

**ASX
Announcement**

23 October 2014

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Phone (02) 9472 3500
Fax (02) 9482 8488****Copper Hill Drilling Update – GCHD472, GCHD473 & GCHD474**

- **GCHD472**, on section 5400N and completed at 486 metres, contains many well-mineralised intervals within a broad zone of **426 metres grading 0.39% copper and 0.39g/t gold**.
- The 426 metre mineralised zone is defined by a 0.2% copper cut-off grade
- **GCHD473**, to test extensions to the high-grade hole GCHR107 on section 5450N, has been completed at 507 metres having drilled well mineralised ‘Crowded’ Tonalite Porphyry containing chalcopyrite in extensive quartz-magnetite ‘M-veins’, quartz-chalcopyrite ‘B-veins’ and sheeted quartz veins. Assays are awaited.
- Drilling **GCHD474**, on section 5300N, commenced on Monday, 20th October.

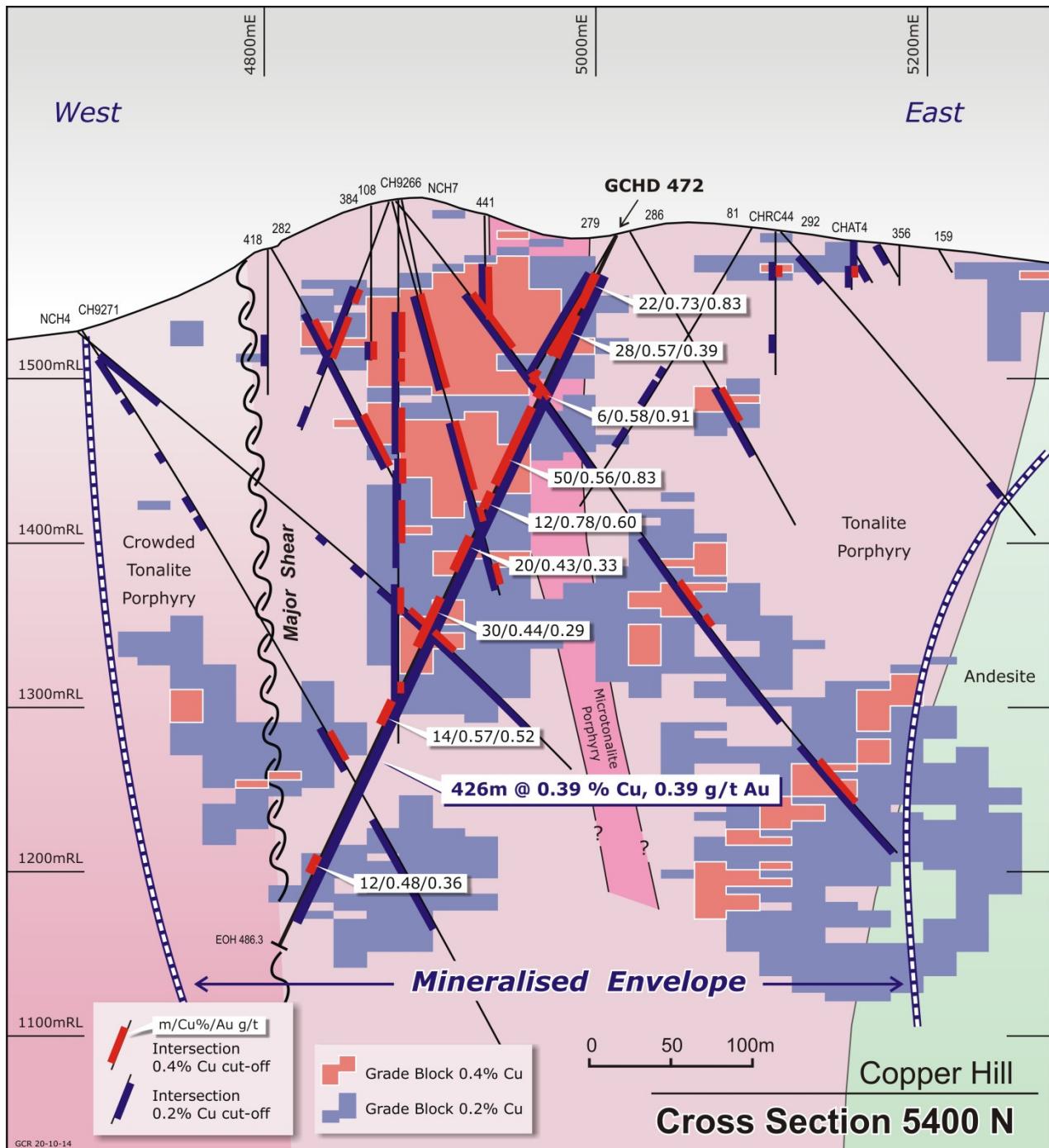
GCHD472 returned high copper and gold grades in the central section of Copper Hill down-dip from previous high grade core and reverse circulation drilling results.

PQ and HQ core sample assays have been returned from the ALS laboratory in Orange. Substantial, higher grade intervals, using a 0.4% copper cut-off grade, are set out below. All results are tabulated in full at the end of this report:

