

HOLE # : **CAS-002**

# WESTERN COPPER CORPORATION

## CASINO PROJECT

### DIAMOND DRILL LOG

HOLE # : **CAS-002**

UTM Coordinates NAD 83, Zone 7

Collar Survey Type: **Garmin Hand held GPS**Northing : **6958600**Easting : **611108**Elevation (m) : **1286 m**Zone  
Legend

CAP

SOX

SUS

HYP

Hole Length : **648.00 m**Azimuth (true) : **0**Dip : **-90**

NTS : 115J/10

Overburden : **4.00 m**

Contractor : Kluane Drilling Ltd

Logged By : **Stephane Ruest**Date Hole Started : **October 13, 2008**Date Hole Completed : **November 1, 2008**Core Size: **HTW to 175 m, NTW to bottom** ----- Sample Data -----

Depth (m)	R.Q.D. weak strong	Zone	Pyrith 0% 10%	From (m)	To (m)	DESCRIPTION	From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
0						0.00, 4.20 CASE								
4.20						4.20, 18.00 MBNW: Micro-breccia unit. Coarse clasts are smaller on average, and less numerous. Unit show signs of low level supergene oxide enrichment, mainly of hematite in micro-veins. Micro-veins of quartz cut through the unit, seemingly filled with hematite as an alteration of pyrite in the center of the veins.	4.20	6.30	2.10	G0725001	0.042	0.030	0.676	2.6
6.30							6.30	9.35	3.05	G0725002	0.063	0.023	1.06	3.6
9.35							9.35	10.65	1.30	G0725003	0.193	0.034	0.584	3.3
10.65							10.65	12.19	1.54	G0725004	0.077	0.026	0.748	2.7
12.19							12.19	15.24	3.05	G0725005	0.101	0.036	0.912	2.5
15.24							15.24	18.00	2.76	G0725006	0.139	0.030	0.512	2.1
18.00						18.00, 192.32 MBNX: Micro-breccia unit. Oxydation shows chalcantite growth within fractures along with minor malachite. Minor mafic minerals (possibly hornblende: dull black to dark grey, angular, fine grained) present in this unit. Overall coloration is yellowish-grey. Rather well preserved, with some limonite occuring mainly along fractures, plagioclase altered to clay but stiull retaining crystal form. Minor mineralisation in interstitial molybdenite, chalcocite, pyrite and chalcopyrite.	18.00	19.81	1.81	G0725007	0.174	0.021	0.497	2.1
19.81							19.81	22.86	3.05	G0725008	0.323	0.026	0.507	2.1
22.86							22.86	24.85	1.99	G0725009	0.300	0.035	0.495	1.6
24.85							24.85	27.43	2.58	G0725010	0.111	0.030	0.758	2.9

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
30								30.05, 35.80 Oxydised, intermediate brown-grey in colour, disseminated chalcocite on pyrite and chalcopyrite with chalcopyrite being very rare. Molybdenite occurs as very rare disseminated grains. Some qz veins with pyrite.	27.43	30.05	2.62	G0725011	0.112	0.036	0.547	2.5
									30.05	32.00	1.95	G0725012	0.146	0.046	0.688	1.9
									32.00	35.05	3.05	G0725013	0.418	0.027	0.481	1.7
35									35.05	35.80	0.75	G0725014	0.621	0.024	0.395	1.4
								35.80, 48.77 alteration is more intense. Limonite on fractures. Numerous quartz veins with hematite/limonite.	35.80	38.10	2.30	G0725015	0.321	0.038	0.382	2.6
									38.10	40.84	2.74	G0725016	0.219	0.042	0.493	1.9
									40.84	43.89	3.05	G0725017	0.109	0.062	0.459	1.9
									43.89	45.72	1.83	G0725018	0.367	0.061	0.717	2.4
45								48.77, 54.74 more uniformly brown, weak magnetism, weak mineralisation, limited to the occasional millimetre-sized interstitial pyrite, rare chalcopyrite surrounded by chalcocite halo.	45.72	48.77	3.05	G0725019	0.092	0.047	0.363	1.9
									48.77	51.82	3.05	G0725021	0.529	0.030	0.394	1.4
									51.82	54.74	2.92	G0725022	0.441	0.026	0.486	1.2
50									54.74	56.39	1.65	G0725023	0.077	0.045	0.347	1.5
								54.74, 60.54 No sulfides evident, yellowish-green colouration, fractured, stronger limonite coating.	56.39	59.44	3.05	G0725024	0.080	0.039	0.215	1.7
									59.44	60.54	1.10	G0725025	0.076	0.029	0.296	1.8
									60.54	62.48	1.94	G0725026	0.055	0.035	0.383	3.8
60																

