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Drilling Company	Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Springdale Forest Resources		135°	398.37	-60°		12H/01	12700M

Date Started	Date Completed	Date Logged	Logged By:	73.15m/ -58.2° to 132.9°	Location
May 16/07	May 23/07	May, 2007	Paul Delaney	146.3m/ -58.1° to 138.8°	564560E

Exploration Co., owner or optionee	Date Submitted	Other:	222.50m -56.5° to 139.8°	5441081N NAD83	Badger/Springdale, NL
Copper Hill Resources Inc.			396.24m/ -51.8° to 149.9°	564498E	Property Name
				5440864N NAD27	Powderhorn VMS

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm)	Zn (ppm)	Au (g/t)	Ag (g/t)
0.00	6.54	OVB	Overburden											
6.54	50.80	Sediments	Black to mid grey, argillite to siltstone/fine sandstone. Blue quartz crystals in coarser fractions, locally concentrated. Po & local possible Py in more argillaceous layers along bedding locally to 5%. Locally greasy chlorite on fractures	S_0,75°@ 10m										
			8.60-8.91 coarse quartz vein											
			10.60-11.70 magnetic, fine, aphyric mafic dike. Top 35cm bleached and some pug.											
			13.42-20.79 dikes, some bleached light grey, quartz vein & quartz healed breccia. Cave at 20.12											
			Below dikes all dark grey, Po-bearing siltstone/argillite, brown-dark grey											
			34.74-34.86 grey, fine, magnetic, plagioclase porphyritic (clear) mafic dike											
			~35.00m gradual change to more grey siltstone & brown bt siltstone, bt-gt siltstone. Greasy on some fractures. Po streaked on S_0 & some fracture fill. Sericite also more common in light grey material											
			41.65-45.55 back to darker brown/grey, Po-bearing siltstone											
			45.55 area, cobble or lapilli-size clasts. Fragments or ripups of lighter grey material	S_0, 73° @ 42.65m										

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Date Started	Date Completed	Date Logged	Logged By:				Location	
Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			45.55-47.50 gradual lightening of seds. Quartz vein breccia with Po & trace Cp @ 47.00-47.19											
			47.50-48.69 blue quartz crystals seen in lighter grey, bit sericitic sed/felsic volcanic											
			48.51-48.69 50% quartz vein with breccia wall rocks, 10% coarse Po											
			48.69-50.16 brown, fine, quartz amygdaloidal, bt-rich mafic dike, weak magnetic, minor Po. Sharp lower contact @ 60°TCA											
			50.16-50.80 brown, bt-bearing, spotted(?) siltstone with increasing size & % of light grey, more felsic look downhole											
50.80	63.09	Felsic Volcanic / Volcanic Sediment			1.00	26853	52.95	53.95	1.00					
			Light grey to white, fine, poor banded, but local planar beds of more & less sericitic felsic volcanic or felsic-derived sediment. No quartz crystals. Po more in less sericitic parts (2%). See autobreccia with sericite-Po+/-Cp. Banding wavy & variable angles TCA, generally poor. Minor dark chlorite on fractures & local zones.		1.00	26854	57.00	58.00	1.00					
63.09	177.94	Cherty Sediment	63.09-67.62 Gradational change, lose most sericite. Rock light grey, aphanitic to very fine. Brittle fractures lined with Po+/-epi+/-quartz. Fractures are hairline, some opened spaces at junctures											

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Date Started	Date Completed	Date Logged	Logged By:				Location	
Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			67.62-177.94 Change to mainly mid-dark grey, generally massive cherty sediment. Locally more silty with higher % Po on more obvious fabric. Mottled to light grey along fractures/zones. Trace disseminated Po.											
			80.71-80.77 coarse quartz vein @ 80°TCA											
			82.95-83.30 brown, fine bt-rich mafic dike. Weak magnetic.											
			86.45-87.41 dark grey, fine, aphyric, mod-magnetic mafic dike with trace Po. Sediments bleached for 40cm on upper side											
			89.75-94.45 start to pick up more bt layers & more light grey bleaching/fracturing											
			94.45-94.99 coarse quartz vein with sediment fragments											
			94.99-177.94 mostly light grey cherty sediment. Minor mid-dark grey like above section. Cracks lined with Po-sericite. Trace disseminated Po & flecked with dark grey Fe-oxide											
			96.24-96.70 dark grey, fine, weak magnetic mafic dike with irregular clumps of plagioclase-bt to ~1cm											
			109.27-110.80 silica alteration more intense, possible trace Sp											
			113.03-115.83 several leucogranite dikes of 1-37cm											
			115.45-119.28 more bt-gt bearing sediment. Bit more sericitic, 1% Po from 119.28. Continued mottling due to bleaching/silicification. Fractures host Po/Py. Later quartz veins host Po-Py/Cp-trace Sp (eg 130.33). Minor sericite on some frac											

