

Cusac Gold Mines Ltd.

Table Mountain Gold Property

Diamond Drilling Report

Volume #2

Appendix E : Diamond Drill Hole Logs

Appendix F : Assay Certificates

Jennie Extension #3 and Cordoba Claims

Liard Mining Division

M104P012 M104P022

461600E, 6563300N

Rory Vein and Hot Vein Extension

2004 Field Season

**Owner/Operator : Cusac Gold Mines Ltd.
911, 470 Granville St., Vancouver, BC., V6C 1V5**

Phone: (604) 682-2421

Fax: (604) 682-7576

Email: info@cusac.com

Prepared By: Michael J. Glover, B.Sc., May 2 ,2005

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-01		
Collar Details			Notes:				Started			May 8, 2004		
Longitude	61803.90	E	Rory : QV - 93.1 to 96.4 : 0.215 oz/t Au over 3.3 m (1.21m TW) , VG				Finished			May 12, 2004		
Latitude	64756.60	N					Logged By:			M.J.Glover		L.C.Hunt
Elevation	1266.68	m ASL					Tests			Depth	Az	Dip
End of Hole	148.50	m					0.0	166.5	-63.0			
Azimuth	166.5						32.9	166.8	-61.7			
Dip	-63.0						93.9	168.0	-62.9			
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	9.00	OB		Overburden	Casing through Overburden							
9.00	12.40	5Ca		Volcanics	wD to locally mD, intense FeOX on fractures, few local quartz veinlets (white) and cherty patches, green to light green to locally buff, no preferred direction of orientation of veinlets, FeOX to 21.2m							
12.40	12.80	5CfBX	CfBX	Cherty Matrix BX	2cm 5CfBx, grey Silica hosts angular mD 5Ca fragments to 10 x 2mm in mD 5Ca, local CBX and grey silica veinlets to 2mm, no preferred direction of orientation, graphitic/pyritic slip @ 40°							
12.80	14.00	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.							
14.00	15.00	5Ca		Volcanics	mD with patches of muddy pyrite to 2cm and fracture filled muddy pyrite to 2mm, lower contact is graphitic/pyritic/siliceous slip @ 55°, 2cm discrete, numerous mm scale clear to grey silica fracture filling on mm scale, very fgr pyrite disseminated							
15.00	17.20	5Ca		Volcanics	wD, locally irregular white Qtz veinlets to 2cm, few muddy pyrite patches							
17.20	21.20	5Ca		Volcanics	mD, local intense crackle breccia, numerous irregular white and grey silica fracture filling, locally weak disseminated very fgr pyrite, end of FeOX staining, lower contact is a weak to moderate fault with gouge @ 15° TCA							
21.20	21.70	5CaiD		Volcanics, IntDol	iD, very fine grained, moderately to locally with spotty medium grained pyrite, light buff over all, moderate mm scale fractures with muddy pyrite, distinct contact with minor clay @ 45° TCA	21.20	21.70	45501	0.50	0.05	0.001	

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
21.70	21.80	QSTR	QSTR	Quartz Stringer	Dirty banded brecciated polyphase, original milky white Qtz with subparallel Quartz-carbonate veinlets, (FeOX stained), discrete contacts, some trace fine grained disseminated pyrite through out, 0.5cm milky white Quartz stringer in hanging wall with trace disseminated pyrite, Quartz stringer @ 45° TCA	21.70	21.80	45502	0.10	0.05	0.001
21.80	23.30	5Ca	FLT	Volcanics	Ground rubbly core with 50% recovery, intensely dolomitized, moderate to intense muddy pyrite on fractures, lost circulation						
23.30	24.00	5Ca		Volcanics	Moderately dolomitized grading downhole to intensely dolomitized, mod pyrite						
24.00	24.70	5CaiD		Volcanics, IntDol	Moderate to locally weak crackle breccia, few milky white irregular quartz veinlets, fine grained disseminated pyrite through out, approaching contact becomes coarser	24.20	24.70	45503	0.50	0.00	0.012
24.70	25.10	QV	QV	Quartz Vein	Milky white Qtz, hanging wall @ 55°, footwall @ 70°, local FeOX, sericite (fine to medium grained), locally vuggy to 2mm, few grey 2nd phase Qtz veinlets @ 70° TCA, medium grained pyrite (0.25%) trace Sph, Tet, FeOX stained carb patches	24.70	25.10	45504	0.40	0.11	0.003
25.10	32.10	5Ca		Volcanics	w - mD, pale greyish green fine grained, numerous muddy pyrite/carbonate veinlets to 0.75cm, no preferred direction of orientation	25.10	25.60	45505	0.50	0.00	0.022
32.10	32.35	QVBX	QVBX	Quartz Vein BX	Upper contact @ 40° TCA, lower contact @ 30° TCA, poly phase Qtz, grey: white is 70:30, local muddy pyritic and grey siliceous matrix hosts white angular fragments to 10 x 7.5cm, fine to medium grained pyrite disseminated to 0.25%	32.10	32.35	45506	0.25	0.00	0.005
32.35	32.60	5Ca		Volcanics	mD fine grained, local muddy pyrite patches to 3cm and fracture fillings, moderate crackle brecciation grades to local intense crackle brecciation						
32.60	36.50	5CfBX	CfBX	Cherty Matrix BX	Grades from intensely fractured iD5Ca with 20% dark grey siliceous fracture filling down hole to 90% silica supported angular and or partially digested iD fragments, upper contact @ 40°, less distinct, very distinct lower contact @ 20°, locally weakly vuggy, minor secondary, milky white stringering is concentrated at lower end of interval, fine grained pyrite associated with wall rock fragments						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
36.50	46.10	5Ca		Volcanics	mD fine grained, (local variations to weak dolomitization associated with less crackle breccia), moderate crackle breccia through out in localized intense crackle breccia associated with pyrite fracture filling, 42.2-42.4, noted tiny (1mm) irregular grey silica blebs (quartz eyes?), note last m of intersection is less crackle brecciated and less altered						
46.10	60.10	5Ce		Cherty Tuff / Tuffaceous chert	Buff to pale grey, aphanitic, crackle brecciated cherty tuff, discrete Fe staining around irregular brittle fractures @ 47.6-47.7 very intensely crackle brecciated, few Qtz/carb veinlets irregularly orientated 49.6-49.9 as above, intensely crackle breccia black matrix surrounding wallrock fragments, upper contact @ 45° TCA, lower contact @ 30° TCA 51.5-51.7 blocky core 51.7-52.4 as above intensely crackle brecciated, black matrix supporting rounded wallrock fragments, upper contact @ 30° TCA, lower contact @ 45° TCA, 55.7-56.4 blocky core, intense FeOX fractures, possible weak fault 56.4-57 several (>5%), 1-5cm irregularly orientated angular Quartz carbonate stringers, trace 2mm subhedral pyrite in wider veinlets						
60.10	60.80	QSTRZ	QSTRZ	Quartz Stringer Zone	60% milky white irregular quartz stringering in pyritic 5Ca, classic iD matrix (grey), average core angle 40° TCA, one 20cm stringer, two 2-5cm fractures in veins Fe Carbonate staining and few partially digested wallrock fragments Mineralization: trace medium grained pyrite proximal to wallrock fragments and stringer salvages, trace sph, tet	60.10	60.80	45507	0.70	0.00	0.011
60.80	65.30	5Ce		Cherty Tuff / Tuffaceous chert	as above						
65.30	68.50	5Ca		Volcanics	wD, wCBX, medium green with FeOX on discrete fractures, few qtz carb veinlets with no preferred direction of orientation						
68.50	69.70	5Ce		Cherty Tuff / Tuffaceous chert	less CBX, slightly greener than above						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
69.70	70.40	QV	QV	Quartz Vein	milky white quartz, +/- 45° TCA, with minor irregular stylolitic wallrock inclusions Mineralization: trace medium grained pyrite associated with inclusions, trace cpy, trace tet	69.70	70.40	45508	0.70	0.00	0.002
70.40	71.80	5Ce		Cherty Tuff / Tuffaceous chert	as above low angle quartz stringers and veinlets	GS-4	0.00	45509	0.00	0.00	0.098
71.80	74.80	5Ca		Volcanics	wD, medium green						
74.80	75.00	FLT	FLT	Fault	Blocky core, leached gouge, no angle TCA available, lower FeOX						
75.00	86.30	5Ca		Volcanics	Medium green, fine grained, local weak CBX, minor irregular white angular qtz and carb veinlets 78.1-78.8 blocky core, iFeOX on fractures						
86.30	86.90	QSTR	QSTR	Quartz Stringer	contacts @ 5° TCA, milky white, slightly banded, locally, weakly vuggy, few iCBX 5 Ca fragments to 4cm						
86.90	89.50	5CaiD		Volcanics, IntDol	iD, iSil, very iCBX, dark grey to black matrix supports subrounded buff iD fragments, minor angular qtz-carbonate fracture filling, muddy pyrite fracture filling, (irregular and angular)						
89.50	91.30	QSTRZ	QSTRZ	Quartz Stringer Zone	30% irregular orientation, milky white qtz and carbonate stringers and veinlets, locally leached and vuggy with open space filling (drusy calcite crystals to 1cm), wall rock as above	90.30	91.30	45510	1.00	0.00	0.008
91.30	93.10	QVBX	QVBX	Quartz Vein BX	60% milky white qtz fragments (irregular angular to rounded) supports or injected into iD5Ca as above, within wall rock fragments up to 20% euhedral pyrite to 0.4cm, very weak contacts noted, 40-45° preferred direction of orientation	91.30	92.20	45511	0.90	0.33	0.010
						92.20	93.10	45512	0.90	0.60	0.017
93.10	96.40	QV	HW	Quartz Vein	RORY VEIN, upper contact 40-45°, lower contact 45°, weakly fractured milky white quartz vein, graphite and muddy pyrite angular fracture fill to 2-3cm, locally stylolitic, weak preferred direction of orientation at 94m 45° TCA, based on included fracturing Mineralization: 0.5 % cpy, 0.5 % pyrite, 0.25% tet, 0.5% sph, patches of cpy and tet with minor sph to 3cm, visible gold 3 specs - 93.6 m, note: cpy and tet up dip, mostly sph down dip, pyrite is concentrated around stylolites as coarse clotty blebs	93.10	93.60	45513	0.50	10.60	0.309
						93.60	94.10	45514	0.50	35.90	1.047
						94.10	94.60	45515	0.50	1.53	0.045
						94.60	95.10	45516	0.50	0.37	0.011
						95.10	95.50	45517	0.40	0.05	0.001
						95.50	95.90	45518	0.40	0.05	0.001
						95.90	96.40	45519	0.50	0.14	0.004