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data						
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)
65  															

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
135			Pyritic zone					135.19, 138.97 medium greenish grey in colour numerous quartz vein with silicified and sericitised margins. Original matrix and texture mildly destroyed, giving a ghostly appearance to clasts.	135.39	137.16	1.77	G0725058	0.129	0.029	0.094	<0.5
								138.97, 174.26 native copper at 170.10 m in highly limonitized vein, with chalcocite, pyrite and covelite.	137.16	138.98	1.82	G0725059	0.167	0.023	0.135	<0.5
140									138.98	141.73	2.75	G0725061	0.296	0.051	0.23	0.5
									141.73	144.78	3.05	G0725062	0.247	0.048	0.245	0.6
145									144.78	147.83	3.05	G0725063	0.358	0.033	0.257	0.7
									147.83	150.88	3.05	G0725064	0.489	0.032	0.437	1.2
150									150.88	153.92	3.04	G0725065	0.261	0.026	0.236	0.5
									153.92	156.97	3.05	G0725066	0.260	0.021	0.182	<0.5
155									156.97	160.02	3.05	G0725067	0.303	0.033	0.114	0.8
									160.02	163.07	3.05	G0725068	0.287	0.026	0.187	0.6
160			Pyritic zone					163.07	166.12	3.05	G0725069	0.501	0.049	0.422	0.7	
								166.12	169.16	3.04	G0725070	0.469	0.042	0.409	<0.5	
165																
170																

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
170			LTXH					174.26, 187.54 similar to Unit 111.25-135.19. clay alterd plagioclase, limonitic, vuggy Qz-veins at 177.10, 179.34, 180.50 and 180.63 m. Abundant pyrite with chalcopyrite as disseminated grains in the matrix, many quartz-microveins.	169.16	172.21	3.05	G0725071	0.187	0.027	0.222	<0.5
									172.21	174.26	2.05	G0725072	0.183	0.027	0.222	<0.5
175									174.26	176.78	2.52	G0725073	0.247	0.017	0.247	<0.5
									176.78	179.83	3.05	G0725074	0.302	0.030	0.337	<0.5
180									179.83	181.36	1.53	G0725075	0.285	0.019	0.337	0.7
			MBNX					192.32, 195.73 LTXH: Latite brecciated dyke. Dark grey aphanitic matrix with mainly coarse grained quartz, k-spar, plagioclase fragments, minor biotite and granitic fragments. K-spar angular and well preserved (orange colour) whereas Plagioclase has green clay alteration. Disseminated fine grained chalcopyrite in matrix, minor pyrite, rare native copper.	181.36	183.18	1.82	G0725076	0.334	0.027	0.182	0.6
185									183.18	185.62	2.44	G0725077	0.424	0.030	0.417	1.3
									185.62	187.54	1.92	G0725078	0.251	0.030	0.201	1.4
190									187.54	190.50	2.96	G0725079	0.312	0.041	0.563	1.2
									190.50	192.32	1.82	G0725081	0.253	0.035	0.383	0.8
195			MBNX					195.73, 255.06 MBNX: Micro-breccia, hyporgene sulfide zone. Siilar to unit from 187.54-192.32, but more well preserved, large fragments of mafic-rich rock, as well as very altered granodiorite. Upper contact with latite is a chilled zone with intense silicification up to 196.01. Small zone of Qz-veining, cross-cutting, associated with alteration envelopes (silicification and sericite), showing Py and CPY in their center (205,13 to 205.19, 80 and 70 >TCA).	192.32	194.02	1.70	G0725082	0.246	0.044	0.216	0.9
									194.02	195.73	1.71	G0725083	0.197	0.020	0.273	<0.5
200									195.73	194.03	-1.70	G0725084	0.183	0.033	0.225	1.1
									194.03	202.08	8.05	G0725085	0.223	0.027	0.244	1.6
205									202.08	205.13	3.05	G0725086	0.147	0.043	0.141	1.1
							205.13	207.54	2.41	G0725087	0.200	0.038	0.232	1.3		