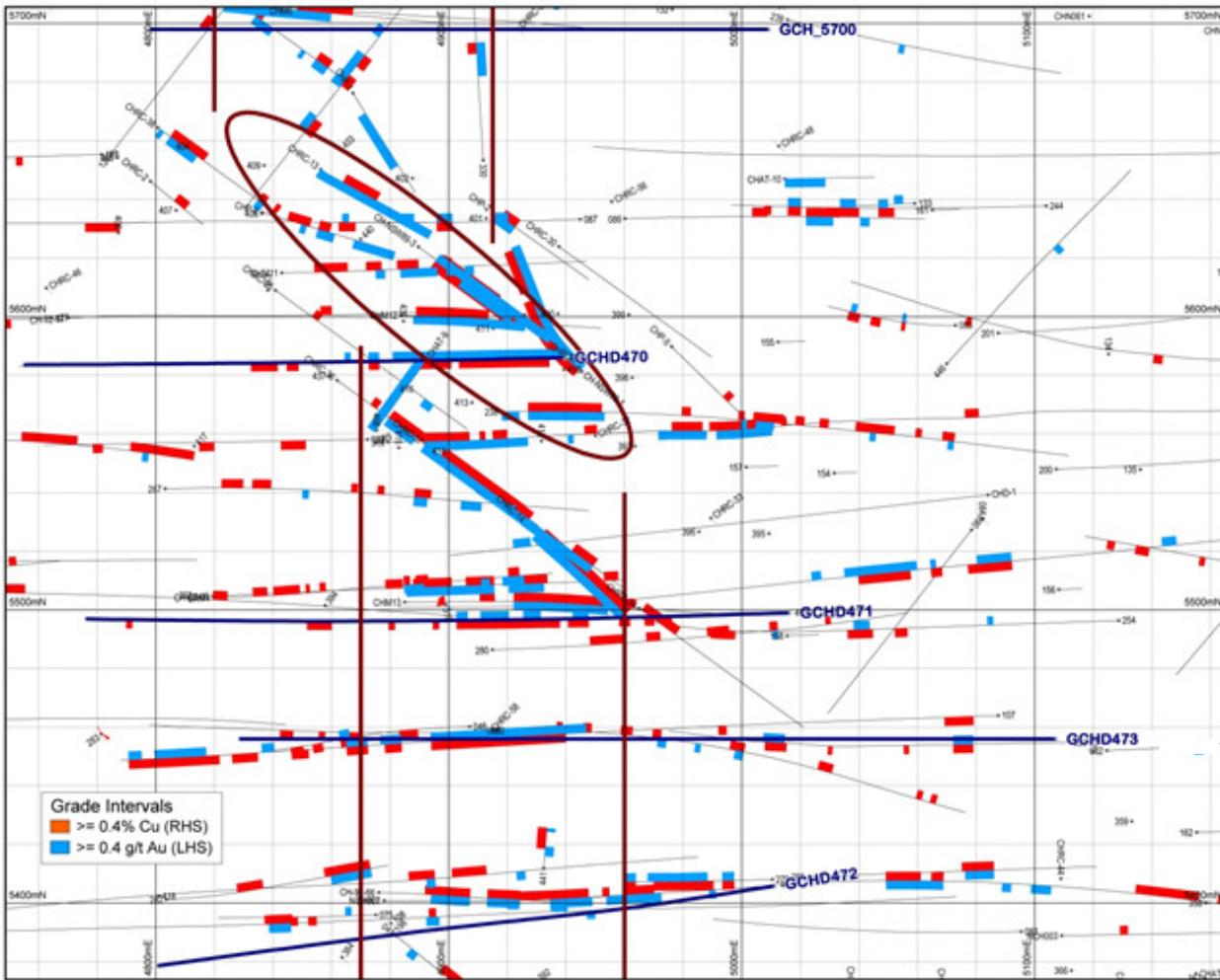
From (m)	To (m)	Interval (m)	Copper %	Gold g/t (ppm)
32	54	22	0.73	0.83
60	88	28	0.57	0.39
110	116	6	0.58	0.91
122	172	50	0.56	0.83
178	190	12	0.78	0.60
210	230	20	0.43	0.33
250	280	30	0.44	0.29
326	340	14	0.57	0.52
426	436	12	0.48	0.36

The porphyry copper-style mineralisation occurs within micro-tonalite and ‘crowded’ tonalite porphyry as laminated quartz-magnetite vein stockworks with chalcopyrite, pyrite and gold.

The central zone from 30 to 308 metres includes, using a 0.2% copper cut-off grade, a higher grade zone of 56 metres grading 0.62% copper and 0.53 g/t gold from 32 metres downhole, and 78 metres grading 0.54% copper and 0.74 g/t gold from 110 metres downhole.



Section 5400N (looking north) showing hole GCHD472 with previous holes showing intersections at 0.4% copper grade cut-off in red. Resource blocks, generated from assay data from section and adjacent sections are shown in pale red (+0.4% copper grade) and blue (+0.2% - 0.4% copper grade)



Plan showing locations/traces of GCHD470, 471, 472 and 473.
Red lines define two of the dominant Copper Hill lode envelope structural directions and an interpreted NW trending dilatant zone hosting higher grade mineralisation

The current program has been designed to test mineralised zones defined by historic drill-holes and to refine the Copper Hill geology model. The updated geology model will provide more precisely defined constraints for the next mineral resource estimation and ensure compliance with the JORC Code, 2012 Edition.

The program and budget will be reviewed on completion of the current drilling, prior to planning the next phase of drilling and resource estimation to further extend Copper Hill resources.

GCHD472 Assay Results
showing sample weights, QA/QC samples, and intercepts using a range of Cu cut-off grades