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
96.40	100.80	5Ca		Volcanics	w M, iCBX, iSil, buff to black aphanitic, 15%irregular milky white qtz and carbonate veinlets, weak preferred direction of orientation 45-60°, locally disseminated medium green subhedral pyrite, local clots Mariposite to6mm, drusy calcite to 1cm	96.40	96.90	45520	0.50	0.00	0.005
100.80	101.50	5Ca		Volcanics	Note buff- yellow - green (olive) fine grained, not silicified, w M, wCBX with pale grey silica fracture filling, 3% disseminated fine grained pyrite, 1cm, 45° TCA, upper contact @ 35 ° TCA						
101.50	101.80	QV	QV	Quartz Vein	Upper contact 45 ° TCA , lower contact 40°, milky white moderately fractured, avg PDO 10° TCA, graphite coating on fractures, disseminated coarse grained anhedral pyrite, possible motion on upper contact with secondary dark grey silica over 5cm	101.50	101.80	45521	0.30	0.00	0.001
101.80	102.70	5CaBX	FLT	Volcanics, BX'd	Erratic melange of intensely fractured veining, wall rock fragments as above, dark grey silica hosts vein fragments and possible later graphitic/pyritic slips, slips at 45° TCA, vein fragments angular, milky white fragments to 20mm, near lower contact Note: speaking of 5CfBX but not - chalcedonic, much darker near lower contact drusy Calcium Carbonate, coloform banding carb, w M locally						
102.70	104.90	5CaiD		Volcanics, IntDol	iD, w M, mottled pink - buff color, 6-8% fine grained disseminated pyrite (loaded), maripositic (staining) throughout, weak local preferred direction of orientation 45° TCA						
104.90	107.70	5Ca		Volcanics	Mottled light green and buff in color, fine grained, local drusy calcium carbonate in fractures to 1cm wide, crystals to 0.5cm, fractures moderate preferred direction of orientation 45° TCA, filled with mostly green silica, one fracture hosts pale blue talc to 3mm						
107.70	108.00	QSTR	FLT	Quartz Stringer	Upper contact discrete 30°, grey silica with vugs to 1cm, possible motion, lower contact is marked by qtz carb injection, lower contact indiscrete quartz carbonate stringer is primarily white qtz with quartz carbonate - 60/40, locally vuggy with partially digested black silica and chloritic fragments, finely disseminated pyrite associated with fragment salvages						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
108.00	110.40	5Ca		Volcanics	Medium grey -green , mottled competent, few dolomite altered fracture fillings and few grey siliceous fracture fillings, mm scale, w-m D toward lower contact						
110.40	110.70	5CfBX	CfBX	Cherty Matrix BX	Upper contact discrete 30°, large vugs with drusy calcium carbonate to 2cm, lower contact discrete 30°						
110.70	115.80	5Ca		Volcanics	wD, fine grained medium green-grey, few quartz carbonate veinlets to 2cm, average 1cm vuggy, weak preferred direction of orientation of veinlets 15° TCA with localized CBX						
115.80	116.20	5CaBX	BX	Volcanics, BX'd	Upper and lower contacts moderately discrete 45° TCA, medium green -grey, matrix hosts m-iD angular fragments						
116.20	118.10	5Ca		Volcanics	As above						
118.10	118.90	5CaID		Volcanics, IntDol	iD, mCBX, pale buff with a few grey siliceous veinlets and few quartz carbonate veinlets to 2mm, no preferred direction of orientation, local green sericite in patches to 3mm						
118.90	119.10	5CaID	FLT	Volcanics, IntDol	iD5Ca, local massive muddy pyrite patches to 5cm, finely disseminated pyrite throughout to 8%, 3cm discrete quartz-white and grey, muddy pyrite banded slip at 40°, vuggy with very fine drusy quartz lining						
119.10	128.60	5CaBX	BX	Volcanics, BX'd	iD, m-local iCBX, wSe, few irregular snow white quartz veinlets to 8cm with black siliceous inclusions, mostly digested with a few clots of green sericite irregular, to 2cm in quartz veinlets, local patches of muddy pyrite irregular, to 3cm, Numerous localized zones of iCBX - black siliceous matrix hosting iD w-mCBX fragments rounded to angular, Note: especially black matrix 5CaBx fragments are much smaller (mylonitic), Zone of 5CaBx 119.1-128.6						
128.60	131.70	QVBX	QVBX	Quartz Vein BX	Upper contact 20°, lower contact 10-15° TCA, mostly white quartz fragments , angular and rounded hosted by grey quartz, some dark grey siliceous fragments, few black, pyritic, angular and rounded fragments and few iD5Ca fragments (wall rock) Mineralization: Trace fine disseminated pyrite throughout both white and grey quartz	128.60	129.10	45522	0.50	0.00	0.005
						129.10	129.60	45523	0.50	0.00	0.002
						129.60	130.20	45524	0.60	0.00	0.001
						130.20	130.70	45525	0.50	0.00	0.001
						130.70	131.20	45526	0.50	0.00	0.001
						131.20	131.70	45527	0.50	0.00	0.001
						GS-9	0.00	45528	0.00	0.00	0.046