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data								
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)	
245									240.74	243.84	3.10	G0725104	0.076	0.029	0.055	1	
										243.84	246.28	2.44	G0725105	0.129	0.032	0.07	4.2
										246.28	248.11	1.83	G0725106	0.171	0.032	0.106	27.5
250										248.11	249.94	1.83	G0725107	0.132	0.022	0.223	1
										249.94	252.98	3.04	G0725108	0.165	0.051	0.21	1.6
										252.98	255.07	2.09	G0725109	0.196	0.041	0.259	1.7
255									255.06, 264.72 MBFH: Micro-breccia unit. Dark coloured matrix altered to Qz and Kspar. Sizeable clasts of granitic material. Biotite clasts (5mm on average subhedral xtals) surrounded by Qz envelope floating in Matrix. Plagioclase clasts strongly altered tp friable white clay.	255.07	256.03	0.96	G0725110	0.214	0.019	0.281	1.5
										256.03	259.08	3.05	G0725111	0.327	0.039	0.973	2.3
260										259.08	262.13	3.05	G0725112	0.283	0.022	0.507	1.6
										262.13	264.70	2.57	G0725113	0.281	0.017	0.334	1.5
265									264.72, 267.09 MBNX: Micro-breccia unit, similar to unit 235.52-255.02. Mineralization is quite weaker and alteration somewhat more intense (sericite and clay on k-spar).	264.70	267.14	2.44	G0725114	0.234	0.054	0.25	1.4
										267.14	269.75	2.61	G0725115	0.247	0.033	0.388	1.5
270									267.09, 385.91 MBCH: Micro-breccia unit. Quite a few large clasts of granodiorite and quartz monzonite up to 360 mm. Clasts are light orange-brown, matrix is dark grey and not as silicified as previously. Weakly mineralised strong. Alteration of large clasts is very strong.	269.75	271.90	2.15	G0725116	0.467	0.038	0.547	4.7
										271.90	273.77	1.87	G0725117	0.310	0.024	0.371	2.5
										273.77	275.84	2.07	G0725118	0.249	0.055	0.315	1.8
275									275.00, 284.12 similar to above, with strong clay alteration of granitic clasts. Matrix is frequently kspar altered. At times, the clay alteration on clasts (granodiorite and monzonite) is very intense. One Qz-vein shows strong mineralisation in py and mo	275.84	278.89	3.05	G0725119	0.281	0.060	0.387	2



Geological log and data table for core G0725121-134. The log shows depth from 280 to 310 meters with various lithological units and a detailed description of clay alteration. The table provides numerical data for each interval.

Interval (m)	Interval (m)	Interval (m)	Interval (m)	Interval (m)	Interval (m)	Interval (m)	Interval (m)
278.89	281.94	3.05	G0725121	0.369	0.030	0.434	2.7
281.94	284.10	2.16	G0725122	0.444	0.084	0.842	2.7
284.10	285.62	1.52	G0725123	0.528	0.029	0.627	3.3
285.62	288.04	2.42	G0725124	0.434	0.063	0.744	5.2
288.04	291.08	3.04	G0725125	0.316	0.020	0.334	4.6
291.08	292.58	1.50	G0725126	0.359	0.018	0.458	1.9
292.58	294.13	1.55	G0725127	0.237	0.084	0.219	1.9
294.13	297.18	3.05	G0725128	0.303	0.031	0.476	2
297.18	300.23	3.05	G0725129	0.270	0.034	0.383	2.2
300.23	303.28	3.05	G0725130	0.319	0.036	0.473	2.6
303.28	306.32	3.04	G0725131	0.353	0.035	0.568	2.3
306.32	309.37	3.05	G0725132	0.348	0.054	0.338	3
309.37	312.42	3.05	G0725133	0.306	0.043	0.305	3.7
312.42	314.45	2.03	G0725134	0.168	0.059	0.208	1.1

