

Appendix 3.3.2 - Lithology Log

DDH Hole Number		DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
MO04001		75.9	358	60	661802	6664024	1292	COMPLETE	15/08/2004	Chuck Downie, P. Geo.
From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Prim. Texture	Sec. Texture	Notes:
7.4	40		Chloritic Schist		green		fine-medium			Rusty fract to 10.5m; Quartz sericite schist 10.5m - 12.15m/ptygmatic folding.
13	18		Chloritic Schist	Mafic schist	green	dark	fine-medium	schistose	ptygmatic folds	Well developed ptyg folding in part;qtz occurs in augens; ser content incr; rock becomes more competent/less fract at 14.5m.
18	22.4		Schist	Chloritic Schist	grey	green	fine-medium			qtz ser schist / Sulphide Zone increase in ser content - decr in chl; local qtz stringers est. 4% qtz overall; py incr with central zone from 19.3m - 22.4m est. 60% py with local cpy; massive zones typically have internal clasts of chl schist.
22.4	22.9		Chloritic Schist		green	grey	fine	schistose		chl. schist; mod ser.
22.9	40		Chloritic Schist	Schist	greenish	grey	fine-medium	schistose		interbddd chl schist and qtz-ser-chl schist; 30% chl / 70% qtz-ser-chl.
27.9	49.7		Calc-silicate							possible metaintrusive; coarser grained, larger felsic clasts; str sil'd; distinct from mafic/felsic tuff unit below-poorly bedded; qtz is poss. meta veins; interbedded felsic/mafic units - mafics host qtz veins.
30.2	30.75		Chloritic Schist		green		fine			chl schist with 20% large qtz repl bodies/eyes; barren.
36	36.75		Chloritic Schist		green		fine	schistose		thin lam chl/ser schist; single qtz eye/qtz bnd @ 36.55m.
44.55	45		Felsic Metavolcan		grey	green	fine-medium			vuggy metamorphosed, crenulated felsic intrusive - felsic volcanic; str sil'd; vugs p'll to crenulations; upper /lower contacts sharp suggesting intrusive origin.
46.7	47.9		Felsic Metavolcan		grey	greenish	fine-medium	wavy bedded		str. sil'd felsic intrusive; 6% diss py; low angle crenulation throughout; core from 47.1m - 47.2m is qtz. assoc with low angle crenulation, poss shear o/p.
47.9	75.9		Felsic Tuff		grey	greenish	fine-medium	laminated		thin laminated felsic tuff; lam 80 - 90 deg tca; weak epidote spotting; weakly sericitic; from 51.1m - 54.25m is dk green mafic unit,as seen above.

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<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Prim. Texture</i>	<i>Sec. Texture</i>	<i>Notes:</i>
51.1	54.25		Mafic schist		green					