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-02			
Collar Details				Notes:				Started		May 12, 2004					
Longitude		61803.90 E		Rory : QSTRZ - 74.7 to 79.1 : 0.038 oz/t Au over 4.4 m (2.37m TW) , mgr py, cpy				Finished		May 16, 2004					
Latitude		64756.60 N						Logged By:		L.C.Hunt		M.J.Glover			
Elevation		1266.68 m ASL						Tests		Depth		Az		Dip	
End of Hole		164.20 m						0.0		166.5		-45.0			
Azimuth		166.5													
Dip		-45.0													
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	15.40	OB		Overburden	Casing through Overburden										
15.40	16.40	5Ca		Volcanics	mD, m-iCBX, trace Mariposite										
16.40	16.60	5CaiD		Volcanics, IntDol	last 20cm grades to iD, lower contact 45° tca with quartz stringers										
16.60	16.85	QSTR	QSTR	Quartz Stringer	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matirx.	16.60	16.85	45530	0.25	0.29	0.008				
16.85	36.30	5Ca		Volcanics	16.85-25.9 m - wD, local w -mCBX, few quartz carb veinlets 45-60° tca, iD halos, 25.9-28.1 5Ca, wD, 28.1-29.1 m - iD, with disseminated py 29.1-32.1 5Ca, wD 32.1-33.4 m - iD, m - iCBX, at low angle, 5cm pale green/wht chalcedonic veinlets sub parallel TCA, possibly 5CfBx? 33.4-35.5 wD 35.5-36.3 m - iD, m - i CBX towards contact.										
36.30	37.00	QV	QV	Quartz Vein	moderately fractured, FeOx, milky wht upper contact at 40° TCA, 10% irregular wallrock inclusions, moderately vuggy-vugs to 2 cm, few graphitic stylolites, Sericitic clots to 0.5cm, irregular, footwall contact irregular	36.30	37.00	45531	0.70	0.95	0.028				
37.00	39.30	5CaiD		Volcanics, IntDol	iD classic, iCBX, few qtz veinlets to 2cm, Trace Mariposite as 1mm blebs										
39.30	42.40	5Ca		Volcanics	wD										
42.40	42.95	5CaiD		Volcanics, IntDol	iCBX										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
42.95	43.25	5CfBX	CfBX	Cherty Matrix BX	upper and lower contact at 45° TCA, discrete grey chalcedonic matrix hosts qtz and wallrock fragments of various sizes from mm to 2cm, angular vugs to 2 cm, at lower contact patches of muddy pyritic, no sulphides otherwise						
43.25	46.50	5Ca		Volcanics	mD, mod-local iCBX						
46.50	46.55	5CfBX	CfBX	Cherty Matrix BX	25° TCA, pale grey - wht chalcedonic matrix hosts mostly digested wallrock fragments, some dark grey chalcedonic matrix upper contact vuggy with FeOx, and carbonate filled vugs, muddy pyrite patches and fgr-mgr pyrite near lower contact						
46.55	52.70	5Ca		Volcanics	mD, mod-local iCBX, few wht qtz carbonate veinlets, moderate preferred direction of orientation at 45° TCA						
52.70	52.75	5CfBX	CfBX	Cherty Matrix BX	10° TCA, dark grey chalcedonic matrix hosts iCBX, mD wall rock fragments, intensely vuggy drusy carbonate to 0.4cm, intensely FeOx						
52.75	53.10	5CaBX	FLT	Volcanics, BX'd	blocky, very rubbly core						
53.10	54.30	5Ca		Volcanics	mD, wCBX, few grey silica veinlets						
54.30	55.50	5CaBX	BX	Volcanics, BX'd	upper contact at 25° TCA, marked by graphitic slip, iG, muddy pyrite filled fractures, blackish/green matrix hosts mD fragments- round and angular, numerous black/green filled fractures, 2mm, no preferred direction of orientation chaotic, local vugs with intense FeOX, fgr drusy carbonate, lower contact marked by wht qtz veinlet, 2cm at 45° TCA						
55.50	59.20	5CaiD		Volcanics, IntDol	classic, pyrite to 3%. Upper contact iCBX, almost 5CaBx grades towards m-wCBX, wMariposite as 1-2mm rounded blebs						
59.20	60.50	5Ca		Volcanics	1-2cm wht carbonate veinlets parallel TCA, intensely vuggy, with angular wall rock fragments, intense FeOX, lower portion of unit mD						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
60.50	60.95	QV	QV	Quartz Vein	upper contact indistinct, lower contact brecciated at 40° TCA, wht qtz with locally grey qtz matrix hosting wht qtz fragments, wht qtz has numerous muddy pyrite/graphite filled fractures and few digested pyritic, CBX wall rock fragments. Core mismatch, note lower 7cm of vein- dark grey silica hosts wht qtz fragments and wall rock fragments, Tr mgr pyrite disseminated especially near stylolites	60.50	60.95	45532	0.45	0.68	0.020
60.95	62.80	5Ca		Volcanics	mD, iCBX, few qtz carbonate veinlets, no preferred direction of orientation						
62.80	65.00	5Ca		Volcanics	mD, wM, intense FeOX veinlets, few qtz carbonate veinlets no sulphides						
65.00	65.30	5CaBX	FLT	Volcanics, BX'd	Note: its not 5CfBx. Wht qtz/siliceous, vuggy matrix hosts wD 5Ca fragments angular to 2cm, drusy carbonate to 2cm						
65.30	68.70	5Ca		Volcanics	mD, wMariposite, mCBX, local iCBX, numerous barren wht qtz carbonate veinlets no preferred direction of orientation, near lower end of unit, intense FeOX						
68.70	69.30	5CfBX	CfBX	Cherty Matrix BX	sub parallel TCA, 5cm wide as for 52.7-52.75						
69.30	74.70	5Ca		Volcanics	mD - locally iD, m - locally iCBX, few qtz veinlets (grey) non minerals	74.20	74.70	45663	0.50	0.52	0.015
74.70	79.10	QSTRZ	HW	Quartz Stringer Zone	mostly iD 5Ca, wM, wSe. Hosts 15% wht/creamy qtz carbonate veinlets average angle to core axis 50°(40-70) Stringers 10-15cm, veinlets 1-3cm some weak stock work, 10cm wide zones, inclusions of wallrock are relatively fresh, angular, intense FeOX on fractured planes Mineralization: m-cgr pyrite often concentrated on stringer/veinlet selvages but also disseminated throughout, veinlet at 73.15° 1cm with one coarse grain of cpy	74.70	74.85	45533	0.15	<0.05	0.001
						74.85	75.70	45664	0.85	0.26	0.008
						75.70	76.50	45665	0.80	3.14	0.092
						76.50	77.40	45666	0.90	2.02	0.059
						77.40	78.20	45667	0.80	0.49	0.014
						78.20	79.00	45668	0.80	0.42	0.012
79.00	79.10	45534	0.10	4.80	0.140						
79.10	88.80	5Ca		Volcanics	mD, m - locally iCBX, few wht qtz veinlets no preferred direction of orientation	79.10	79.60	45669	0.50	0.53	0.015
						GS-7	0.00	45670	0.00	5.25	0.153

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
88.80	89.60	QSTWK	QSTWK	Quartz Stockwork	upper contact at 40° TCA, lower contact vague, iD, iCBX 5Ca hosts, 15% wht qtz veinlets no preferred direction of orientation some qtz veinlets host angular fragments of wall rock Mineralization: Trace f-mgr, py disseminated, Trace mgr sph, Trace mgr cpy	88.80	89.60	45535	0.80	0.78	0.023
89.60	101.10	5Ca		Volcanics	mD, w to local iCBX, wMariposite, CBX grades to weak towards lower contact 94.85 3cm wht/creamy/grey chalcedonic fracture filled at 40° TCA						
101.10	101.40	QV	QV	Quartz Vein	upper contact at 25° TCA, lower contact at 30° TCA, wht qtz with muddy pyritic/graphite filled fractures, some 2nd qtz (grey) patches appear to be concentrated near center of vein with intense stylolites Mineralization: f-mgr py disseminated throughout- 0.25% Trace mgr cpy	101.10	101.40	45536	0.30	2.34	0.068
101.40	102.10	5CaiD		Volcanics, IntDol	iD to 102.1 grades quickly to wD						
102.10	115.40	5Ca		Volcanics	106.4-107.1 m - iK 107.1-113.3 mD, w - local iCBX, local iD with no apparent structure, wMariposite as blebs to 2mm 113.3-113.4 wht qtz stringers at 45° TCA, ground core FLT?						
115.40	115.50	5CfBX	CfBX	Cherty Matrix BX	At 30° TCA 2cm grey chalcedonic hosts mostly rounded wallrock fragments, vuggy vugs to 2mm-2cm, just above the 5CfBx is a 2 cm qtz veinlet with muddy pyrite/graphitic selvages. There is a later movement on 5 CfBX, lower chunk of 5CfBx leak up into qtz stringer	115.40	115.50	45537	0.10	0.07	0.002
115.50	117.75	5CaiD		Volcanics, IntDol	iD, w - local mMariposite in patches, mm scale, some qtz carbonate stringers with mgr pyrite average of 1-3cm, locally vuggy with drusy carbonate to 0.5cm	117.40	117.75	45671	0.35	0.44	0.013
117.75	118.10	QVBX	QVBX	Quartz Vein BX	upper contact at 30°, lower contact at 40° TCA. Upper 20cm is QVBX with grey qtz hosting wht qtz and iD wall rock fragments from mm scale to 1-2cm, angular Mineralization: Trace f-mgr pyrite disseminated in upper QVBX, 0.5% mgr pyrite in lower QV	117.75	118.10	45538	0.35	0.14	0.004
118.10	119.40	5CaiD		Volcanics, IntDol	m - locally iMariposite, w - locally iCBX	118.10	118.50	45672	0.40	1.90	0.055
						118.50	118.90	45673	0.40	0.30	0.009
						118.90	119.40	45674	0.50	0.32	0.009

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-03			
Collar Details				Notes:				Started		May 16, 2004					
Longitude		61803.90 E						Finished		May 18, 2004					
Latitude		64756.60 N						Logged By:		L.C.Hunt					
Elevation		1266.68 m ASL						Tests		Depth		Az		Dip	
End of Hole		151.20 m								0.0		197.0		-57.0	
Azimuth		197.0								67.1		197.0		-58.1	
Dip		-57.0								128.0		199.0		-58.4	
Depth		Lith.								AU	AU				
From	To	Code	Struc	Lithology	Description	From	To	Sample	Width	g/tonne	oz/t				
0.00	13.20	OB		Overburden	Casing through Overburden										
13.20	17.90	5Ca		Volcanics	Weakly to moderately dolomitized intense Fe oxide										
17.90	23.30	5CaiD		Volcanics, IntDol	Intensely dolomitized (classic) still increased Feoxide, local iCBX.										
23.30	24.00	QV	QV	Quartz Vein	'@ 60-80TCA. Q and iD fragments and minor QCa strcs and QCa frags in grey chalc matirx.	23.30	24.00	45540	0.70	0.22	0.006				
24.00	29.90	5CaiD		Volcanics, IntDol	24.0-25.5 classic iD some local iCBX wM near contact with vein.										
29.90	30.00	5CfBX	CfBX	Cherty Matrix BX	15° tca, intensely pyritic grey chalcedonic matrix with angular iD frags, and very few quartz carbonate frags, fragments are discrete and both angular and rounded 2mm bands of chalcedonic pyrite (muddy) with no frags near salvages as noted in 04MM-01.										
30.00	33.00	5CaiD		Volcanics, IntDol	iD grades typically to wD by 33.0m										
33.00	36.70	5Ca		Volcanics	wD few local graphite fractures. No preferred direction of orientation. 35.3-36.7 m-local iD, m-local iCBX, iCBX zones usually have muddy pyrite patches to 2cm										
36.70	38.00	5CaBX	BX	Volcanics, BX'd	mD mCBX grades quickly to iCBX with m and iD 5Ca frags in graphitic matrix										
38.00	43.60	5Ca		Volcanics	wD, few white quartz carbonate veinlets no preferred direction of orientation. 39.4-42.3 wD, iSi, cherty tuffs, medium grey green, apparent silicious beds. Average 5-10cm in wSi beds. 42.3-43.6 mottled grey green / buff texture. Grades into 5caBx										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
43.60	43.70	QSTR	QSTR	Quartz Stringer	white to cream, discrete contact at 45° tca. (note should be able to coorelate with hole 1 and or 2.) Graphitic chalcedonic stylolites						
43.70	45.30	5CaBX	BX	Volcanics, BX'd	as above mottled grey green with w-mD 5Ca frags from several cm to mm scale						
45.30	46.20	5CfBX	CfBX	Cherty Matrix BX	upper contact 15° tca, lower contact indiscrete. Upper contact is marked by a 1cm classic dark grey chalcedonic band hosting iD wall rock frags, majority of unit is medium grey chalcedonic matrix- 10%, hosting mostly 5Ca iD frags mostly discrete frags at 45.8 - White vuggy Qtz vein, well rounded frags average 2x3 cm up to 5x3 cm, Set in iD 5Ca weakly chalcedonic matrix, Qtz frags : matrix - 60:40. Mineralization: trace disseminated pyrite within qtz frags.	45.80	46.20	45541	0.40	<0.05	0.001
46.20	47.00	5CaiD		Volcanics, IntDol	iD , m - local iCBX						
47.00	47.20	5CfBX	CfBX	Cherty Matrix BX	not classic - pale grey/whitish chalcedonic matrix hosts, both well digested and discrete wallrock fragments to 3cm, 5-10° TCA, vuggy with vugs to 2 - 3cm, drusy FeOx calcite, f - cgr						
47.20	47.90	5CaiD		Volcanics, IntDol	iD						
47.90	48.30	5CaBX	BX	Volcanics, BX'd	mD, angular fragments in graphitic siliceous matrix, upper contact is marked by a 1cm band 5CeBx (classic)						
48.30	61.00	5Ca		Volcanics	relatively massive, wD to unaltered medium green, 5Ca, few grey graphitic/siliceous fracture grades to very siliceous medium green (cherty tuffs) towards lower contact						
61.00	64.40	5CaBX	BX	Volcanics, BX'd	w - mD 5Ca fragments are hosted in a graphitic siliceous matrix, few qtz/carbonate veinlets, no sulphides, no preferred direction of orientation, lower contact is marked by a graphitic slip at 15° TCA with a band of intensely pyritic/siliceous black matrix hosting, mm scale fragments of 5Ca and qtz, 2cm barren qtz veinlets at contact						
64.40	64.55	QSTR	QSTR	Quartz Stringer	30° TCA, wht qtz, few well digested fragments Mineralization: Trace disseminated pyrite	64.40	64.55	45542	0.15	0.16	0.005