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Depth (m)	R.Q.D.		Pyrite	From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong					Zone	0%	10%	From (m)	To (m)	Width (m)	Sample	Cu %
315						316.32, 332.40 similar to unit 267.09-271.90. Fragments tend to be more angular and not very rounded. Matrix dominant, dark grey to black in colour. Light alteration of ksparg (green and pink clay) with occasional destructive strong sericitisation. Mineralisation more evident in matrix, along with silicification.								
							314.45	316.34	1.89	G0725135	0.258	0.031	0.502	1.8
							316.34	318.52	2.18	G0725136	0.450	0.046	0.628	2.6
320							318.52	321.51	2.99	G0725137	0.277	0.045	0.377	1.8
							321.51	324.61	3.10	G0725138	0.421	0.029	0.551	2.2
325							324.61	327.66	3.05	G0725139	0.451	0.037	0.701	2.3
							327.66	330.71	3.05	G0725141	0.241	0.032	0.284	1.3
330							330.71	332.40	1.69	G0725142	0.279	0.053	0.389	1.8
							332.40	333.76	1.36	G0725143	0.193	0.079	0.294	1.2
335							333.76	336.85	3.09	G0725144	0.230	0.121	0.436	1.8
						332.40, 347.26 similar to above, except for the matrix showing more k-spar and silica alteration. Unit is still matrix dominant, but with diminishing size of clasts. Mineralisation associated with veinning.	336.85	339.85	3.00	G0725145	0.188	0.078	0.288	1.1
340							339.85	342.90	3.05	G0725146	0.198	0.052	0.234	1.3
							342.90	345.95	3.05	G0725147	0.185	0.073	0.247	1.2
345							345.95	347.26	1.31	G0725148	0.292	0.053	0.385	1.7
						347.26, 355.51 similar to above, with alteration of k-spar to green clay and higher biotite content. Sericitisation is less. Increase in disseminated py, cpy and mo.								

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
350																
355																
360																
365																
370																
375																
380																
385																

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
385								385.91, 387.23 LTDD: Patton porphyry. Weakly altered plagioclase porphyrocrysts in an dark green aphanitic groundmass. Plagioclase are angular and slightly clay altered (greenish tinge) up to a size of 10 mm. Some rare biotite phenocrysts, to 1.5 mm. Abundant disseminated pyrite, no chalcopyrite. Pyrite associated with small quartz and calcite veins. Lower contact of uniot is sharp at 40 >TCA.	385.57	385.91	0.34	G0725162	0.089	0.027	0.103	0.7
									385.91	387.23	1.32	G0725163	0.125	0.002	0.083	<0.5
									387.23	388.62	1.39	G0725164	0.040	0.070	0.07	0.5
390									388.62	391.67	3.05	G0725165	0.154	0.093	0.144	0.8
									391.67	394.72	3.05	G0725166	0.183	0.051	0.181	1
395									394.72	397.76	3.04	G0725167	0.131	0.034	0.172	0.8
									397.76	400.81	3.05	G0725168	0.179	0.031	0.185	1.4
400									400.81	403.86	3.05	G0725169	0.142	0.080	0.135	0.8
									403.86	406.91	3.05	G0725170	0.112	0.043	0.19	0.9
405									406.91	409.96	3.05	G0725171	0.137	0.046	0.132	0.9
									409.96	413.00	3.04	G0725172	0.118	0.048	0.095	1
410									413.00	416.05	3.05	G0725173	0.202	0.040	0.256	1.2
									416.05	419.10	3.05	G0725174	0.196	0.062	0.197	1.4
415									419.10	422.15	3.05	G0725175	0.178	0.055	0.208	1.1
420																

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Depth (m)	R.Q.D.		Pyrite	From (m)	To (m)	DESCRIPTION	Sample Data						
	weak	strong					Zone	0%	10%	From (m)	To (m)	Width (m)	Sample

425														
430														
435														
440														
445														
450														
455														