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Date Started	Date Completed	Date Logged	Logged By:				Location	
Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			141.91-142.18 light grey, fine-medium to medium, granodiorite dike with bt or chl-Po disseminated		1.00	26855	108.81	109.81	1.00					
					1.00	26856	127.55	128.55	1.00					
			147.40-147.50 sharp contacts @ 75°TCA. Buff fine, equigranular, granite-granodiorite dike		1.00	26857	138.27	139.27	1.00					
					1.00	26858	144.27	145.27	1.00					
			147.69-148.29 sheared rock, probable dike, epidote-sericite, mottled, quartz-feldspar-calcite-chlorite vein		1.00	26859	154.53	155.53	1.00					
					1.00	26860	167.44	168.44	1.00					
			149.11-149.21 as 147.40-147.50		1.00	26861	176.13	177.13	1.00					
			151.77-153.65 lots broken core. Fractures @ 0°TCA. Rock is grey, weak to mod magnetic, fine mafic dike											
			163.25-169.58 light grey, weak magnetic, very fine, plagioclase porphyritic mafic dike											
			169.58-170.33 bleached, sericite-epidote altered sediment?											
			173.13-173.26 grey, fine, granodiorite dike											
			173.95-174.18 grey, fine, granodiorite dike											
			174.41 1-2cm grey, fine, granodiorite dike@ 5-10°TCA											
177.94	188.20	Mafic Dikes	177.94-179.34 mafic dike, chilled upper margin @45oTCA. Plagioclase porphyritic, fine, non-magneic											
			179.34-185.24 light grey, fine, very plagioclase porphyritic diorite-granodiorite dike, includes mafic dike, fine, grey, aphric, non-											
			185.24-188.20 mid-grey, fine, non-magnetic, weakly calcite-chlorite amygdaloidal mafic dike. Lower contact broken											

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Drilling Company	Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Date Started / Date Completed	Date Logged	Logged By:				Location	
Exploration Co., owner or optionee	Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
188.20	209.25	Mineralized Section Felsic or Sediment				26862	Field Blank							
			Appears to be sheared/brecciated section of the cherty sediments.											
			No quartz crystals. Irregular bands seem due to shearing. Sericite on		0.91	26863	188.20	189.11	0.91					
			fractures and blebbed locally. Host is aphanitic to very fine, light grey		1.00	26864	189.11	190.11	1.00					
			to rare darker grey, siliceous. Po+/-Cp+/-Sp is mostly concentrated in		1.00	26865	190.11	191.11	1.00					
			healed breccia, fractures and disseminated as normal. Also host		1.00	26866	191.11	192.11	1.00					
			flecked with grey Fe-oxide(?). Grey sericite locally coarser and flaky,			26867	Duplicate of 26866							
			also light green variety locally. Probable chlorite locally		1.00	26868	200.29	201.29	1.00					
			Mafic dikes @ 189.57-189.78 @ 45^{0}TCA; @ 194.43-196.08 with		1.00	26869	206.94	207.94	1.00					
			disseminated Po & most on fractures; 197.41-199.86 with Po on											
			fractures											
			202.05 gets more grenn and white, sericitic past here, more											
			banded. Po+/-Sp 1-3%. Cut by local quartz-epidote-gt veins, quartz-											
			sericite veins. Bedding folded, wavy											
209.25	225.82	Mafic Dikes	Grey, fine, locally bleached, weak magnetic mafic dikes. Few small											
			<1m sections of felsic/volcanic sediment											
			222.14-223.95 light grey, very fine-aphanitic, weakly banded,											
			weak sericite locally. Po+/-Cp+/-Sp disseminated & banded 1-3%.											
			Looks like sheared cherty sediment											
223.95	225.82	Mafic dike												

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Drilling Company	Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
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Exploration Co., owner or optionee	Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
225.52	231.90	Sediments	225.82-226.62 Light grey, Po-bearing, farctured and sheared chert sediment											
			226.62-227.64 green-brown, fine, fairly massive chl-bt siltst. Some layering & shearing from 226.95-227.64 with quartz-feldspar-gt veining.											
			227.64-231.90 more massive sediment, local calcite blebs, minor Po											
			229.60-229.85 Mafic dike											
231.90	270.60	Mafic dikes	231.90-247.57 light mid grey, fine, highly plagioclase porphyritic, weakly magnetic diorite dike, browner near end											
			242.93-244.95 dark grey, fine, aphyric, non magnetic, Py-bearing mafic dike											
			247.57-248.37 light-mid grey, fine, variable & weakly feldspar porphyritic											
			248.37-248.59 quartz-feld-epi-gt vein											
			248.59-250.19 dark grey, fine, non-magnetic, aphyric-weakly plagioclase porphyritic dike											
			250.19-251.00 heavily feldspathic veined dike material of epi-qtz-feld-calc-gt											
			251.00-251.24 grey, fine, weakly plagioclase porphyritic mafic dike											