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
64.55	71.20	5Ca		Volcanics	mD, m - iCBX, few barren qtz/carbonate veinlets sub parallel TCA, local iD zones near veinlets, weak foliation developed at 67.0m at 45° TCA						
71.20	81.20	5Ca		Volcanics	71.2-80.8 wD, local iCBX, few qtz/carbonate veinlets, no sulphides, no preferred direction of orientation 80.8-81.2 rubbly core, mD, numerous qtz/carbonate veinlets, w - m clay on some fractures						
81.20	81.30	QVBX	QVBX	Quartz Vein BX	looks like a qtz veinlet caught up in a fault. Some qtz veinlet pieces have digested 5Ca fragments. Qtz is 30% of unit. Many graphitic muddy pyritic filled fractures. Vuggy with vugs to 1cm Mineralization: fgr disseminated pyrite in qtz veinlet pieces	81.20	81.30	45543	0.10	0.35	0.010
81.30	82.10	5Ca		Volcanics	mD - yellow/buff in color, numerous 1cm bands with iCBX, light blue clay filled fractures						
82.10	82.20	QSTR	QSTR	Quartz Stringer	15° TCA, wht qtz carbonate patches, vuggy fractures Mineralization: mgr pyritic, disseminated throughout, 1-2%	82.10	82.20	45544	0.10	<0.05	0.001
82.20	84.50	5Ca		Volcanics	mD, intense clay filled fractures, muddy pyritic/graphite filled fractures						
84.50	86.00	5CaiD		Volcanics, IntDol	patches of muddy pyrite 3-4cm, note broken core 85.8-86.0, intense clay in fracture						
86.00	88.95	5Ca		Volcanics	86.0-88.6 w - mD, m clay pervasive, relatively little CBX - wCBX 88.6-88.95 iD - classic						
88.95	89.30	5Cd		Argillaceous Chert	upper & lower contacts at 40° TCA marked by a 3cm qtz veinlet, snow white, no sulphides, few chloritic (sericitic?) clots, few graphitic fragments (mm scale) black fgr massive, intensively pyritic with fgr pyrite to 10% disseminated throughout						
89.30	89.40	5CfBX	CfBX	Cherty Matrix BX	Not classic, matrix is pale siliceous/pyritic hosting mD (yellow) angular fragments mm scale to 3cm -1cm						
89.40	93.30	5Ca		Volcanics	mD (yellow) - to local iD, numerous qtz/carbonate veinlets at 92.3, grey qtz/muddy pyritic carbonate filled fractures at 75° TCA with 3-4cm 5CaBx, pyrite is fractured controlled, local vugs mm to 3 mm scale						
93.30	94.60	5CaiD		Volcanics, IntDol	iD classic						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-04			
Collar Details				Notes:				Started		May 18, 2004					
Longitude		61803.90 E		Rory : QV - 65.6 to 68.9 : 0.449 oz/t Au over 3.3 m (1.99m TW) , mgr py				Finished		May 21, 2004					
Latitude		64756.60 N						Logged By:		L.C.Hunt					
Elevation		1266.68 m ASL						Tests		Depth		Az		Dip	
End of Hole		175.00 m								0.0		147.0		-58.0	
Azimuth		147.0								51.8		148.0		-59.1	
Dip		-58.0								112.8		152.0		-60.8	
										173.8		153.0		-61.9	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	15.90	OB		Overburden	casing through overburden										
15.90	26.20	5CaID		Volcanics, IntDol	iD, few mD patches, iFeOx staining, very few barren qtz/carbonate veinlets no preferred direction of orientation										
26.20	26.40	QSTR	QSTR	Quartz Stringer	upper contact at 40° TCA, lower contact indiscrete, white qtz with numerous FeOx, sericite filled fractures, 1-2mm Mineralization: Trace pyrite disseminated throughout, fgr	26.20	26.40	45545	0.20	0.09	0.003				
26.40	35.30	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matirx.										
35.30	35.50	5CaID		Volcanics, IntDol	iD (classic)										
35.50	35.90	5CfBX	CfBX	Cherty Matrix BX	upper contact at 85° TCA, 2cm dk grey chalcedonic matrix hosts wallrock angular fragments, some mm size qtz veinlets fragments (rounded) 35.7-35.8 a light grey buff colored chalcedonic matrix hosts all wallrock fragments angular, at the lower contact is another 2cm band of dk grey chalcedonic hosting wallrock (angular) fragments at 85° TCA										
35.90	49.10	5Ca		Volcanics	mD with few 10-20cm zones of iD grades to wD 40.4-46.1 wD to unaltered 46.1-49.1 mD (yellow) with local iCBX patches, few patches of muddy pyrite associated with graphitic/siliceous fractures 1-2 mm, no preferred direction of orientation										
49.10	49.20	5Ca	FLT	Volcanics	rubbly core, fault, iCBX 0.2m halo										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
49.20	57.70	5Ca		Volcanics	mD, iCBX, grades m - wD Note at 61.0 and 61.4 - two qtz/carbonate veinlets at 10-20° TCA with muddy pyritic patches to 1%, not typical ore pyrite, veinlets are 1cm wide, 5Ca on hanging wall and footwall is mgr, 5Ca is mostly mD with local iCBX grading to mCBX until 54.0 54.0-57.7 iCBX, with local 5-10cm 5CaBx texture						
57.70	58.90	QSTRZ	QSTRZ	Quartz Stringer Zone	15% qtz stringers average 45° TCA hosted by iCBX, mD 5Ca with local iD patches at veinlet selvages Mineralization: f-mgr pyrite disseminated in veinlets to 1%, Trace cpy, Trace sph in qtz veinlets	57.70	58.10	45546	0.40	0.84	0.024
						58.10	58.90	45547	0.80	1.12	0.033
58.90	63.50	5Ca		Volcanics	mD, iCBX, few qtz/carbonate veinlets, no preferred direction of orientation, no sulphides						
63.50	65.20	5CaiD		Volcanics, IntDol	iD classic 10-15% cgr euhedral pyrite disseminated	64.70	65.20	45548	0.50	0.20	0.006
65.20	65.35	QSTR	QSTR	Quartz Stringer	Qstr at 45° tca - 2 veinlets white qtz creamy carbonate, med - course grained pyrite in qtz and especially on selvages 1 - 3cm secondary veinlets followed by 4cm with iD 5Ca angular fragments to 1cm, trace fine grained pyrite disseminated and mgr pyrite at fragment selvages	65.20	65.35	45549	0.15	0.23	0.007
65.35	65.60	5CaiD		Volcanics, IntDol	f to cgr pyrite, euhedral in 5Ca, few 2 - 3 mm barren quartz carbonate veinlets at 45° tca	65.35	65.60	45550	0.25	0.13	0.004
65.60	66.10	QV	HW	Quartz Vein	Rory Vein upper contact at 45° TCA, lower contact vague, white qtz with FeOX creamy filled fractures, few well digested 5Ca frags, f-mgr pyrite disseminated to 0.25%	65.60	66.10	45551	0.50	0.07	0.002
66.10	66.40	5CaiD		Volcanics, IntDol	classic. rubbly core, iFeOX fracture	66.10	66.40	45552	0.30	0.54	0.016
66.40	66.90	QV	QV	Quartz Vein	upper contact at 5° TCA, lower contact not available. White qtz, numerous FeOX fractures and pyritic fracture fillings, vuggy with vugs to 2m x 1cm Mineralization: m - cgr pyrite in patch to 3cm, 3%	66.40	66.90	45553	0.50	96.10	2.803
66.90	67.90	QSTRZ	QSTRZ	Quartz Stringer Zone	Qtz 15%, no preferred direction of orientation, hosted in iD, wM, iCBX Mineralization: Trace fgr pyrite, in qtz/carbonate stringer/veinlets	66.90	67.90	45554	1.00	0.36	0.010
67.90	68.90	QV	QV	Quartz Vein	Upper contact at 30° TCA, discrete, lower contact	67.90	68.40	45555	0.50	4.19	0.122