GCHD 472 ANALYTICAL RESULTS: October 2014								Comments	Au-AA26	ME-MS61	Cu% Cutoff			INTERCEPT		ME-MS61	
Hole ID	From (m)	To (m)	Lgth	Sample ID	Wt (kg)	Bit Size	Sample type	QA QC	Au ppm	Cu ppm	0.2 % 8m	0.3 % 4m	0.4 % 4m	Cu%	Au g/t	Ag ppm	Mo ppm
GCHD472	0	1	1	A34203	3.6	PQ	HCORE	U	Rubble	0.05	322					0.1	38
GCHD472	1	2	1	A34204	5	PQ	HCORE	U	Rubble	0.12	397					0.1	26
GCHD472	2	3	1	A34205	4.6	PQ	HCORE	U	Rubble	0.05	562					0.1	94
GCHD472	3	4	1	A34206	4.7	PQ	HCORE	U	Cut Core-Rubble	0.03	543					0.0	62
GCHD472	4	5	1	A34207	5.7	PQ	HCORE	U	Cut Core-Rubble	0.04	622					0.0	55
GCHD472	5	6	1	A34208	5.3	PQ	HCORE	U	Cut Core-Rubble	0.03	984					0.0	68
GCHD472	6	7	1	A34209	6	PQ	HCORE	U	Cut Core-Rubble	0.07	858					0.1	44
GCHD472	7	8	1	A34210	5.6	PQ	HCORE	U	Cut Core-Rubble	0.04	850					0.0	31
GCHD472	8	9	1	A34211	5.7	PQ	HCORE	U	Cut Core-Rubble	0.06	984					0.1	47
GCHD472	9	10	1	A34212	6.2	PQ	HCORE	U	Cut Core-Rubble	0.05	1200					0.1	43
GCHD472				A34213		PULP	STD		CHLG 01	0.06	413					0.1	11
GCHD472	10	11	1	A34214	5.8	PQ	HCORE	U	Cut Core	0.02	1465					0.0	23
GCHD472	11	12	1	A34215	5	PQ	HCORE	U	Cut Core	0.05	1465					0.1	26
GCHD472	12	13	1	A34216	5.5	PQ	HCORE	U	Cut Core	0.05	1665					0.1	26
GCHD472	13	14	1	A34217	6.6	PQ	HCORE	U	Cut Core	0.03	932					0.0	19
GCHD472	14	15	1	A34218	6.1	PQ	HCORE	U	Cut Core	0.09	1435					0.1	40
GCHD472	15	16	1	A34219	7.1	PQ	HCORE	U	Cut Core	0.15	949					0.2	35
GCHD472	16	17	1	A34220	6.2	PQ	HCORE	U	Cut Core	0.04	623					0.0	18
GCHD472	17	18	1	A34221	7	PQ	HCORE	U	Cut Core	0.02	299					0.0	8
GCHD472	18	19	1	A34222	6.8	PQ	HCORE	U	Cut Core	0.01	181					0.0	1
GCHD472	18	19		A34222R		CRUSH	DUP	Selected at Lab		0.01	181					0.0	1
GCHD472	19	20	1	A34223	7	PQ	HCORE	U	Cut Core	0.02	118					0.0	1
GCHD472	20	21	1	A34224	5.8	PQ	HCORE	U	Cut Core	0.01	97					0.0	1
GCHD472	21	22	1	A34225	3.3	HQ	HCORE	U	Cut Core	0.01	63					0.0	0
GCHD472	22	24	2	A34226	6.7	HQ	HCORE	U	Cut Core	0.02	222					0.0	2
GCHD472	24	26	2	A34227	7	HQ	HCORE	U	Cut Core	0.06	1120					0.1	9
GCHD472	26	28	2	A34228	7.4	HQ	HCORE	U	Cut Core	0.07	508					0.1	3
GCHD472	28	30	2	A34229	6.7	HQ	HCORE	U	Cut Core	0.07	560					0.1	6
GCHD472	30	32	2	A34230	6.3	HQ	HCORE	U	Cut Core	0.24	2400					0.2	49
GCHD472	32	34	2	A34231	7.1	HQ	HCORE	U	Cut Core	0.33	8320					0.3	407
GCHD472	34	36	2	A34232	6.6	HQ	HCORE	U	Cut Core	0.06	461					0.1	4
GCHD472	36	38	2	A34233	6.4	HQ	HCORE	U	Cut Core	0.45	2170					0.5	6
GCHD472				A34234		PULP	STD		CHMG 01	0.35	2460					0.4	7
GCHD472	38	40	2	A34235	6.7	HQ	HCORE	U	Cut Core	0.54	4110					0.5	5
GCHD472	40	42	2	A34236	7	HQ	HCORE	U	Cut Core	0.55	4720					0.6	9
GCHD472	42	44	2	A34237	7.8	HQ	HCORE	U	Cut Core	1.59	13300					1.6	5
GCHD472	44	46	2	A34238	7.1	HQ	HCORE	U	Cut Core	1.27	15500					1.3	8
GCHD472	46	48	2	A34239	6.9	HQ	HCORE	U	Cut Core	1.34	9160					1.3	4
GCHD472	48	50	2	A34240	7.4	HQ	HCORE	U	Cut Core	1.06	8350					1.1	2
GCHD472	50	52	2	A34241	7.2	HQ	HCORE	U	Cut Core	1.25	8130					1.3	4
GCHD472	52	54	2	A34242	6.6	HQ	HCORE	U	Cut Core	0.77	6530				22m @ 0.73%	0.83	0.8
GCHD472	52	54		A34242R		CRUSH	DUP	Selected at Lab		0.76	6780					0.8	25
GCHD472	54	56	2	A34243	7	HQ	HCORE	U	Cut Core	0.28	2370					0.3	3
GCHD472	56	58	2	A34244	6.4	HQ	HCORE	U	End Batch 1	0.4	3290					0.4	12
GCHD472	58	60	2	A34245	7.4	HQ	HCORE	U	Start Batch 2	0.43	3730					1.1	3
GCHD472	60	62	2	A34246	6.8	HQ	HCORE	U	Cut Core	0.50	14400					3.5	7
GCHD472	62	64	2	A34247	7.3	HQ	HCORE	U	Cut Core	0.39	5680					1.2	2
GCHD472	64	66	2	A34248	6.8	HQ	HCORE	U	Cut Core	0.40	5620					1.7	2
GCHD472	66	68	2	A34249	6.5	HQ	HCORE	U	Cut Core	0.45	4250					1.6	2
GCHD472	68	70	2	A34250	7	HQ	HCORE	U	Cut Core	0.45	4300					1.9	2
GCHD472	70	72	2	A34251	6.8	HQ	HCORE	U	Cut Core	0.44	4720					1.6	2
GCHD472	72	74	2	A34252	7.6	HQ	HCORE	U	Cut Core	0.50	6010					1.9	2
GCHD472				A34253		PULP	STD		CHHG 01	2.35	9390					4.0	2
GCHD472	74	76	2	A34254	7.2	HQ	HCORE	U	Cut Core-Rubble	0.43	8430					3.9	2
GCHD472	76	78	2	A34255	6.6	HQ	HCORE	U	Cut Core-Rubble	0.33	8100					2.0	6
GCHD472	78	80	2	A34256	8.2	HQ	HCORE	U	Cut Core-Rubble	0.24	3260					1.0	3
GCHD472	80	82	2	A34257	6.2	HQ	HCORE	U	Cut Core-Rubble	0.37	5410					1.9	3
GCHD472	82	84	2	A34258	7	HQ	HCORE	U	Cut Core-Rubble	0.22	2610					1.0	3
GCHD472	84	86	2	A34259	7.2	HQ	HCORE	U	Cut Core-Rubble	0.21	2780					1.1	3
GCHD472	86	88	2	A34260	7.3	HQ	HCORE	U	Cut Core-Rubble	0.50	4800				28m @ 0.57%	0.39	1.8
GCHD472	88	90	2	A34261	7.2	HQ	HCORE	U	Cut Core-Rubble	0.30	3400				58m @ 0.59%	0.55	1.2
GCHD472	90	92	2	A34262	8	HQ	HCORE	U	Cut Core-Rubble	0.20	2490					0.6	4
GCHD472	92	94	2	A34263	8.8	HQ	HCORE	U	Cut Core-Rubble	0.26	1770					0.6	3
GCHD472	94	96	2	A34264	7.6	HQ	HCORE	U	Cut Core-Rubble	0.13	1710					1.0	3
GCHD472	94	96	2	A34264R		CRUSH	DUP	Selected at Lab		0.12	1630					0.8	2
GCHD472	96	98	2	A34265	6.1	HQ	HCORE	U	Cut Core-Rubble	0.22	2420					0.9	3
GCHD472	98	100	2	A34266	7.5	HQ	HCORE	U	Cut Core-Rubble	0.29	2240					0.9	5
GCHD472	100	102	2	A34267	7	HQ	HCORE	U	Cut Core-Rubble	0.11	945					0.3	3
GCHD472	102	104	2	A34268	6.6	HQ	HCORE	U	Cut Core-Rubble	0.58	2740					1.3	4
GCHD472	104	106	2	A34269	6.4	HQ	HCORE	U	Cut Core-Rubble	0.40	2920					1.3	4
GCHD472	106	108	2	A34270	7	HQ	HCORE	U	Cut Core-Rubble	0.25	1410					0.5	4
GCHD472	108	110	2	A34271	6.8	HQ	HCORE	U	Cut Core-Rubble	0.57	3040					1.1	4
GCHD472	110	112	2	A34272	7.1	HQ	HCORE	U	Cut Core-Rubble	1.05	7540					2.0	7
GCHD472				A34273	3.4		BLANK			<0.01	69					0.0	2
GCHD472	112	114	2	A34274	7.4	HQ	HCORE	U	Cut Core-Rubble	0.84	4370					1.2	3
GCHD472	114	116	2	A34275	7.2	HQ	HCORE	U	Cut Core-Rubble	0.84	5670				6m @ 0.58%	0.91	1.7
GCHD472	116	118	2	A34276	6.9	HQ	HCORE	U	Cut Core-Rubble	0.39	3180					1.0	3
GCHD472	118	120	2	A34277	6.8	HQ	HCORE	U	Cut Core-Rubble	0.54	2640					1.0	3