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
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Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
		Mafic dikes (cont)	251.24-252.07 light grey, bit bleached plagioclase-mafic porphyritic diorite dike											
			252.07-260.51 same as dike from 247.57, cut by various of the other dikes above											
			260.51-261.41 dark grey, non-magnetic, aphyric mafic dike											
			261.41-263.17 Sediment of chl-ser-bt with coarse disseminated & fracture controlled Po+-Cp. Lots epi-calc-qtz veins/pods											
			263.17-265.55 grey, chilled, fine, weak magnetic, plagioclase porphyritic(laths) mafic dike with minor Po											
			265.55-266.40 grey, heavily veined probable sedment. Minor Po.											
			266.40-270.60 chilled dike, weak plagioclase porphyritic, mid-grey calcite veinlets, disseminated Po or Py cubes & with calcite veins to 3mm cubes											
270.6	354.94	Sediments siltstones	270.60-279.51 mixed, mottled grey/green, maroon & whiter more silicified sediment with variable sericite or biotite-rich zones. Po most in silty maroon sediments up to 4-5%. Gets more maroon & biotite-rich downhole											
			279.51-281.12 sedimentary breccia, matrix of quartz-sericite/chlorite. Last 12cm is quartz-feld-chl vein											
			281.12-282.28 fine, grey, calcite amygdaloidal, chilled, mafic dike, magnetic in lower chill											

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
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Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			282.28-297.55 maroon, mottled light green & white from quartz & sericite, siltstone with variable bt-chl, poor banding/bedding. More siliceous than following unit. Silica alteration creates mottling.											
			297.55-300.84 brown/maroon, locally more finely/better laminated siltstone. Minor Po on bedding											
			300.84-304.06 strong fabric, very streaky/mottled fine laminated to more massive chl-bt sediments. Bt layers fade downhole, almost gone below 304.06. Po variable/streaky 1-4%.	S_0, 50° @ 303m										
			303.74 minor shear with wavy fabric											
			304.06-321.04 Chloritic tuffs? Very streaky laminated in upper portions, more massive downhole. Characterized by light green alteration associated with Po-gt-qtz-cal-epi, forming mottling. Trace Cp. Could be sheared altered dike?? Also low angle TCA late qtz-cal veins. Overall Po 1-3%, variable.											
			313.08-314.46 more banded chl & bt layers with 10-20% calcite veining											
			321.04-327.57 transition ~0.5m into brown bt-Po-chl siltstone. Variable qtz-gt-epi blebs with Po-chl. Po 3-5%	S_0, 65° @ 325m										
			326.60-327.05 light green, quartz-calcite altered zone. Lower contact uncertain may be altered zone											

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
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Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			327.57-335.30 back to blotched light-Drk green chloritic rock, possible altered dike or mafic volcanic. In core massive very fine with plagioclase phenocrysts. Few quartz veins and silicified sections. Becomes more mixed grey & green below ~333m. Minor Po. Lower contact uncertain.											
			335.30-354.19 Brown, Po-streaked biotite semipelite/siltstone. Quartz-gt-chl-epi veins 40% between 336.22-337.06. Po variable 1-10%. Locally spotted with white-light green, <1mm squarish crystals, possible a carbonate.											
			341.22-341.76 dark green massive mafic dike											
			337.50-342.74 Mixed grey (chl-ser) & brown (bt) layers											
			342.74-354.19 most bt semipelite, variable Po+/-Py, rarely highly concentrated (349.40-349.50) semi-massive bands of ~30%Po+/-Py-Cp. Variable gt-rich layers & calcite veining		0.70	26870	349.12	349.82	0.70					
			354.19-354.97 Transition zone. Banded brown, beige with lots cal+/-gt+/-Po+/-Cp		0.75	26871	354.19	354.94	0.71					
					1.02	26872	354.94	355.96	1.02					
					1.23	26873	355.96	357.19	1.23					
354.9	367.44	Cherty sediments	Light grey-whiter, aphanitic, aphyric, siliceous cherty sediments. Po-Cp-trace Sp, coarse as fracture filler & mostly banded, probable replacement-style. % sulphide variable up to 30% over 40cm in 26872, but mostly ~10%		0.99	26874	357.19	358.18	0.99					
					1.00	26875	358.18	359.18	1.00					
					1.00	26876	359.18	360.18	1.00					
					1.01	26877	360.18	361.19	1.00					
			26872 - 20%		1.00	26878	361.19	362.19	1.00					
			26873 -12-15%		1.00	26879	362.19	363.19	1.00					