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					indiscrete, white qtz with intense FeOX staining few carbonate filled fractures, few mm scale vugs, bottom 10cm is grey qtz with few digested 5Ca fragments with marked change to grey qtz at 30° TCA Mineralization: 68.4-68.9 Trace fgr pyrite disseminated and few muddy pyrite filled fractures, 1-2mm, some muddy pyritic irregular patches to 0.5cm	68.40	68.90	45556	0.50	0.30	0.009
68.90	69.40	5CaID		Volcanics, IntDol	iD, iSil with grey qtz flooding (QVBX?) locally Qtz veinlet parallel TCA, no sulphides in veinlet, veinlet leads into grey qtz flooding, 5Ca grades to mD by end of sample Mineralization: intense fgr pyrite associated with qtz flooding (not ore pyrite)	68.90	69.40	45557	0.50	0.24	0.007
69.40	74.30	5Ca		Volcanics	mD, mCBX - local iCBX buff - light green, at 70.4, 1-2cm light green clay filled fracture parallel TCA 70.4-71.0 intense clay (pervasive) 71.0-74.3 m - local I D, m - local iCBX						
74.30	77.00	5CaID		Volcanics, IntDol	iD classic, wM, as 1mm - 2mm blebs, iFeOX on fractures						
77.00	79.20	5Ca		Volcanics	mD, m - iCBX						
79.20	79.40	5CaID		Volcanics, IntDol	iD, wM						
79.40	82.60	QSTRZ	QSTRZ	Quartz Stringer Zone	upper contact marked by 1cm band of 5CfBx at 25°TCA, 20% qtz/carbonate veinlets in iD, wM, stringers and veinlets 1cm to 0.2m width, some partly digested, iD5Ca fragments 80.9-81.1 qtz stringer Mineralization: 80.9-81.1 f-mgr pyrite to 0.5% in qtz and fragments selvages, muddy pyritic stylolites	80.90	81.10	45558	0.20	8.50	0.248
82.60	84.50	QV	QV	Quartz Vein	upper contact vague at 25° to core axis? White qtz (snow white) weakly vuggy with drusy qtz veinlets, few angular wallrock fragments in upper 20cm, lower contact discrete at 45° to core axis Mineralization: Sulphides concentrated at 83.5 to 10cm of Vein where majority of sulphides occur, 0.5% sph, trace pyrite (mgr), tr tet, trace cpy, m - cgr pyrite in lower 0.7 of vein	82.60	83.10	45559	0.50	0.05	0.001
						83.10	83.50	45560	0.40	<0.05	0.001
						83.50	84.25	45561	0.75	0.79	0.023
						84.25	84.50	45562	0.25	0.08	0.002

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
84.50	90.80	5Ca		Volcanics	m - local iD, m - local iCBX, few qtz/carbonate veinlets with graphitic fragments and mostly digested 5Ca fragments						
90.80	90.90	QSTR	FLT	Quartz Stringer	at 45° TCA, white qtz banded with clear qtz, mm scale, 2cm grey chalcedonic matrix hosts white qtz fragments (banded with clear qtz veinlets, black (graphitic?) filled fractures near upper contact						
90.90	97.60	5Ca		Volcanics	wD, w - local m clay (pervasive) 92.0-93.3 Intense clay pervasive, lower contact marked by graphitic slip with buff cherty tuff band and chloritic fractures. 93.3-97.6 wD - unaltered medium green						
97.60	98.50	5CaiD		Volcanics, IntDol	iD (yellow), 40% very fgr and muddy pyrite, wM in blebs to 2-3mm, lower veinlet of 5CfBx at 98.0 (typical 5CfBx)						
98.50	100.20	5Ca		Volcanics	98.5-99.0 mD, intense clay (pervasive) 99.0-100.2 wD						
100.20	100.60	5CaiD		Volcanics, IntDol	iD5Ca						
100.60	107.20	5Ca		Volcanics	100.6-104.3 wD 104.3-107.2 mD, localized foliation at 30° TCA						
107.20	108.10	5CaiD		Volcanics, IntDol	iD, mM, some qtz/carbonate with no sulphides.						
108.10	108.20	QSTR	QSTR	Quartz Stringer	45° TCA, white/grey qtz with numerous graphitic/pyrite fractures, large iD 5Ca fragments with Mariposite as flecks 2x1cm Mineralization: 5-7% fgr pyrite throughout	108.10	108.20	45563	0.10	<0.05	0.001
108.20	109.10	5CaiD		Volcanics, IntDol	iD, mM						
109.10	112.90	5Ca		Volcanics	wD 111.9-112.9 mD						
112.90	128.90	5CaiD		Volcanics, IntDol	iD, mM relatively massive 120.6-128.9 iD5Ca, wM with few barren white qtz veinlets, 2cm-0.1m at 10-15° TCA some with wallrock fragments, very intensely pyritized iD5Ca						
128.90	129.10	QSTR	QSTR	Quartz Stringer	at 40° TCA, discrete white qtz, graphitic/siliceous stylolitic fractures, mm scale, weakly vuggy with drusy qtz Mineralization: fgr pyrite disseminated through out to 0.25%	128.90	129.10	45564	0.20	0.59	0.017