GCHD 472 ANALYTICAL RESULTS: October 2014								Au-AA26		ME-MS61		Cu% Cutoff			INTERCEPT		ME-MS61		
Hole ID	From (m)	To (m)	Lgth	Sample ID	Wt (kg)	Bit Size	Sample type	QA QC	Comments	Au ppm	Cu ppm	0.2 %	0.3 %	0.4 %	Cu%	Au g/t	Ag ppm	Mo ppm	
										8m	4m	8m	4m	4m					
GCHD472	120	122	2	A34278	7.6	HQ	HCORE	U	Cut Core-Rubble	0.05	443						0.2	3	
GCHD472	122	124	2	A34279	7.1	HQ	HCORE	U	Cut Core-Rubble	0.61	5320						1.3	3	
GCHD472	124	126	2	A34280	7.1	HQ	HCORE	U	Cut Core-Rubble	0.59	6000						1.8	2	
GCHD472	126	128	2	A34281	7.3	HQ	HCORE	U	Cut Core-Rubble	1.23	8630						2.9	3	
GCHD472	128	130	2	A34282	7.5	HQ	HCORE	U	Cut Core-Rubble	2.70	12350						5.2	2	
GCHD472	130	132	2	A34283	7.2	HQ	HCORE	U	Cut Core	1.78	10350						6.1	2	
GCHD472				A34284		PULP	STD		CHMG 01			0.30		2510				1.4	7
GCHD472	132	134	2	A34285	7.4	HQ	HCORE	U	Cut	2.57	9070						3.6	3	
GCHD472	132	134	2	A34285R		CRUSH	DUP	Selected at Lab		2.41	10600						4.0	4	
GCHD472	134	136	2	A34286	7.9	HQ	HCORE	U	Cut Core	0.71	3400						1.2	2	
GCHD472	136	138	2	A34287	7.1	HQ	HCORE	U	Cut Core	2.16	8530						3.7	4	
GCHD472	138	140	2	A34288	6.8	HQ	HCORE	U	Cut Core	1.02	4520						1.7	2	
GCHD472	140	142	2	A34289	7	HQ	HCORE	U	Cut Core	0.57	4660						1.5	2	
GCHD472	142	144	2	A34290	6.8	HQ	HCORE	U	Cut Core	0.54	4220						1.2	3	
GCHD472	144	146	2	A34291	6.8	HQ	HCORE	U	Cut Core	0.31	3200						1.6	3	
GCHD472	146	148	2	A34292	7.8	HQ	HCORE	U	Cut Core	0.62	4090						3.1	3	
GCHD472	148	150	2	A34293	7	HQ	HCORE	U	Cut Core	0.70	5780						1.3	3	
GCHD472	150	152	2	A34294	7.2	HQ	HCORE	U	Cut Core	0.28	2650						1.0	3	
GCHD472	152	154	2	A34295	6.2	HQ	HCORE	U	Cut Core	0.30	2730						2.2	4	
GCHD472	154	156	2	A34296	7	HQ	HCORE	U	Cut Core	0.83	6280						2.1	4	
GCHD472	156	158	2	A34297	7	HQ	HCORE	U	Cut Core	0.67	5950						1.8	4	
GCHD472	158	160	2	A34298	7.2	HQ	HCORE	U	Cut Core	0.57	5300						1.8	4	
GCHD472	160	162	2	A34299	6.7	HQ	HCORE	U	Cut Core	0.32	5380						1.8	4	
GCHD472				A34300		PULP	STD		CHHG 01			2.30		9230			3.8	2	
GCHD472	162	164	2	A34301	7.2	HQ	HCORE	U	Cut Core	0.31	3250						1.3	7	
GCHD472	164	166	2	A34302	6.7	HQ	HCORE	U	Cut Core	0.27	5890						1.8	31	
GCHD472	166	168	2	A34303	7	HQ	HCORE	U	Cut Core	0.21	3170						1.0	5	
GCHD472	168	170	2	A34304	7.1	HQ	HCORE	U	Cut Core	0.49	6180						1.9	3	
GCHD472	168	170	2	A34304R		CRUSH	DUP	Selected at Lab		0.41	4580						1.4	2	
GCHD472	170	172	2	A34305	6.6	HQ	HCORE	U	Cut Core	0.50	4450						2.0	12	
GCHD472	172	174	2	A34306	7	HQ	HCORE	U	Cut Core	0.13	231						0.4	0	
GCHD472	174	176	2	A34307	7	HQ	HCORE	U	Cut Core	0.17	385						0.6	0	
GCHD472	176	178	2	A34308	7	HQ	HCORE	U	Cut Core	0.48	3570						1.8	2	
GCHD472	178	180	2	A34309	7	HQ	HCORE	U	Cut Core	0.78	7720						3.1	9	
GCHD472	180	182	2	A34310	7.1	HQ	HCORE	U	Cut Core	0.45	6060						2.8	9	
GCHD472	182	184	2	A34311	7.1	HQ	HCORE	U	Cut Core	0.48	6550						2.6	4	
GCHD472	184	186	2	A34312	6.5	HQ	HCORE	U	Cut Core	1.18	15100						8.7	4	
GCHD472	186	188	2	A34313	7	HQ	HCORE	U	End Batch 2	0.44	7540						3.2	3	
GCHD472	188	190	2	A34314	6.2	HQ	HCORE	U	Start Batch 3	0.25	4140						2.3	5	
GCHD472	190	192	2	A34315	7.3	HQ	HCORE	U	Cut Core	0.24	2000						1.2	3	
GCHD472	192	194	2	A34316	6.4	HQ	HCORE	U	Cut Core	0.16	2960						1.5	11	
GCHD472	194	196	2	A34317	7.2	HQ	HCORE	U	Cut Core	0.22	2270						1.2	5	
GCHD472				A34318		PULP	STD		CHHG 01			2.41		8990			3.7	2	
GCHD472	196	198	2	A34319	7.2	HQ	HCORE	U	Cut Core	0.17	2290						1.1	27	
GCHD472	198	200	2	A34320	7	HQ	HCORE	U	Cut Core	0.04	530						0.5	2	
GCHD472	200	202	2	A34321	3.8	HQ	HCORE	U	Core Loss 100 mtrs	0.03	266						0.3	1	
GCHD472	202	204	2	A34322	5	HQ	HCORE	U	Cut Core-Rubble	0.07	663						0.5	1	
GCHD472	204	206	2	A34323	7.1	HQ	HCORE	U	Cut Core	0.08	1070						0.8	3	
GCHD472	206	208	2	A34324	6.4	HQ	HCORE	U	Cut Core	0.24	3540						1.5	11	
GCHD472	208	210	2	A34325	7.1	HQ	HCORE	U	Cut Core	0.10	1750						0.9	15	
GCHD472	210	212	2	A34326	6.4	HQ	HCORE	U	Cut Core-Rubble	0.38	4080						1.5	31	
GCHD472	212	214	2	A34327	5.8	HQ	HCORE	U	Rubble / Cut Core	0.36	4730						1.2	55	
GCHD472	214	216	2	A34328	6.3	HQ	HCORE	U	Rubble / Cut Core	0.35	4330						1.6	47	
GCHD472	216	218	2	A34329	5.8	HQ	HCORE	U	Rubble	0.33	4800						2.2	33	
GCHD472	218	220	2	A34330	6.4	HQ	HCORE	U	Rubble	0.43	5850						2.1	38	
GCHD472	220	222	2	A34331	6.8	HQ	HCORE	U	Rubble	0.20	3260						0.7	23	
GCHD472	222	224	2	A34332	6.4	HQ	HCORE	U	Rubble	0.19	3560						1.0	58	
GCHD472	224	226	2	A34333	6.9	HQ	HCORE	U	Rubble	0.30	4120						1.4	35	
GCHD472	226	228	2	A34334	7.2	HQ	HCORE	U	Rubble	0.43	5090						0.8	31	
GCHD472	226	228	2	A34334R		CRUSH	DUP	Selected at Lab		0.43	4880						0.8	30	
GCHD472	228	230	2	A34335	7.4	HQ	HCORE	U	Rubble	0.34	4150						1.1	37	
GCHD472	230	232	2	A34336	6.8	HQ	HCORE	U	Rubble	0.25	3160						0.8	40	
GCHD472	232	234	2	A34337	7.9	HQ	HCORE	U	Rubble	0.27	2890						0.5	16	
GCHD472	234	236	2	A34338	7.3	HQ	HCORE	U	Rubble	0.27	3510						0.7	23	
GCHD472	236	238	2	A34339	6.8	HQ	HCORE	U	Rubble	0.25	3580						0.9	31	
GCHD472	238	240	2	A34340	7	HQ	HCORE	U	Rubble	0.34	4770						0.8	35	
GCHD472	240	242	2	A34341	7.6	HQ	HCORE	U	Rubble	0.26	3880						0.7	37	
GCHD472	242	244	2	A34342	6.8	HQ	HCORE	U	Rubble	0.24	3230						0.6	45	
GCHD472	244	246	2	A34343	7	HQ	HCORE	U	Rubble	0.15	2570						0.7	35	
GCHD472				A34344		PULP	STD		CHLG 01	0.04	425						0.4	12	
GCHD472	246	248	2	A34345	7.4	HQ	HCORE	U	Rubble	0.16	2590						0.7	23	
GCHD472	248	250	2	A34346	8	HQ	HCORE	U	Rubble / Cut Core	0.25	2960						0.8	18	