422.15	425.20	3.05	G0725176	0.165	0.052	0.262	1.3							
425.20	428.24	3.04	G0725177	0.146	0.051	0.246	0.8							
428.24	431.29	3.05	G0725178	0.140	0.051	0.231	0.7							
431.29	434.34	3.05	G0725179	0.175	0.043	0.306	1.2							
434.34	437.39	3.05	G0725180	0.165	0.034	0.148	0.9							
437.39	440.44	3.05	G0725181	0.275	0.062	0.34	1.2							
440.44	443.48	3.04	G0725182	0.228	0.069	0.284	1.2							
443.48	446.53	3.05	G0725183	0.271	0.047	0.296	1.3							
446.53	449.58	3.05	G0725184	0.331	0.046	0.344	1.5							
449.58	452.63	3.05	G0725185	0.447	0.128	0.555	2							
452.63	454.15	1.52	G0725186	0.402	0.026	0.451	3.5							
454.15	457.20	3.05	G0725187	0.265	0.021	0.136	2.3							

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	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)

460									457.20	460.25	3.05	G0725188	0.281	0.029	0.176	1.1
									460.25	463.30	3.05	G0725189	0.293	0.021	0.217	1.6
465									463.30	466.34	3.04	G0725190	0.352	0.021	0.335	2.6
									466.34	469.39	3.05	G0725191	0.166	0.035	0.187	1.1
470									469.39	472.44	3.05	G0725192	0.179	0.029	0.205	1
									472.44	475.49	3.05	G0725193	0.172	0.046	0.15	1.3
475									475.49	478.54	3.05	G0725194	0.195	0.045	0.129	1
									478.54	481.58	3.04	G0725195	0.304	0.019	0.304	1.4
480									481.58	484.63	3.05	G0725196	0.228	0.021	0.221	2
									484.63	487.68	3.05	G0725197	0.185	0.014	0.204	0.7
485									487.68	490.73	3.05	G0725198	0.207	0.033	0.219	1.2
									490.73	493.78	3.05	G0725199	0.215	0.049	0.311	1.1

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
495								494.71, 500.60 LTDD: Porphyritic intrusion. Dark green to dark grey aphanitic with 25% phenocrysts, mainly lightly altered (white to green clay) plagioclase and some minor amphibole (short, black angular, 5mm on average). 3% Py, mainly disseminated in groundmass and with minor veining. Cpy to be found as disseminated grns, but at a much lower content. Micro-breccia frgmants found (similar as above unit) at 495.48-.98, possible xeno/frag. Lower contact with micro-breccia determined by QZ vein (50 >TCA, 4 mm).	493.78	494.71	0.93	G0725201	0.204	0.040	0.116	0.8
									494.71	497.76	3.05	G0725202	0.356	0.016	0.268	2
500									497.76	500.60	2.84	G0725203	0.324	0.015	0.398	1.5
									500.60	501.40	0.80	G0725204	0.349	0.032	0.303	1.5
								501.40	504.44	3.04	G0725205	0.309	0.035	0.293	1.9	
505								500.60, 521.10 MBCH: Similar to 347.26-355.51 m. Medium grey., friable clay rich zone: at 500.62-88; 506.06-56; 507.46; 508.20. Cpy mineralisation dominated by disseminated grains, some minor veinings. Mo is closely associated with qz veining. Lower contact is irregular, defined by a stockwork of QZ-Ca and Gy veins (521.10-33), rich in Mo.	504.44	507.49	3.05	G0725206	0.362	0.025	0.253	1.4
									507.49	510.54	3.05	G0725207	0.416	0.041	0.778	1.8
510									510.54	513.28	2.74	G0725208	0.211	0.036	0.173	1.2
									513.28	515.11	1.83	G0725209	0.267	0.039	0.27	1.6
515								515.11	518.16	3.05	G0725210	0.219	0.071	0.143	1.3	
								518.16	521.10	2.94	G0725211	0.200	0.043	0.199	1	
520								521.10, 524.85 LTDD: Similar to 494.71-500.60 m. Top of interval is dark grey, getting progressively lighter. Phenocrysts account for 25%, with Qz, plag and Px (short squat and small in size, dull black). Strongly magnetic form top to 521.93 m. Minor disseminated Py, and very rare cpy. Sharp lower contact with Micro-Breccia at 80 >TCA.	521.10	522.90	1.80	G0725212	0.274	0.058	0.346	1.3
									522.90	524.85	1.95	G0725213	0.309	0.036	0.352	1.9
525									524.85	526.80	1.95	G0725214	0.160	0.036	0.291	0.6
									526.80	528.83	2.03	G0725215	0.180	0.006	0.182	0.8
								524.85, 526.80 MBCH: Similar to 347.26-355.51 m. Medium gray in colour. Lower contacr with dyke is sharp (20>TCA), no chill zones.								