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
129.10	129.40	5CaiD		Volcanics, IntDol	iD, classic						
129.40	129.85	QV	QV	Quartz Vein	at 40° TCA, discrete white qtz some grey qtz along fractures and lower contact. Few iD fragments, angular	129.40	129.85	45565	0.45	1.98	0.058
129.85	131.70	5CaiD		Volcanics, IntDol	iD, iCBX at upper contact with vein						
131.70	132.70	QV	QV	Quartz Vein	relatively parallel TCA lower contact at 40° TCA, massive, snowy white qtz, few mm scale vugs, fgr drusy qtz, muddy pyrite/grey qtz fractures sub parallel TCA Mineralization: Trace mgr pyrite disseminated and occasionally in stylolitic fractures	131.70	132.10	45566	0.40	0.11	0.003
						132.10	132.70	45567	0.60	<0.05	0.001
132.70	135.00	QSTRZ	QSTRZ	Quartz Stringer Zone	30% qtz/carbonate stringers, average 15cm, 20-40° TCA, white qtz, vuggy with fgr drusy qtz, few angular wallrock fragments Mineralization: f-mgr pyrite disseminated throughout mostly near veinlet selvages, Trace sulphides near lower contact of zone	132.70	133.10	45568	0.40	0.45	0.013
						133.10	133.60	45569	0.50	0.89	0.026
						133.60	134.10	45570	0.50	2.45	0.071
						134.10	134.75	45571	0.65	1.13	0.033
						134.75	135.00	45572	0.25	0.60	0.017
135.00	155.60	5CaiD		Volcanics, IntDol	iD classic , very weak M at 150.2						
155.60	155.70	5CfBX	CfBX	Cherty Matrix BX	20° TCA discrete, dk grey chalcedonic hosts qtz vein fragments, no sulphides, majority qtz vein fragments Mineralization: fgr and muddy pyrite in chalcedonic matrix	155.60	155.70	45573	0.10	1.08	0.031
155.70	156.60	5CaiD		Volcanics, IntDol	5CaiD						
156.60	156.80	5CfBX	CfBX	Cherty Matrix BX	contact very discrete at 25° TCA, Dk grey chalcedonic matrix hosts mm to 1cm fragments of angular wallrock and qtz vein, this 5CfBx forms an irregular band through the center of larger rounded qtz vein fragments. clay and graphite on qtz fragment selvages. Mineralization: Trace fgr pyrite in qtz veinlet fragments, muddy and fgr pyrite on selvages	156.60	156.80	45574	0.20	0.09	0.003
156.80	159.30	5CaiD		Volcanics, IntDol	iD classic						
159.30	162.20	5Ca		Volcanics	mD, wCBX						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-05			
Collar Details				Notes:				Started		May 21, 2004					
Longitude		61803.90 E		Rory : QSTRZ - 64.1 to 71.6 : 0.033 oz/t Au over 7.5 m (4.66m TW) , mgr py				Finished		May 23, 2004					
Latitude		64756.60 N						Logged By:		L.C.Hunt					
Elevation		1266.68 m ASL						Tests		Depth		Az		Dip	
End of Hole		162.80 m						0.0		151.0		-54.0			
Azimuth		151.0						42.4		151.0		-54.5			
Dip		-54.0						103.3		153.3		-55.4			
								161.3		156.0		-56.0			
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	12.00	OB		Overburden	Casing through Overburden										
12.00	14.70	5CaID		Volcanics, IntDol	iD, iFeOx										
14.70	18.00	5Ca		Volcanics	w - mD, iFeOx										
18.00	20.10	5CaID		Volcanics, IntDol	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
20.10	20.40	QV	QV	Quartz Vein	upper contact at 25° TCA, lower contact indiscrete, white qtz, few iFeOx iD fragments near upper contact Mineralization:mgr py, tet, cpy, trace M disseminated in qtz	20.10	20.40	45575	0.30	0.96	0.028				
20.40	24.50	5CaID		Volcanics, IntDol	iD5Ca, classic, w clay										
24.50	26.40	5Ca		Volcanics	wD, upper contact (qtz stringer barren - 25.3 - 25.4)										
26.40	27.20	5CaID		Volcanics, IntDol	iD5Ca, blue caly clots and fracture filling, m clay										
27.20	28.80	5Ca		Volcanics	mD, m clay										
28.80	31.60	5CaID		Volcanics, IntDol	iD5Ca, classic										
31.60	40.80	5Ca		Volcanics	wD, m clay 36.5 - 40.8 wD wD iFeOx										
40.80	41.80	FLT	FLT	Fault	0.6m vug, iK gouge, iFeOx, iD5Ca, 5CaBx										
41.80	42.10	5CaBX	BX	Volcanics, BX'd	iD, iCBX, mFeOx										
42.10	42.50	5CaID		Volcanics, IntDol	classic iD										
42.50	47.50	5Ca		Volcanics	42.5 - 43.6 mD 43.6 - 45.6 mD-wD, dark green 45.6 - 47.5 mD, iCBX, iFeOx										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
47.50	49.10	5CaiD		Volcanics, IntDol	iD, iCBX, few barren Qtz carbonate veinlets, no preferred direction of orientation, 1 - 3 cm						
49.10	49.20	5CfBX	CfBX	Cherty Matrix BX	3 cm, classic CfBX at 30° TCA						
49.20	49.70	QSTWK	QSTWK	Quartz Stockwork	40% irregular qtz carbonate veinlets with few graphitic stylolitic fractures Mineralization: trace medium grained pyrite disseminated in qtz especially at veinlet salvages.	49.20	49.70	45584	0.50	0.07	0.002
49.70	60.35	5CaiD		Volcanics, IntDol	iD, m - local iCBX, few barren qtz veinlets, mm to 6cm, at 30° TCA, up to 30 - 50% disseminated pyrite locally						
60.35	60.45	QSTR	QSTR	Quartz Stringer	white qtz, blue-greenish talc stringer Mineralization: medium to coarse grained anhedral pyrite disseminated throughout to 1%	60.35	60.45	45585	0.10	0.82	0.024
60.45	64.10	5CaiD		Volcanics, IntDol	iD, classic as above, up to 20 - 30% pyrite						
64.10	67.00	QSTRZ	HW	Quartz Stringer Zone	64.1 - 64.4 white qtz, with iD5Ca frags partially digested, some Fe-Carb patches, weakly vuggy QSTRZ is 25% qtz carbonate stringers, average preferred direction of orientation 60° TCA, some stringers have iD5Ca frags partially digested, most stringers have mm scale dark grey silica veinlets cross cutting, vuggy with increased FeOX qtz crystals iD5Ca host has intense pyrite, m - cgr, disseminated throughout Mineralization: 64.1 - 64.5 m - cgr py disseminated especially at vein contact at 5° TCA	64.10	64.50	45586	0.40	0.22	0.006
						64.50	65.00	45676	0.50	0.37	0.011
						65.00	65.50	45677	0.50	0.27	0.008
						65.50	66.00	45678	0.50	6.76	0.197
						66.00	66.50	45679	0.50	0.39	0.011
						66.50	67.00	45681	0.50	<0.05	0.001
67.00	67.70	5CfBX	CfBX	Cherty Matrix BX	sub parallel TCA, iFeOX intensely vuggy carbonate matrix hosts iD5Ca and 5CfBx fragments, vugs with drusy calcite to 2cm	67.00	67.70	45682	0.70	0.24	0.007
67.70	71.60	QSTRZ	QSTRZ	Quartz Stringer Zone	as above Mineralization: trace mgr disseminated pyrite in quartz carbonate veinlets and stringers.	67.70	68.20	45587	0.50	0.26	0.008
						68.20	68.35	45683	0.15	0.22	0.006
						68.35	68.60	45588	0.25	0.19	0.006
						68.60	69.30	45589	0.70	4.84	0.141
						69.30	69.80	45684	0.50	0.15	0.004
						69.80	70.40	45685	0.60	0.22	0.006
						70.40	71.00	45686	0.60	0.21	0.006
						71.00	71.60	45687	0.60	0.63	0.018
71.60	73.00	5Ca		Volcanics	72.1 - 74.7 mD, medium grey green	77.10	77.30	45590	0.20	0.32	0.009

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
73.00	73.10	5CfBX	CfBX	Cherty Matrix BX	1cm 5CfBX veinlet at 25° TCA, dark grey chalcedony and carbonate hosts 5Ca frags, iK on fractures, iFeOX						
73.10	74.70	5Ca		Volcanics	73.1 - 74.7 mD medium grey green						
74.70	77.10	5CaiD		Volcanics, IntDol	iD classic, wM, few qtz carbonate veinlets with secondary clear and grey silica veinlets, no preferred direction of orientation .						
77.10	78.10	QSTRZ	QSTRZ	Quartz Stringer Zone	upper contact at 45° TCA, lower contact at 30° TCA 77.1 - 77.3 Qtz carbonate stringer, iFeOX with grey qtz on the hanging wall, Dark grey to black stylolites at 30° TCA, chlorite/talc clots and bands to 0.5cm at footwall, Qtz carbonate/5Ca is 40/60, graphitic clay fracture, green talc clots to 1cm (sericite?) Mineralization: 77.1 - 77.3 trace medium grained disseminated sph, trace fine grained disseminated pyrite 77.3 - 78.1 fine to medium grained pyrite disseminated throughout fractures						
78.10	80.30	5CaiD		Volcanics, IntDol	iD classic	77.30	77.80	45591	0.50	0.77	0.022
						77.80	78.10	45592	0.30	0.56	0.016
80.30	84.00	5Ca		Volcanics	mD wclay in fractures						
84.00	87.00	5CaiD		Volcanics, IntDol	iD, wCBX. wM, few white to clear qtz veinlets, no preferred direction of orientation, no sulphides						
87.00	102.60	5Ca		Volcanics	mD intense clay (pervasive), blueish clay on fractures, lower contact of unit is 5cm gouge 88.7 - 92.7 wD, medium green 92.7 - 94.4 mD, at upper contact of unit, light green - blue silica (crysoprase) associated with qtz veinlets. 94.4 - 102.6 m - local iD (yellow), w - mM as blebs to 0.75cm, mCBX, numerous barren qtz carbonate veinlets at 20° TCA						
102.60	109.00	5CaiD		Volcanics, IntDol	classic, w - local mM, muddy pyrite 10 - 15%, few barren qtz carbonate veinlets, no preferred direction of orientation 106.0 - 108.9 w - mD, relatively massive, light grey green moderate clay on fractures 108.9 - 109.0 iD, iM						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
109.00	109.40	5CfBX	FLT	Cherty Matrix BX	5CaBX - (Matrix is replaced by much carbonate) at 45° TCA, 3cm white qtz veinlet (1 speck of pyrite) at upper contact, Carbonate matrix, hosts iD5Ca frags, few qtz carbonate frags and few 5CfBx frags, grades into majority ipyrite, mD alt frags, lower contact is 1cm band of classic 5CfBX at bottom with a pyritic matrix (replaced chalcedony) hosting mm scale 5Ca m - iD frags intensely vuggy, with FeOX coating on vugs.						
109.40	111.70	5Ca		Volcanics	mD, mM						
111.70	111.80	QSTR	QSTR	Quartz Stringer	upper contact at 45° TCA, very discrete, white qtz with numerous dark green chloritic chalcedonic (5CfBx) filled fracture, correlates with 04MM-04 Mineralization: trace medium grained pyrite in qtz	111.70	111.80	45593	0.10	0.32	0.009
111.80	113.00	5CfBX	FLT	Cherty Matrix BX	iD, mM, with numerous grey chalcedonic veinlets, grades into grey and clear chalcedonic matrix hosting iD (yellow), mM frags, grades into an intensely vuggy FeOX stained vugs with drusy calcite, carbonate matrix hosting 5CfBx frags (mm scale frags within 5CfBx frags), grades into a iD, iCBX, wM 5Ca						
113.00	113.90	QSTRZ	QSTRZ	Quartz Stringer Zone	20% qtz carbonate stringers hosted in classic iD5Ca (very pyritized, very coarse grained pyrite), mM throughout qtz carbonate stringers, average at 45 - 60° TCA						
113.90	114.30	QV	QV	Quartz Vein	white qtz with few well digested wall rock frags, 1 very fresh iD iM 5Ca frag near lower contact Mineralization: trace medium grained pyrite, disseminated	113.90	114.30	45594	0.40	<0.05	0.001
114.30	116.10	QSTRZ	QSTRZ	Quartz Stringer Zone	as above						
116.10	125.20	5CaiD		Volcanics, IntDol	classic iD, wM, (very pyritic), numerous average 4cm qtz veinlets no preferred direction of orientation, no sulphides						
125.20	125.50	5CfBX	CfBX	Cherty Matrix BX	at 45° TCA, 1cm band pyritic chalcedonic (grey) matrix hosts angular wall rock frags and few qtz carbonate frags, increased FeOX and clay on upper contact, unit has very irregular chalcedonic veinlets and qtz carbonate filled fractures						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
125.50	127.20	5CaiD		Volcanics, IntDol	iD						
127.20	128.20	QSTRZ	QSTRZ	Quartz Stringer Zone	white qtz carbonate stringers at 45° TCA , green talc at upper contact, muddy pyrite graphitic stylolitic fracture fillings, at 20° TCA, vuggy, some grey chalcedonic veinlets that have large vugs elongated with veinlet orientation, wall rock is iD, w - mM Mineralization: 127.2 - 127.7 med - coarse grained pyrite disseminated throughout qtz stringer, mostly associated with well digested frags. 127.7 - 128.1 5CaiD, mM	127.20	127.70	45595	0.50	<0.05	0.001
						127.70	128.10	45596	0.40	<0.05	0.001
128.20	128.40	5CfBX	CfBX	Cherty Matrix BX	at 10° TCA, discrete qtz carbonate veinlet on either side , grey chalcedonic pyritic matrix, hosts barren qtz frags and some iD 5Ca frags, angular, intensely vuggy with FeOX drusy qtz (fine grained), green talc as blebs to 2 - 4 cm Mineralization: medium grained pyrite disseminated in qtz veinlets, muddy pyrite in 5CfBx	128.10	128.70	45597	0.60	<0.05	0.001
128.40	128.70	QSTRZ	QSTRZ	Quartz Stringer Zone	as above						
128.70	136.00	5CaiD		Volcanics, IntDol	iD						
136.00	136.40	5CfBX	CfBX	Cherty Matrix BX	at 30° TCA, vuggy, vugs to 1cm, dark grey chalcedonic pyritic matrix hosts iD5Ca and barren qtz vein frags, qtz carbonate veinlets at hanging wall and foot wall						
136.40	139.30	5CaiD		Volcanics, IntDol	few qtz carbonate veinlets with dark green silica veinlets, At lower contact some irregular stretched, iD5Ca frags at 30° TCA						
139.30	140.10	5Ca		Volcanics	wD						
140.10	140.60	5CaiD		Volcanics, IntDol	iD	GS-7	0.00	45599	0.00	4.88	0.142
140.60	140.90	5CfBX	CfBX	Cherty Matrix BX	discrete at 30° TCA as above, sample if above samples run	GS-6	0.00	45600	0.00	9.90	0.289
140.90	149.90	5CaiD		Volcanics, IntDol	iD, wM, classic	GS-9	0.00	45601	0.00	1.92	0.056
149.90	150.10	5CfBX	CfBX	Cherty Matrix BX	20° TCA, light grey matrix hosts barren qtz carbonate veinlet frags and iD5Ca frags.	GS-4	0.00	45602	0.00	3.42	0.100
150.10	152.20	5Ca		Volcanics	wD	GS-6	0.00	45603	0.00	10.05	0.293