GCHD 472 ANALYTICAL RESULTS: October 2014								Au-AA26		ME-MS61		Cu% Cutoff			INTERCEPT		ME-MS61		
Hole ID	From (m)	To (m)	Lgth	Sample ID	Wt (kg)	Bit Size	Sample type	QA QC	Comments	Au ppm	Cu ppm	0.2 %	0.3 %	0.4 %	Cu%	Au g/t	Ag ppm	Mo ppm	
GCHD472	250	252	2	A34347	6.6	HQ	HCORE	U	Rubble / Cut Core	0.31	4050						2.0	44	
GCHD472	252	254	2	A34348	7.2	HQ	HCORE	U	Rubble / Cut Core	0.28	4940						0.9	45	
GCHD472	254	256	2	A34349	7.8	HQ	HCORE	U	Rubble / Cut Core	0.21	3840						0.5	29	
GCHD472	256	258	2	A34350	6.4	HQ	HCORE	U	Rubble / Cut Core	0.24	4140						0.6	47	
GCHD472	258	260	2	A34351	6.7	HQ	HCORE	U	Rubble / Cut Core	0.24	4100						0.9	32	
GCHD472	260	262	2	A34352	7.5	HQ	HCORE	U	Rubble / Cut Core	0.20	3660						0.9	22	
GCHD472	262	264	2	A34353	7.8	HQ	HCORE	U	Rubble / Cut Core	0.39	5370						1.2	13	
GCHD472	264	266	2	A34354	7	HQ	HCORE	U	Rubble / Cut Core	0.32	4580						1.1	25	
GCHD472	264	266	2	A34354R			CRUSH	DUP	Selected at Lab	0.33	4680						1.1	26	
GCHD472	266	268	2	A34355	7.1	HQ	HCORE	U	Rubble / Cut Core	0.28	4490						1.1	28	
GCHD472	268	270	2	A34356	7.5	HQ	HCORE	U	Rubble / Cut Core	0.24	5190						3.1	34	
GCHD472	270	272	2	A34357	7	HQ	HCORE	U	Rubble / Cut Core	0.41	2420						3.0	29	
GCHD472	272	274	2	A34358	6.8	HQ	HCORE	U	Rubble / Cut Core	0.17	3520						1.4	40	
GCHD472	274	276	2	A34359	6.8	HQ	HCORE	U	Rubble / Cut Core	0.31	5770						1.7	62	
GCHD472	276	278	2	A34360	6.8	HQ	HCORE	U	Rubble / Cut Core	0.47	5660						1.5	32	
GCHD472	278	280	2	A34361	6.8	HQ	HCORE	U	Rubble / Cut Core	0.28	4780						30m @ 0.44%	0.29	
GCHD472	280	282	2	A34362	6.8	HQ	HCORE	U	Rubble / Cut Core	0.20	3230						0.9	21	
GCHD472	282	284	2	A34363	6.9	HQ	HCORE	U	Rubble / Cut Core	0.28	3330						34m @ 0.42%	0.28	
GCHD472	284	286	2	A34364	6.8	HQ	HCORE	U	Rubble / Cut Core	0.17	2970						1.3	58	
GCHD472	286	288	2	A34365	6.6	HQ	HCORE	U	Rubble / Cut Core	0.06	1150						0.7	14	
GCHD472	288	290	2	A34366	6.6	HQ	HCORE	U	Rubble / Cut Core	0.11	2510						0.9	37	
GCHD472				A34367		PULP	STD		CHMG_01	0.30	2400						1.5	7	
GCHD472	290	292	2	A34368	7.2	HQ	HCORE	U	Rubble / Cut Core	0.43	3570						0.9	21	
GCHD472	292	294	2	A34369	7.4	HQ	HCORE	U	Rubble / Cut Core	0.33	3250						0.7	35	
GCHD472	294	296	2	A34370	6.8	HQ	HCORE	U	Rubble / Cut Core	0.53	4660						0.9	63	
GCHD472	296	298	2	A34371	6.8	HQ	HCORE	U	Rubble / Cut Core	0.55	5240						1.2	57	
GCHD472	298	300	2	A34372	6.6	HQ	HCORE	U	Rubble / Cut Core	0.24	2630						1.2	48	
GCHD472	300	302	2	A34373	7.6	HQ	HCORE	U	Rubble / Cut Core	0.42	3600						0.9	37	
GCHD472	302	304	2	A34374	6.8	HQ	HCORE	U	Rubble / Cut Core	0.28	3370						0.8	30	
GCHD472	302	304	2	A34374R		CRUSH	DUP	Selected at Lab		0.27	3400						0.9	34	
GCHD472	304	306	2	A34375	7.4	HQ	HCORE	U	Rubble / Cut Core	0.39	3590						16m @ 0.37%	0.40	
GCHD472	306	308	2	A34376	6.9	HQ	HCORE	U	Rubble / Cut Core	0.16	2630						1.6	32	
GCHD472	308	310	2	A34377	7.7	HQ	HCORE	U	Rubble / Cut Core	0.11	1670						0.8	41	
GCHD472	310	312	2	A34378	6.6	HQ	HCORE	U	Rubble / Cut Core	0.02	88						0.1	1	
GCHD472	312	314	2	A34379	6.6	HQ	HCORE	U	Cut	0.01	32						0.1	0	
