



From	To	Width	Sample	Ag ppm	Pb ppm	Zn ppm
86.45	86.65	0.20	475134	15.2	1940	3550
86.65	87.20	0.55	475135	8.0	1055	1215
87.20	87.60	0.40	475136	9.5	692	2760
87.60	88.35	0.75	475137	6.1	799	1905
88.35	88.95	0.60	475138	3.5	203	779
88.95	90.00	1.05	475139	2.8	233	612
90.00	90.70	0.70	475140	3.0	1010	1330
90.70	91.35	0.65	475141	1.0	351	612
91.35	93.43	2.08	475142	1.0	158	335
93.43	94.00	0.57	475143	0.2	37	227
94.00	96.00	2.00	475144	8.2	266	803
96.00	97.15	1.15	475145	1.6	92	472
97.15	99.00	1.85	475146	19.4	150	406
99.00	99.50	0.50	475147	14.8	45	363
99.50	102.00	2.50	475148	2.6	42	148
102.00	105.00	3.00	475149	1.8	29	88
105.00	108.00	3.00	475150	7.3	47	182
108.00	108.60	0.60	475151	6.8	12	167
108.60	109.45	0.85	475152	6.3	12	117
109.45	111.95	2.50	475153	3.0	8	88
111.95	114.00	2.05	475154	2.0	10	74
114.00	115.50	1.50	475155	2.1	55	114
114.00	115.50	1.50	475156	1.9	81	169
115.50	117.00	1.50	475157	3.6	84	251
117.00	118.85	1.85	475158	9.8	624	499
118.85	120.15	1.30	475159	12.0	775	2660
120.15	120.90	0.75	475160	7.5	218	1495
120.90	122.50	1.60	475161	11.7	488	794