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-06		
Collar Details					Notes:		Started		May 23, 2004			
Longitude		61803.90	E		Rory : QV - 95.6 to 99.8 : 0.003 oz/t Au over 4.2 m (1.35m TW) , tr mgr py		Finished		May 25, 2004			
Latitude		64756.60	N				Logged By:		L.C.Hunt			
Elevation		1266.68	m ASL				Tests		Depth	Az	Dip	
End of Hole		136.80	m						0.0	174.0	-59.0	
Azimuth		174.0							18.0	172.3	-59.1	
Dip		-59.0							74.4	173.0	-60.0	
Depth	From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
	0.00	10.10	OB		Overburden	Casing through Overburden						
	10.10	18.90	5Ca		Volcanics	w - mD, iFeOx fractures, few qtz veinlets, mm - 1cm scale						
	18.90	20.40	5CfBX	FLT	Cherty Matrix BX	sub parallel TCA, intense FeOx, intense clay, rubbly core extremely vuggy - rotten, difficult to determine matrix, fragments most likely 5Ca, mm to 1cm scale						
	20.40	23.80	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strcs and QCa frags in grey chalc matrx.						
	23.80	24.60	5CfBX	CfBX	Cherty Matrix BX	Bx parallel TCA from 23.8-23.9, 1-2cm band of dark grey chalcedonic matrix hosting fragments of 5Ca and qtz vein, mm to 1cm scale, rounded, iFeOx staining 23.9-24.6 "Double Breccia" - 5CfBx matrix ie) dark grey chalcedonic/pyritic matrix hosts mm scale fragments of 5Ca makes up the matrix which hosts white and grey qtz vein fragments. Qtz veinlet fragments are generally 1-2cm, rounded and often FeOx, the matrix of 5CfBx becomes extremely pyritized with fgr, network texture of pyrite throughout 5CfBx matrix. Note lost core 24.6-25.9 lower contact of 5CfBx 5-10° TCA with qtz veinlets but 1.3m of core is lost, may have been qtz vein?	23.80	24.60	45598	0.80	<0.05	0.001
	24.60	25.80	FLT	FLT	Fault	lost core FLT						
	25.80	32.40	5CaiD		Volcanics, IntDol	iD, fgr pyrite disseminated throughout and muddy py in fractures 31.1-32.4 2-3cm 5CaBx internally brecciated with iD 5Ca fragments parallel TCA, discrete upper conatct at 15-20° TCA, very vuggy with FeOx						
	32.40	33.40	5Ca		Volcanics	mD grades quickly to iD						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
33.40	34.60	FLT	FLT	Fault	iFeOx, rubbly core, clay fractures intense FeOx appears to brecciate 2-4 cm rounded, 5Ca fragments of varying Dolomite altered and FeOx altered						
34.60	36.40	5Ca		Volcanics	mD						
36.40	38.20	FLT	FLT	Fault	parallel TCA, vuggy, gougy, intense FeOx						
38.20	49.50	5Ca		Volcanics	mD, mCBX, local iCBX, few barren qtz/carbonate veinlet with graphite filled fractures within and on selvages						
49.50	51.60	5CaBX	BX	Volcanics, BX'd	iCBX at 25° TCA, upper contact (discrete) with mD fragments to 0.5cm, grades into graphitic/siliceous matrix with mD fragments, rounded, mm scale to 2cm						
51.60	56.40	5Ca		Volcanics	mD, local iCBX						
56.40	57.10	5CaBX	BX	Volcanics, BX'd	upper contact vague, lower contact discrete at 25 ° TCA, mD fragments in intense Graphitic siliceous matrix, lower contact 2cm band of graphitic siliceous 5Ca						
57.10	63.60	5CaiD		Volcanics, IntDol	iD, numerous barren white qtz carbonate veinlets with graphitic/pyritic filled fractures, preferred direction of orientation of qtz veinlets 60°	63.60	63.70	45605	0.10	3.97	0.116
63.60	63.70	QSTR	QSTR	Quartz Stringer	upper contact at 60° TCA white qtz, few carbonate fractures, lower contact at 60° TCA Mineralization: m - cgr, pyrite, mgr sph, mgr cpy, mgr tet, total sulphides 1 %						
63.70	66.30	5CaiD		Volcanics, IntDol	iD, iG						
66.30	66.60	FLT	FLT	Fault	sub parallel TCA, carbonate fracture intensely vuggy with drusy calcite to 1-2cm						
66.60	69.20	5CaiD		Volcanics, IntDol	iD with local patches of 5CaBx few white qtz veinlets, No sulphides						
69.20	73.70	5Ca		Volcanics	mD, wCBX 72.3-73.7 w - mD, m - iK pervasive						
73.70	73.80	FLT	FLT	Fault	intense clay, gougy 5cm						
73.80	75.20	5Ca		Volcanics	mD, wCBX						
75.20	77.00	5CfBX	CfBX	Cherty Matrix BX	Carbonate veinlet, drusy Calcite to 1- 2cm, gougy, vuggy, irregular 5CfBx veinlet runs sub parallel TCA, iD fragments throughout						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
77.00	85.90	5Ca		Volcanics	w - mD, m clay pervasive 79.7-82.0 - intense clay pervasive with few 4-5cm gouge, numerous mm scale, white, clay filled fractures, few white qtz/carbonate/clay veinlets, irregular 82.0-85.9 wD, mCBX, local iCBX especially towards lower contact						
85.90	86.70	5CaBX	FLT	Volcanics, BX'd	rubbly FeOX core, iG, brecciated 5Ca, vuggy, intense clay fractures						
86.70	93.50	5Ca		Volcanics	w - mD, local iCBX						
93.50	94.60	5CaiD		Volcanics, IntDol	iD, wM locally						
94.60	95.60	5CfBX	CfBX	Cherty Matrix BX	upper contact is indistinct, brecciated, white qtz veinlet in 5CfBx matrix, dark grey chalcedony with mm scale, iD fragments and 1-4cm rounded and angular qtz fragments Mineralization: 94.6-95.6 fgr pyrite in chalcedonic matrix, coarse pyrite in patches, trace mgr pyrite in qtz veinlet fragments 95.1-95.6 trace fgr pyrite disseminated	94.60	95.10	45606	0.50	0.25	0.007
						95.10	95.60	45607	0.50	0.36	0.010
95.60	99.80	QV	HW	Quartz Vein	white qtz, extremely vuggy with fgr drusy qtz, black and dark grey graphitic stylolites - mm scale, few graphitic volcanic fragments mostly digested, some intense FeOX on fractures, "very hungry vein" Central portion of vein more massive, white qtz with few dark grey siliceous veinlets, few graphitic stylolites 98.6-99.8 numerous black silica filled fractures, few graphitic, vuggy, FeOX, drusy qtz crystals, 5CfBx veinlet sub parallel to vein, is located in the bottom meter of vein, lower contact perpendicular TCA	95.60	96.10	45608	0.50	0.83	0.024
						96.10	96.70	45609	0.60	0.06	0.002
						96.70	97.20	45610	0.50	0.05	0.001
						GS-6	0.00	45610B	0.00	8.47	0.247
						97.20	97.80	45611	0.60	<0.05	0.001
						97.80	98.30	45612	0.50	<0.05	0.001
						98.30	98.60	45613	0.30	<0.05	0.001
						98.60	99.10	45614	0.50	<0.05	0.001
						99.10	99.40	45615	0.30	<0.05	0.001
99.40	99.80	45616	0.40	<0.05	0.001						
99.80	100.00	10a		Mafic Dyke	Contacts vague						
100.00	109.50	5CaiD		Volcanics, IntDol	iD, moderate clay, pervasive 105.8-105.9 wFLT						
109.50	109.70	5CfBX	CfBX	Cherty Matrix BX	upper contact at 70° TCA, discrete, intense graphite, lower contact at 80° TCA, less discrete, iG, dark grey chalcedonic matrix with iD fragments						
109.70	110.20	5CaiD		Volcanics, IntDol	irregular patches 5CfBx in mottled iD5Ca no preferred direction of orientation some 0.5cm veinlets of grey chalcedony locally vuggy						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
110.20	110.30	5CfBX	CfBX	Cherty Matrix BX	as above						
110.30	114.70	5Ca		Volcanics	mD, wCBX						
114.70	116.00	5CaiD		Volcanics, IntDol	iD, classic						
116.00	117.00	QSTR	QSTR	Quartz Stringer	Parallel TCA white qtz with black chalcedonic veinlets parallel to contact, mm to 1cm, chalcedonic veinlet hosts white qtz fragments where veinlets are 1cm wide						
117.00	117.30	5CaiD		Volcanics, IntDol	iD						
117.30	118.50	QV	QV	Quartz Vein	upper contact indiscrete, very vuggy with drusy Calcite to 1 cm irregular veinlet of 5CfBx hosting qtz vein fragments (lost core? Pieces don't match!) lower contact indiscrete with mm, black blebs of graphite, no sulphides noted	117.30	117.80	45617	0.50	<0.05	0.001
						117.80	118.50	45618	0.70	<0.05	0.001
118.50	118.70	5CaiD		Volcanics, IntDol	iD						
118.70	118.80	QSTR	QSTR	Quartz Stringer	mottled white/grey qtz with few partially digested 5Ca fragments, graphite blebs mm scale disseminated throughout						
118.80	118.90	5CaiD		Volcanics, IntDol	iD						
118.90	119.10	5CaBX	FLT	Volcanics, BX'd	iD 5Ca hosts qtz vein fragments and other iD5Ca fragments, vuggy with drusy Calcite, fgr pyrite disseminated in matrix, local patches to 2cm contact unavailable						
119.10	121.30	5CaiD		Volcanics, IntDol	iD, lower contact with 5CaBX is BX'd with white qtz fragments						
121.30	122.30	QV	QV	Quartz Vein	upper contact parallel TCA, white qtz with numerous dark grey, late stage veinlets (silica), few partially digested 5Ca fragments, 1cm veinlet of 5CfBx runs down core intermittently Mineralization: 121.8-122.3 trace fine grain pyrite disseminated	121.30	121.80	45619	0.50	<0.05	0.001
						121.80	122.30	45620	0.50	0.07	0.002
122.30	123.60	5CaiD		Volcanics, IntDol	iD with numerous qtz/carbonate veinlets and stockwork. Fine grain pyrite disseminated, associated with wallrock and wallrock fragments in veinlets	GS-7	0.00	45620B	0.00	5.10	0.149
123.60	129.40	QVBX	QVBX	Quartz Vein BX	brecciated grey and white qtz fragments of all sizes, mm to	123.60	124.20	45621	0.60	0.14	0.004