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
530								526.80, 542.60 LTDD: Similar to 494.71-500.60 m. Dark grey, except for 528.72-532.70 m which is very light green (leaching?), 534.56-94 (more granular and light tan in apperance, sharp upper (80>tca) and lower (80>TCA) contact defined by Qz-vein, 536.11-73 (upper contact at 60>TCA, defined by QZ-PY vein, gradually becoimng darker). # zones with strong magnetism: 526.90-527.09, 533.13-534.18, 535.04-536.07, 536.66-541.46 (all in a relatively unaltered zone, dark grey to black). Lower contact is sharp but irregular.	528.83	531.88	3.05	G0725216	0.137	0.048	0.193	<0.5
535									531.88	534.92	3.04	G0725217	0.078	0.010	0.114	<0.5
									534.92	537.97	3.05	G0725218	0.129	0.010	0.237	<0.5
540									537.97	541.02	3.05	G0725219	0.061	0.009	0.092	<0.5
									541.02	542.60	1.58	G0725220	0.138	0.016	0.199	<0.5
545								542.60, 551.69 MBCH: Similar to 347.26-355.51 m. Abundant py stockwork veining zone at 543.45-543.64 m.Lower contact undetermined.	542.60	544.07	1.47	G0725221	0.073	0.050	0.08	<0.5
									544.07	547.12	3.05	G0725222	0.225	0.063	0.307	0.5
									547.12	550.16	3.04	G0725223	0.180	0.038	0.317	<0.5
550									550.16	551.69	1.53	G0725224	0.157	0.042	0.187	<0.5
									551.69	554.74	3.05	G0725225	0.166	0.007	0.21	0.6
555								551.69, 571.14 LTDD: Similar to 494.71-500.60 m. Overall dark grey, except for "leached" light green zone at 553.05-559.50 m. Lower contact is QZ vein, 2mm, 40>TCA). The interval is characterized by the intense seritization of plag phenocrysts at 567.74-568.26 m. Magnetic zones (magnetite in matrix) at: 562.06-564.64 m and 566.63-567.74 m. Py in veins, minor disseminated cpy and minor mo in veins.	554.74	557.78	3.04	G0725226	0.126	0.024	0.184	<0.5
									557.78	559.31	1.53	G0725227	0.102	0.005	0.117	0.5
									559.31	560.83	1.52	G0725228	0.108	0.011	0.132	0.5
560									560.83	563.88	3.05	G0725229	0.133	0.007	0.137	<0.5



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DIAMOND DRILL LOG

Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
565									563.88	566.93	3.05	G0725230	0.104	0.033	0.173	0.6
570								571.14, 575.88 MBCH: Similar to 347.26-355.51 m. Alteration intensity higher, plagioclase is more sericitised (yellow ocre alteration), with decreasing alteration intensity and grain size from 574.30 to the end of the unit. Pyrite grains show rusty-copperish colouration.	566.93	569.98	3.05	G0725231	0.167	0.033	0.193	0.9
575								575.88, 584.12 MBCH: Similar to 347.26-355.51 m. Light green in colour, with very weak mineralisation, mainly associated with veining. Lower contact with a dyke: sharp but irregular (wavy).	569.98	571.14	1.16	G0725232	0.109	0.021	0.122	0.6
580								584.12, 584.80 PPDP: Porphyritic intrusion. Grey-green aphanitic groudmass. Mafic phenocrysts, angular and dark (amphiboles?). Disseminated py with minor py in veins. No mo or cpy. Lower contact defined by quartz vein (584.49-584.80m), cross-cut by Ca veinlets.The vein contains clasts of the underlying unit and is at 25>TCA.	571.14	574.55	3.41	G0725233	0.315	0.062	0.521	1.2
585								584.80, 596.62 MBCH: Similar to 347.26-355.51 m. Light grey, with hints of tan and green. Contains sizeable chunk of Patton Porphyry at 590.57-591.41 m. Mineralisation is weak, mainly in Qz and QZ-Ca veins. Lower Contact with PP defined by Qz vein (2 mm, 70.TCA).	574.55	575.88	1.33	G0725234	0.307	0.067	0.392	1.7
590								596.62, 615.34 PPDP: Patton porphyry. Grey-green aphanitic groundmass. Slightly altered, except for zones of more intense sericite alteration on Kspar, from 596.62-600.09 m, 602.35-604.96 m and 608.15-611.90 m. Large Kspar phenocrysts (subhedral, orange to green clay	575.88	577.60	1.72	G0725235	0.196	0.036	0.208	1.1
595									577.60	580.64	3.04	G0725236	0.219	0.069	0.193	1.7
600									580.64	583.69	3.05	G0725237	0.315	0.030	0.292	2.8
									583.69	586.74	3.05	G0725238	0.216	0.033	0.194	1.5
									586.74	589.79	3.05	G0725239	0.301	0.070	0.349	1.4
									589.79	592.84	3.05	G0725240	0.402	0.053	0.57	2
									592.84	595.88	3.04	G0725241	0.178	0.101	0.242	0.8
									595.88	598.93	3.05	G0725242	0.210	0.094	0.198	1.2