GCHD472	314	316	2	A34380	7.2	HQ	HCORE	U	Cut/ Rubble	0.01	31						0.1	1	
GCHD472	316	318	2	A34381	7	HQ	HCORE	U	Cut	0.14	31						dyke?		
GCHD472				A34382		PULP	STD		CHHG_01	2.36	9310						3.7	2	
GCHD472	318	320	2	A34383	7.6	HQ	HCORE	U	Cut	0.14	48						0.2	1	
GCHD472	320	322	2	A34384	7	HQ	HCORE	U	Cut	0.03	33						0.1	0	
GCHD472	322	324	2	A34385	7.2	HQ	HCORE	U	End Batch 3	0.93	3160						3.4	34	
GCHD472	324	326	2	A34386	7.4	HQ	HCORE	U	Start Batch 4	0.46	3590						1.7	25	
GCHD472	326	328	2	A34387	6.9	HQ	HCORE	U	Rubble / Cut Core	0.77	5430						2.0	15	
GCHD472	328	330	2	A34388	7.5	HQ	HCORE	U	Rubble / Cut Core	0.48	5030						2.0	20	
GCHD472	330	332	2	A34389	7.6	HQ	HCORE	U	Rubble / Cut Core	0.47	3810						1.6	18	
GCHD472	332	334	2	A34390	6	HQ	HCORE	U	Rubble / Cut Core	0.47	4880						1.7	22	
GCHD472				A34391	3.8	CB	BLANK			-0.01	39						0.0	2	
GCHD472	334	336	2	A34392	7.1	HQ	HCORE	U	Cut / Rubble	0.26	2920						1.8	16	
GCHD472	336	338	2	A34393	7.4	HQ	HCORE	U	Cut / Rubble	0.58	5470						2.2	40	
GCHD472	338	340	2	A34394	7.2	HQ	HCORE	U	Cut / Rubble	0.61	4430						14M @ 0.57%	0.52	
GCHD472	340	342	2	A34395	7.1	HQ	HCORE	U	Cut / Rubble	0.29	2060						0.9	15	
GCHD472	342	344	2	A34396	8	HQ	HCORE	U	Rubble / Cut Core	0.44	3300						1.0	26	
GCHD472	344	346	2	A34397	8.1	HQ	HCORE	U	Rubble / Cut Core	0.34	2380						0.9	10	
GCHD472	346	348	2	A34398	7.6	HQ	HCORE	U	Rubble / Cut Core	0.34	2800						1.1	17	
GCHD472	348	350	2	A34399	6.2	HQ	HCORE	U	Rubble / Cut Core	1.31	3260						2.7	22	
GCHD472	350	352	2	A34400	6	HQ	HCORE	U	Rubble / Cut Core	0.70	2730						1.0	16	
GCHD472	352	354	2	A34401	6.7	HQ	HCORE	U	Rubble / Cut Core	0.42	2780						1.2	16	
GCHD472	354	356	2	A34402	7.6	HQ	HCORE	U	Rubble / Cut Core	0.50	3200						0.8	18	
GCHD472	356	358	2	A34403	7.2	HQ	HCORE	U	Rubble / Cut Core	0.58	4970						0.9	11	
GCHD472				A34404		PULP	STD		CHMG_01	0.31	2440						1.4	8	
GCHD472	358	360	2	A34405	6.9	HQ	HCORE	U	Rubble / Cut Core	0.23	3220						322-360	38m @ 0.36%	
GCHD472	358	360	2	A34405		CRUSH	DUP			0.21	3100						0.54	1.0	
GCHD472	360	362	2	A34406	7.6	HQ	HCORE	U	Rubble / Cut Core	0.15	1490						30-360	330m @ 0.42%	
GCHD472	362	364	2	A34407	7.6	HQ	HCORE	U	Rubble / Cut Core	0.07	1720						0.45	0.6	
GCHD472	364	366	2	A34408	7.3	HQ	HCORE	U	Rubble / Cut Core	0.07	1320						0.7	22	
GCHD472	366	368	2	A34409	7.5	HQ	HCORE	U	Rubble / Cut Core	0.08	1570						0.6	5	
GCHD472	368	370	2	A34410	7.5	HQ	HCORE	U	Rubble / Cut Core	0.06	1110						0.6	9	
GCHD472	370	372	2	A34411	7.2	HQ	HCORE	U	Rubble / Cut Core	0.10	2080						0.9	8	
GCHD472	372	374	2	A34412	8.2	HQ	HCORE	U	Rubble / Cut Core	0.07	1930						0.8	11	
GCHD472	374	376	2	A34413	6.5	HQ	HCORE	U	Rubble / Cut Core	0.08	1750						0.7	7	
GCHD472	376	378	2	A34414	7.8	HQ	HCORE	U	Rubble / Cut Core	0.06	1110						0.5	9	
GCHD472	378	380	2	A34415	7.3	HQ	HCORE	U	Rubble / Cut Core	0.11	2300						1.0	12	
GCHD472	380	382	2	A34416	7.3	HQ	HCORE	U	Rubble / Cut Core	0.08	1480						0.7	6	
GCHD472	382	384	2	A34417	7.8	HQ	HCORE	U	Rubble / Cut Core	0.08	1640						0.7	5	
GCHD472	384	386	2	A34418	8	HQ	HCORE	U	Rubble / Cut Core	0.07	1810						0.7	6	

