

Copper Hill Resources Inc.

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Metreage From To		Rock Type	Description	Planar Feature Angle	Sample Length (tags)	Sample Number	From	To	Actual Sample Length	Assays				
										Cu (ppm)	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (g/t)
		Mafic & Felsic Dikes (cont.)	408.13-409.33 Mafic Dike. Grey, fine, non-magnetic											
			Between dike change to more pelitic-semipelitic, grey, chlorite-biotite-cordierite, rare psammite											
			421.43-421.71 Mafic Dike											
			Becomes more sheared & brecciated below dike. Minor sericite altered from 421.96-423.05 with trace Py. Local folded zones & breccia with mainly biotite pelite shards in grey siliceous matrix with sericite or chlorite. Possibly similar to odd felsic dikes seen in PH-09-01											
			428.08-429.56 Consists of irregular clasts of biotite pelite/flakes and quartz vein and/or felsic material set in a finer light grey matrix of quartz-sericite/chlorite with smaller fragments and grey quartz crystals. Possible felsic breccia dike as above											
			429.56-431.06 mid to light grey, fine, moderately magnetic mafic dike with quartz vein inclusions											
			431.06-431.80 same felsic breccia as above											
			431.80-432.83 Mafic Dike											
			432.83-432.96 siliceous, biotite or chlorite bearing, trace Py. Possible felsic dike as above.											
			432.96-433.90 Mafic Dike											
			433.90-435.20 felsic breccia/dike similar to above but coarser matrix. Biotite-quartz-felspar crystals/fragments, fine sericite or chlorite haloed on fragments. Lots Fe-oxide											
			435.720-438.47 mixed mafic dikes & felsic breccia dikes											
			438.47-461.97 Mafic dikes. Several, dark grey, moderate to strong magnetic, fine, chilled, variably plagioclase porphyritic, minor amygdules											
			454.14-455.90 light-mid grey, aphanitic/very fine, plagioclase porphyritic, chilled, non-magnetic											
461.97	519.76	Mafic volcanic	461.97-463.51 mid grey, hard fine possible mafic volcanic			159	464.79	464.99	0.30	115	2	1	n.a.	0.2
			463.51-463.60 angular glassy shards set in yellowish/green matrix of epidote-based mafic material											
			463.60-470.00 grey, massive, chloritic, locally plagioclase porphyritic, quartz-carbonate veined mafic volcanic. Wispy epidote on fractures, other layers vitric material/scoria. Trace Po-Cp											
			470.00-480.30 strongly foliated fragmental rock consisting of biotite matrix, variably to chlorite, with white & light grey quartz or felsic material in cm scale fragments. Trace Po+/-Cp			160	475.15	475.56	0.41	30	3	45	n.a.	0.2
						161	479.36	479.75	0.39	2	2	31	n.a.	0.2

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Metreage From To		Rock Type	Description	Planar Feature Angle	Sample Length (tags)	Sample Number	From	To	Actual Sample Length	Assays					
										Cu (ppm)	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (g/t)	
		Mafic volcanic (cont.)	512.40-519.96 Mafic, possible tuffs. Mid grey, fine, felty chloritic matrix with weak fabric, aphyric, non-magnetic. Matric includes biotite-chlorite variably. Several sections of quartz vein breccia & other breccia zones of white to buff coarse, quartz/felsic flecked with rosette-like sericite, typically at fragment/vein borders. Looks quenched. Locally lots tiny rounded quartz or carbonate crystals.												
519.96	536.07	Metasediments	Upper contact quartz veined. Very massive, unbanded, brown, biotite-rich pelite cut by many, grey, irregular quartz veins & quartz-chlorite veins. Sprinkled with 5-15% very tiny carbonate(?) crystals. Becomes bit lighter, more siliceous & better banded below 527m			162	531.41	531.79	0.38	42	6	45	n.a.	0.2	
			528.55 transition into lighter, more grey, biotite-quartz semipelite to near cherty pelite. Local sericite flakes & trace Po												
536.07	585.66	Mafic	Quick transition back to mafic. Upper section thinly banded, contorted, looks quenched. Goes to green, very fine, quartz-calcite veined massive mafic. Massive, up to 5% biotite, Local weak magnetic.			163	545.69	546.05	0.36	44	2	11	n.a.	0.2	
			539.33-542.54 mafic dike. Chilled, fine, non-magnetic, 10% calcite veins/pods												
			548.27-549.83 very calcite amygdaloidal (flaky light green chlorite+Py) & veined portion												
			552.80-555.85 coarser grained possible dike, possible chill												
			555.85-556.23 quartz, less calcite veined												
			580.70-581.39 coarse quartz-chlorite section												
585.66	596.56	Mafic Dike	Chilled upper margin @ 45°TCA. Coarsens downhole, light-mid grey, fine, diabase texture, moderate-strongly magnetic in coarser centre, minor Py/Po, minor epidote-quartz veins												
596.56	601.63	Mafic Dike(?)	Darker green & grey, texturally variable section. More chloritic. Good diabase texture locally, non-magnetic. Possibly older dike												
601.63	634.79	Mafic Volcanic?	Dark green to lighter grey due to bleaching, fine probable volcanics. Chlorite flakes through matrix. Biotite blebs & on fractures			165	618.53	618.89	0.36	57	2	13	n.a.	0.2	

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