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Depth (m)	R.Q.D.		Zone	Pyrite		From (m)	To (m)	DESCRIPTION	Sample Data							
	weak	strong		0%	10%				From (m)	To (m)	Width (m)	Sample	Cu %	Mo %	Au (g/t)	Ag (g/t)
600			Green zone with small white squares					alteration), sub-rounded quartz phenocrysts (clasts), and occasional plag phenocrysts. Phenocrysts tend to gradually become larger with depth. Very fine euhedral deep black amphibole and biotite, to 5% with Amph being 3 times as abundant than biotite). Py in qz and qz-ca veins and disseminated, very minor disseminated Cpy and higher minor mo in veins, and disseminations). Sharp and irregular lower contact with dyke.	598.93	601.98	3.05	G0725243	0.182	0.038	0.163	1.2
									601.98	605.03	3.05	G0725244	0.130	0.109	0.133	0.9
605									605.03	608.08	3.05	G0725245	0.143	0.101	0.228	1.1
									608.08	611.12	3.04	G0725246	0.150	0.093	0.242	1.1
610									611.12	614.17	3.05	G0725247	0.120	0.080	0.135	0.9
			Blue zone with small red dots					615.34, 626.00 LTDD: Porphyry intrusive dyke. Dark grey-green aphanitic groundmass, strongly sericitised inparts (619.30-620.09; 622.08-624.37). Altered intervals have a matrix dominated sequence (aphanitic, light olive green, impoverished in mafic minerals) at 619.65-87, 622.37-96, 622.32-67. Phenocrysts ar QZ (rounded) PLAG (sub-euhedral, lightly altered) and Amphiboles and biotites. Strong magnetic intervals at 616.02-618.40, 619.11-27, 624.52-95 and 625.30-626.01. Minor disseminated py and some veining, strong Mo in the altered zones (in veins). Lower contact with Patton Porphyry is sharp and irregular.	614.17	615.34	1.17	G0725248	0.125	0.041	0.13	0.9
615									615.34	618.13	2.79	G0725249	0.079	0.025	0.104	0.5
									618.13	620.27	2.14	G0725251	0.103	0.061	0.143	0.5
620									620.27	623.32	3.05	G0725252	0.117	0.068	0.133	<0.5
									623.32	626.00	2.68	G0725253	0.138	0.037	0.194	0.7
625			Green zone with small white squares					626.00, 648.00 PPDP: Similar to 596.62-615.34 m. Phenocryst size increases gradually with depth. Mafic minerals are fine grained amphiboles and biotite, with a few paler (leaching?) zones devoid of mafics: 626.00-628.18, 632.89-634.19, 636.45-637.45 and 644.37 to the end of the hole. Mineralisation is weaker, confined to mo in wall of QZ-veins.	626.00	627.89	1.89	G0725254	0.097	0.079	0.13	0.6
									627.89	630.94	3.05	G0725255	0.094	0.076	0.122	0.7
630									630.94	633.98	3.04	G0725256	0.183	0.059	0.297	0.8
									633.98	637.03	3.05	G0725257	0.149	0.065	0.165	0.8
635																

Depth (m)

R.Q.D.

weak

strong

Zone

Pyrite

0%

10%

From (m)

To (m)

DESCRIPTION