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
Date Started	Date Completed	Date Logged	Logged By:				Location	
Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			26874 - 3-5% in banded grey sericitic siltstone		0.92	26880	363.19	364.11	0.95					
			26875 - 8-10%		1.00	26881	364.57	365.57	1.00					
			26876 - 8-10%		0.88	26882	365.57	366.45	0.88					
			26877 - 3%		1.00	26883	367.37	368.37	1.00					
			26878 - 5-8%		0.69	26884	368.37	369.06	0.69					
			26879 - 5%		1.00	26885	369.06	370.06	1.00					
			26880 - 8%		0.92	26886	370.06	370.98	0.92					
			Po>Cp, mostly in coarser fracture fills & replacement zones, less in		1.00	26887	370.98	371.98	1.00					
			more discrete bands		1.42	26888	371.98	373.40	1.37					
			364.11-364.57 green, fine quartz amygdaloidal, non-magnetic		1.00	26889	373.40	374.40	1.00					
			mafic dike		1.00	26890	374.40	375.40	1.00					
			26881 - Po-Cp-Sp 3-5%, fracture controlled		1.04	26891	375.40	376.44	1.00					
			26882 - 2%		1.00	26892	376.44	377.44	1.00					
			366.45-367.44 mafic dike & broken core of cherty sed and			26893	STD-CDN-FMC-2							
			mafic		1.52	26894	377.44	378.96	1.52					
					1.00	26895	379.82	380.82	1.00					
367.4	396.13	Felsic Volcanic	Light-mid grey, very fine-aphanitic, bit sericitic, becoming more		1.00	26896	380.82	381.82	1.00					
			grainy, sericitic, banded of Po-Cp-Sp-ser (some replacement-style)		1.28	26897	381.82	383.10	1.28					
			from 369.06-371.98		1.20	26898	383.10	384.30	1.00					
						26899	BLANK BL-2							
					0.92	26900	384.30	385.22	1.00					
					1.00	26901	385.22	386.22	1.00					
					1.00	26902	386.22	387.22	1.00					

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Drilling Company		Collar Elevation	Bearing of Hole from True North	Total Metreage	Dip of hole at collar	Location of Hole in Relation to a fixed point on the claim	Mapsheet	Claim #
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Exploration Co., owner or optionee		Date Submitted	Other:				Property Name	

Metreage From	Metreage To	Rock Type	Description	Planar Feature Angle	Core Specimen Metreage (tags)	Sample Number	Sample metreage From	Sample metreage To	Actual Sample Length	Assays Cu (ppm)	Pb (ppm	Zn (ppm)	Au (g/t)	Ag (g/t)
			371.98-374.58 more massive, rare band, sericite blebs, possible feldspar crystals, some quartz vein & fracture hosted minor Po-Gn-Sp from 373.40-383m. Sp also in bands, fracture controlled with ser-Po-Cp?-Gn. Bedding warped/wavy. Light green sericite & grey chlorite(?) variable banded		0.74	26903	387.22	387.96	0.81					
					0.54	26904	387.96	388.50	0.54					
					1.00	26905	388.50	389.50	1.00					
					1.00	26906	389.50	390.50	1.00					
					1.10	26907	390.50	391.60	1.00					
			374.58-376.44 more sericitic bands (chaotic), quartz vein+Gn.		1.00	26908	391.60	392.60	1.00					
			378.96-379.82 mafic dike		1.27	26909	392.60	393.87	1.27					
			383.12-383.28 mafic dike			26910	Duplicate of 26909							
			387.96-388.50 more sediment-like-creamy bands(albite?). Beds offset by high angle TCA fractures	S_0, 0-15° folded & wavy	0.83	26911	393.87	394.70	0.80					
					1.43	26912	394.70	396.13	1.41					
			391.55-392.33 Heavy quartz vein section. Some better sulphide nearer sed layer											
			393.25-393.32 sed-like layer - Po-Cp?	S_0, 25°										
			393.40-394.70 dark grey very fine green-sericite, brown bt probable sediment. Coarse fracture controlled Po-Cp, Po-gt-cal band. Green ser zones look lke alteration of greyer rock											
396.1	398.37	Mafic Dike	Mid-grey, fine-medium, mod-magnetic, plagioclase porphyritic(2-4mm, 15%+) mafic dike. Sharp contact.											
			EOH											