GCHD 472 ANALYTICAL RESULTS: October 2014								Au-AA26			ME-MS61		Cu% Cutoff			INTERCEPT			ME-MS61		
Hole ID	From (m)	To (m)	Lgth	Sample ID	Wt (kg)	Bit Size	Sample type	QA QC	Comments	Au ppm	Cu ppm	0.2 % 8m	0.3 % 4m	0.4 % 4m	Cu%	Au g/t	Ag ppm	Mo ppm			
GCHD472	386	388	2	A34419	8.1	HQ	HCORE	U	Rubble / Cut Core	0.12	2030						0.7	9			
GCHD472	388	390	2	A34420	7.4	HQ	HCORE	U	Rubble / Cut Core	0.18	3100						1.0	14			
GCHD472	390	392	2	A34421	7.4	HQ	HCORE	U	Rubble / Cut Core	0.15	4030						1.3	11			
GCHD472	392	394	2	A34422	7.2	HQ	HCORE	U	Rubble / Cut Core	0.15	2520						0.9	6			
GCHD472	394	396	2	A34423	7.7	HQ	HCORE	U	Rubble / Cut Core	0.24	3190					8M @ 0.32%	0.18	1.6	6		
GCHD472				A34424		PULP	STD	CHLG_01		0.04	414						0.4	11			
GCHD472	396	398	2	A34425	7.4	HQ	HCORE	U	Rubble / Cut Core	0.14	1890						1.3	11			
GCHD472	396	398	2	A34425		CRUSH	DUP			0.14	1820						1.3	9			
GCHD472	398	400	2	A34426	7.1	HQ	HCORE	U	Rubble / Cut Core	0.10	1740						0.7	12			
GCHD472	400	402	2	A34427	7.4	HQ	HCORE	U	Cut Core / Rubble	0.11	2100						0.8	26			
GCHD472	402	404	2	A34428	6.4	HQ	HCORE	U	Cut Core / Rubble	0.26	4740						1.9	10			
GCHD472	404	406	2	A34429	6.9	HQ	HCORE	U	Cut Core / Rubble	0.21	2590						1.2	10			
GCHD472	406	408	2	A34430	7	HQ	HCORE	U	Cut Core / Rubble	0.32	3060						1.3	2			
GCHD472	408	410	2	A34431	6.8	HQ	HCORE	U	Cut Core / Rubble	0.19	2750						1.1	5			
GCHD472	410	412	2	A34432	6.4	HQ	HCORE	U	Cut Core / Rubble	0.22	3220						1.3	5			
GCHD472	412	414	2	A34433	7.2	HQ	HCORE	U	Cut Core / Rubble	0.28	3950						2.1	4			
GCHD472	414	416	2	A34434	6.4	HQ	HCORE	U	Cut Core / Rubble	0.34	6240						3.2	7			
GCHD472	416	418	2	A34435	6.5	HQ	HCORE	U	Cut Core / Rubble	1.59	5320						7.1	6			
GCHD472	418	420	2	A34436	7.2	HQ	HCORE	U	Cut Core / Rubble	0.23	3340						1.3	4			
GCHD472	420	422	2	A34437	7.4	HQ	HCORE	U	Cut Core / Rubble	0.24	3220						1.3	7			
GCHD472	422	424	2	A34438	6.2	HQ	HCORE	U	Cut Core / Rubble	0.18	3040						1.6	23			
GCHD472	424	426	2	A34439	6.6	HQ	HCORE	U	Cut Core / Rubble	0.38	6240						2.5	51			
GCHD472	426	428	2	A34440	6.9	HQ	HCORE	U	Cut Core / Rubble	0.26	4820						2.8	18			
GCHD472	428	430	2	A34441	7.3	HQ	HCORE	U	Cut Core / Rubble	0.26	4010						2.2	11			
GCHD472	430	432	2	A34442	7.5	HQ	HCORE	U	Cut Core / Rubble	0.48	5660						2.6	9			
GCHD472	432	434	2	A34443	6.5	HQ	HCORE	U	Cut Core / Rubble	0.43	3610						1.6	5			
GCHD472	434	436	2	A34444	6.8	HQ	HCORE	U	Cut Core / Rubble	0.35	4980					12M @ 0.48%	0.36	3.4	38		
GCHD472				A34445		PULP	STD	CHLG_01		0.05	418						0.4	11			
GCHD472	436	438	2	A34446	6.6	HQ	HCORE	U	Cut Core / Rubble	0.26	3510						2.0	6			
GCHD472	438	440	2	A34446 R		CRUSH	DUP	Selected at Lab		0.24	3260						1.8	6			
GCHD472	440	442	2	A34447	7.2	HQ	HCORE	U	Cut Core	0.15	3630					40m @ 0.40%	0.34	1.7	4		
GCHD472	442	444	2	A34448	7.2	HQ	HCORE	U	Cut Core	0.18	2200						1.4	10			
GCHD472	444	446	2	A34449	6	HQ	HCORE	U	Cut Core	0.14	2910						1.3	12			
GCHD472	444	446	2	A34450	7.3	HQ	HCORE	U	Cut Core	0.17	2110						0.9	13			
GCHD472	446	448	2	A34451	7.3	HQ	HCORE	U	Cut Core	0.10	1120						0.4	6			
GCHD472	448	450	2	A34452	6.4	HQ	HCORE	U	Cut Core	0.08	827						0.3	3			
GCHD472	450	452	2	A34453	6.9	HQ	HCORE	U	Cut Core	0.31	2270						1.2	3			
GCHD472	452	454	2	A34454	7	HQ	HCORE	U	Cut Core	0.34	4100						2.4	11			
GCHD472	454	456	2	A34455	7.5	HQ	HCORE	U	Cut Core	0.19	3000					386-456	70m @ 0.33%	0.27	2.1	11	
GCHD472	456	458	2	A34456	6.8	HQ	HCORE	U	Cut Core	0.02	145					30-456	426m @ 0.39%	0.39	0.2	1	
GCHD472	458	460	2	A34457	7	HQ	HCORE	U	Cut Core	0.03	202					incl dykes & 28m LG				0.4	2
GCHD472	460	462	2	A34458	7.1	HQ	HCORE	U	Cut Core	0.15	303						0.3	2			
GCHD472	462	464	2	A34459	6.3	HQ	HCORE	U	Cut Core	0.04	378						0.5	6			
GCHD472	464	466	2	A34460	6.8	HQ	HCORE	U	Cut Core	0.04	423						0.4	4			
GCHD472	466	468	2	A34461	6.4	HQ	HCORE	U	Cut Core	0.25	1840						0.8	3			
GCHD472	468	470	2	A34462	6.8	HQ	HCORE	U	Cut Core	0.03	200						0.4	2			
GCHD472	470	472	2	A34463	6.5	HQ	HCORE	U	Cut Core	0.17	4330						1.3	17			
GCHD472				A34464		PULP	STD	CHMG_01		0.31	2460						1.4	8			
GCHD472	472	474	2	A34465	6.7	HQ	HCORE	U	Cut Core	0.12	2320						0.7	7			
GCHD472	472	474	2	A34465		CRUSH	DUP			0.13	2300						0.7	7			
GCHD472	474	476	2	A34466	7	HQ	HCORE	U	Cut Core	0.07	642						0.5	7			
GCHD472	476	478	2	A34467	6.7	HQ	HCORE	U	Cut Core	-0.01	116						0.1	1			
GCHD472	478	480	2	A34468	6.5	HQ	HCORE	U	Cut Core	0.01	76						0.1	1			
GCHD472	480	482	2	A34469	6.8	HQ	HCORE	U	Cut Core	0.01	177						0.1	1			
GCHD472	482	484	2	A34470	7	HQ	HCORE	U	Cut Core	0.01	398						0.2	1			
GCHD472	484	486	2.3	A34471	7.6	HQ	HCORE	U	Cut Core EOH	0.01	164						0.1	1			

