

2011 Rusty Drill Log

Hole ID	From (m)	To (m)	Lithology	Colour	Grain Size	Oxidation	Mineralization 1	Mineralization 1 (% code)	Mineralization 2	Mineralization 2 (% code)	Alteration	Alteration Form	Alteration Intensity	Veining	Veining (%)	Comments
RM11-002	88.3	127.5	SLT	GR	FG	0	GA	1			PH	PAT	1	QC	1	Patchily bleached siltstone continued. Local stringers with galena+/-cpy 94.3: qtzite cobble in siltstone. 115.29-115.6: bed of pink-tan altered siltstone. Round eyes of (c)py with coronae and rims of galena and grey pyrite. Near laminations with up to 70% cpy (<5 mm wide).
RM11-002	127.5	145.4	SLT	GR	FG	0								QZ	1	Irregular, bedding parallel breccias of qtz+dark vein material appear. Some as breccia fill, others as beds. Interbeds of laminated green siltstone, rare 10 cm cobbles of qtzite. Weak qtz-carb extensional veins with little to no mineralization. 145.4m: EOH
RM11-003	0	18.3	SLT	GRD	FG	0								QZ	1	Fine-grained dark green siltstone, laminated with 0.5-1cm beds, alternating dark and light. 10.30m: 4cm cobble of dark grey qtzite w/ cpy along contacts (contacts fractured with siltstone infill). Cut by extensional qtz veins around 75 ° tca dipping opposite bedding. Laminations locally folded and disrupted. Amplitude around 3mm, displacement 1 cm.
RM11-003	18.3	19.3	SLT	GR	FG	2	GA	6	TET	4				QC	50	Oxidized (Fe+Mg) fractures parallel to and cross-cutting bedding planes. Irregular qtz-carb veins. Brecciation. Fine stringers of galena. 18.6: 40 cm intersection of massive steel galena and tetrahedrite vein with vuggy qtz-carb margins.
RM11-003	19.3	27.4	SLT	GR	FG									QZ	1	
RM11-003	27.4	31.5	SLT	GRL	FG	2	GA	3	SPH	4	PH	PER	1	QC	20	Bleached siltstone with veins of massive red-brown sphalerite as planar veins and breccia matrix with stringers of galena. 70% sph and 30% galena. Galena in stringers distal to main breccia. Mineralized veins end but bleached siltstone and FeOX continues
RM11-003	31.5	40.8	SLT	GRL	FG	2					PH	PER	1			
RM11-003	40.8	42.7	SLT			0	SPH	4	GA	3				CCDO	20	Carbonate (dolomitic) and Fe-Carbonate stringers brecciate massive siltstone with oblong rounded clots of red sphalerite. Includes 50 cm of massive qtz-carb matrix. Sphalerite occurs as clots interstitial to dolomitic veins that cut bull qtz-carb. Sph/gal=70/30. Local tetrahedrite. 42.35-42.5: massive sph>gal>tet/BJ sphalerite vein cut by dolomitic stringers. Bound by qtz-carb veins. Stringers/gashes w/ cpy and galena in wall rock.

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RM11-003	42.7	44.2	SLT	GRL	FG	0					PH	PER	1			
RM11-003	44.2	75	SLT	GRL	FG	0					PH	PAT	1	QZ	1	Weakly, patchily bleached siltstone with extensional qtz veins. Qtz veins and stringers with phyllic selvages rare. □ 62.4: 4 cm clast of qtzite. Sst fingers into cobble on fractured margins.
RM11-003	75	103.7	SLT	GR	FG	0								QZ	1	Bedding goes from 75°tca to around 90°tca. Subtle change. Qtz veins, no mineralization. Local black beds and carbonaceous fractures (graphite)
RM11-003	103.7	108.3	SLT	GR	FG	0	CPY	1						QZ	4	Brecciated siltstone with qtz matric. Bedding disrupted. Many gashes of qtz. Minor cpy
RM11-003	108.3	125	SLT	GR	FG	0								QZ	1	Green siltstone with scattered bull qtz gashes, veins and stringers.
RM11-003	125	152.4	SLT	GRG	FG	0								QC	2	Abundant extensional qtz-carbonate veins (vein breccias). Greying downhole. 152.4m: EOH
RM11-004	0	19.2	SLT	GR	FG	1								QC	1	Green laminated siltstone. Bedding 20°tca. Cut by fine carbonate veinlets and scattered qtz-carb veins. □ 4.2-6.1m: oxidized vein breccia
RM11-004	19.2	23	SLT	OR	FG	3	GA	3						QC	10	Limonite oxidized siltstone
RM11-004	23	43	SLT	GR	FG	0	GA	1	CPY	1				QC	2	Unaltered green siltstone cut by qtz-carb veins around 20°tca (90° from bedding) Local gashes and stringers with galena and minor chalcopyrite □ 42.3-42.7: pods with patchy gal+sph in siltstone breccia
RM11-004	43	50	SLT	GR	FG	0								CCDO	8	Siltstone cut by up to 4 cm veins of tan dolomite and siderite. Veins coarse, extensional and mineralization-free.
RM11-004	50	89	SLT	GR	FG	0								QC	1	Siltstone with extensional qtz-carbonate veins at low angle to core axis.
RM11-004	89	121	SLT	GR	FG	0								QC	1	As above, but with graphitic fractures parallel to bedding
RM11-004	121	122	SLT	GR	FG	0								QC	10	Vein down core axis. 152.4m: EOH
RM11-004	122	152.4	SLT	GR	FG	0										152.4m: EOH
RM11-005	0	12	SLT	GR	FG	2								QC	2	Green laminated siltstone, locally oxidized along fractures (ex 12-12.5m). Extensional qtz>carbonate veins parallel to bedding. Bedding around 35 °tca
RM11-005	12	13	SLT	GR	FG	3								QC	2	Oxidized fractures