JORC Compliance Statement

Set out below are Sections 1 and 2 of Table 1, JORC Code, 2012 Edition for GCHD472.

JORC Table 1

Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> 	<ul style="list-style-type: none"> Core drilling samples using PQ and HQ -sized core were cut using a diamond saw and half core sent for assay. Broken sections were sampled using best efforts to maintain representative samples. Core losses were recorded and lost core zones given zero grade.
Drilling techniques	<ul style="list-style-type: none"> <i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i> 	<ul style="list-style-type: none"> Core drilling (PQ & HQ triple tube.) Core orientation using Reflex ACE System
Drill sample recovery	<ul style="list-style-type: none"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i> 	<ul style="list-style-type: none"> Core recoveries at Copper Hill are generally excellent. Interval 0 to 10 metres: rubble then core/rubble combined. Is regarded as being representative of the interval sampled.
Logging	<ul style="list-style-type: none"> <i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> Logging was carried out at a level commensurate with an advanced exploration/development program with lithologies, mineralisation, alteration, faults, fractures and other geotechnical aspects noted sufficient for mining studies Logging was both qualitative and quantitative. Half core was retained and all core photographed wet and dry. Hole GCHD472 was logged in detail over its full length.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> <i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i> <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> Core – sawn, half core sent for assay, half core retained All necessary steps taken to avoid contamination between samples. Blanks and standards inserted every 20 metres.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> 	<ul style="list-style-type: none"> All base metal assays tested after crushing to -80#, multiple acid digest and testing by ALS method ME-MS61 (48 elements, low detection levels). All gold assays by 50g Fire Assay, ALS method Au-AA26 Standard samples prepared by a qualified/registered laboratory All samples tested by ALS Orange with internal checks, matching checks with other ALS labs and annual ‘round robin’ comparisons with competitor labs. Acceptable levels of accuracy and precision have been established
Verification of sampling and assaying	<ul style="list-style-type: none"> <i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> No independent verification was carried out No twinned holes were drilled Drill logs are hard copy, assays stored as spreadsheets as reported by ALS then matched to drill hole interval and stored digitally Weighted adjustments to assay data in lost core/rubble zones.
Location of data points	<ul style="list-style-type: none"> <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> 	<ul style="list-style-type: none"> Drill hole collar locations by GPS and DGPS, down-hole Reflex Gyro MGA (GDA) grid system Topographic control adequate for exploration and Inferred, Indicated

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> • Specification of the grid system used. • Quality and adequacy of topographic control. 	and Measured Resource calculations
Data spacing and distribution	<ul style="list-style-type: none"> • Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied. 	<ul style="list-style-type: none"> • Sampled at 1 and 2 metre intervals. • No compositing was undertaken in GCHD472
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> • Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> • Copper Hill shows typical ‘porphyry-style’ mineralisation with mineralisation disseminated and veined within porphyry intrusions and in veins and breccias within the adjacent country rock. • GCHD472 was drilled to test zones between previous core and reverse circulation drill holes adjacent to a higher grade dilation zone within the overall Copper Hill igneous complex. The orientation of the mineralised zone is based on the previous drilling results and on structural mapping (Cyprus Minerals) and recent detailed core structural measurements.
Sample security	<ul style="list-style-type: none"> • The measures taken to ensure sample security. 	<ul style="list-style-type: none"> • No specific security measures were taken. The ALS Laboratory is 40 kilometres from Copper Hill and GCR’s trained staff prepared and transported all samples.
Audits or reviews	<ul style="list-style-type: none"> • The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> • No audits have been carried out specifically on the sampling techniques and data in this report but procedures followed the techniques set out in a report to GCR by Dr Colin Brooks. Internal QA/QC reviews are made for each new drill hole to consider potential problems and an in-house procedure manual sets out all requirements.

Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> • Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> • The Copper Hill – Molong Project is held 100% by GCR under EL6391 (33 units, 95 square kilometres). • NSW Trade & Investment’s Mineral Exploration Assessment Department has granted renewal of 33 units (100%) to 10th March 2016.
Exploration done by other parties	<ul style="list-style-type: none"> • Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> • Since 1960’s Anaconda, Amax Australia, Le Nickel, Homestake, Cyprus Minerals, Newcrest and MIM Ltd.
Geology	<ul style="list-style-type: none"> • Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> • Porphyry-style; tonalite–dacite intrusions into andesitic island-arc volcanics with copper-gold in disseminations, sheeted veins, stockworks and breccias
Drill hole Information	<ul style="list-style-type: none"> • A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> ◦ easting and northing of the drill hole collar ◦ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ◦ dip and azimuth of the hole ◦ down hole length and interception depth ◦ hole length. • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<p>Hole ID Easting Northing mRL Dip Azi(mag) Depth</p> <p>GCHD472 674527 6341312 1,597 -65° 211° 486.3m</p>
Data aggregation methods	<ul style="list-style-type: none"> • In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the 	<ul style="list-style-type: none"> • 0.4% copper cut-off grade with maximum internal dilution of 4m. Minimum intercept length 4m. Calculations are weighted to reflect differing sample lengths where they occur.

Criteria	JORC Code explanation	Commentary
	<p>procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</p> <ul style="list-style-type: none"> The assumptions used for any reporting of metal equivalent values should be clearly stated. 	
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<ul style="list-style-type: none"> Mineralised zones are sub-vertical to steeply east dipping in orientation and with a 58 degree inclination the zone has been intersected at 60 degrees and the true width will be approximately 65% of the reported width.
Diagrams	<ul style="list-style-type: none"> Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> Drill sections, plans and figures are included in the report
Balanced reporting	<ul style="list-style-type: none"> Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> All assay results are set out in the table in the report
Other substantive exploration data	<ul style="list-style-type: none"> Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> Previously reported
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> This hole is the third in a planned program of 5000 metres of core drilling at Copper Hill. The next holes will test previously defined zones to support the 2012-JORC requirements for the next Resource Estimate at Copper Hill.

Compliance Statement. The information in this report that relates to Exploration Results is based on information compiled by Mr. Kim Stanton-Cook, who is a member of the Australian Institute of Geoscientists, is a full-time employee of GCR, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Stanton-Cook consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