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log				04MM-07	
Collar Details			Notes:				Started		May 26, 2004			
Longitude	61738.90	E					Finished		May 29, 2004			
Latitude	64757.30	N					Logged By:		L.C.Hunt			
Elevation	1284.95	m ASL					Tests		Depth	Az	Dip	
End of Hole	108.90	m							0.0	93.0	-70.5	
Azimuth	93.0								32.7	92.0	-70.5	
Dip	-70.5								107.4	95.0	-71.4	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	23.60	OB		Overburden	Casing through Overburden							
23.60	32.20	5Ca		Volcanics	Moderately dolomitized with local iD fine grained, competent, massive, pale-medium green, meta-basalts. W-m pervasive K alt'n.							
32.20	35.10	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Classic.							
35.10	35.30	QVBX	QVBX	Quartz Vein BX	@ 60-80TCA. Q and iD fragments and minor QCa strcs and QCa frags in grey chalc matrix.	35.10	35.30	45633	0.20	<0.05	0.001	
35.30	37.10	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Numerous muddy py patches.							
37.10	37.30	5CfBX	CfBX	Cherty Matrix BX	Gray cherty/chalcedonic matrix hosts mm scale iD5Ca fragments. Indistinct angle tca. Few barren white QCa vlts @30tca.							
37.30	40.10	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff/yellow alt'n with miCBx and fine-grained disseminated py throughout. Numerous muddy py filled fractures. Locally vuggy							
40.10	40.80	5CfBX	CfBX	Cherty Matrix BX	Pale grey chalcedonic matrix hosts v.sil. iD 5Ca fragments. White qvlt in center with black sil frac filling, No Sx.							
40.80	41.10	5CfBX	CfBX	Cherty Matrix BX	Very dark grey-black chalcedonic/pyritic matrix hosts angular ipy (repl) 5Ca frags, 5% rounded qv frags. 30tca.							
41.10	41.70	5CfBXb	BB	Cherty Matrix BX, Black	Very dark grey-black chalcedonic/pyritic matrix hosts angular ipy (repl) 5Ca frags, 5% rounded qv frags. 30tca. Includes vlt of typical 5CfBX sub-parallel T=tca. 10-15% qv frags.							

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-08			
Collar Details				Notes:				Started		May 29, 2004					
Longitude		61773.20 E		Rory : QV - 82.8 to 85.5 : 0.016 oz/t Au over 2.7 m (1.58m TW) , mgr py				Finished		May 31, 2004					
Latitude		64718.75 N						Logged By:		L.C.Hunt		M.J.Glover			
Elevation		1283.13 m ASL						Tests		Depth		Az		Dip	
End of Hole		156.70 m								0.0		85.8		-45.0	
Azimuth		85.8								49.4		83.5		-44.1	
Dip		-45.0								155.2		81.5		-45.5	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	29.30	OB		Overburden	Casing through Overburden 24.9-29.3 Intercalated Cf/Ca. Dark grey/green lam. Fol'n@20-30TCA. Probably sub-crop. iFeOX locally.										
29.30	41.40	5Ca		Volcanics	Very fine grained medium green competent. Wk fol'n@40TCA. Few mm scale non-conformable chl and jasp vlt. No PDO. Wk FLT at contact@20TCA. Tuff-cherty tuff										
41.40	44.80	5Ce		Cherty Tuff / Tuffaceous chert	Dark grey mottled grey/green aphanitic tuffaceous chert. No well defined fabric. LC@45TCA on distinct chloritic slip. Minor interbeds to 30cm of above.										
44.80	50.00	5Ca		Volcanics	'@ 60-80TCA. Q and iD fragments and minor QCa str and QCa frags in grey chalc matrix.										
50.00	50.05	5CfBX	CfBX	Cherty Matrix BX	5cm discrete pale-medium grey chert/chalcedony fracture filling @45TCA.										
50.05	52.10	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. wCBX. Local FeOX staining.										
52.10	52.20	5CaBX	BX	Volcanics, BX'd	Sub-angular Ca frags in black matrix. @35TCA.										
52.20	55.30	5Ca		Volcanics	Moderately dolomitized, fine grained, medium green, meta-basalts. Pervasive iCBX.										
55.30	55.90	QSTRZ	QSTRZ	Quartz Stringer Zone	20% 0.5-2.0 cm irregularly oriented brittle milky white Qca str in iFeOX vuggy 5Ca. No PDO.										
55.90	57.50	5Ca		Volcanics	Moderately dolomitized, fine grained, medium green, meta-basalts. Pervasive iCBX.										
57.50	58.20	5CaBX	BX	Volcanics, BX'd	UC@40TCA. Distinct lamination @40TCA. Minor chalcedony filled slips @ 25TCA. iG, Vuggy. LC@25TCA.										
58.20	62.50	5Ca		Volcanics	5Ca mD, Variable CBX, minor chal. slips @25TCA.										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
62.50	81.30	5Ca		Volcanics	Mostly wD with local mD. W-m CBX with local pervasive FeOX staining. Localized 5CaBX (viCBX). 63.3-63.35 muddy py filled frac @80TCA. 68.7-71.4 minor irregular, angular, i vuggy, QCa vlt. No SX. 79.0-81.3 mD alt'n (yellow and m to local iCBX.						
81.30	82.70	QSTRZ	QSTRZ	Quartz Stringer Zone	25% 1-5cm white QCa strs in mD 5Ca (yellow) @50TCA. M-iCBX, No SX in vlt.	81.30	82.00	45635	0.70	2.49	0.073
82.70	82.80	FLT	FLT	Fault	iK gouge grey	82.00	82.80	45636	0.80	0.93	0.027
82.80	85.50	QV	HW	Quartz Vein	Rory Vein UC@35TCA. LC@20TCA. Moderately to intensely fractured milky white quartz with 5% 1-2mm FeOX stained carbonate. Vein locally has mottled appearance due to mostly digested QV fragments. Minor discrete angular muddy py and graphite filled fracs near hanging wall. Graphitic rubble at contact. 83.3-84.1 to 3% m-cgr clotty py patches.	82.80	83.30	45637	0.50	0.48	0.014
						83.30	83.70	45638	0.40	0.61	0.018
						83.70	84.10	45639	0.40	1.04	0.030
						GS-6	0.00	45640	0.00	9.83	0.287
						84.10	84.60	45641	0.50	0.42	0.012
						84.60	85.10	45642	0.50	0.31	0.009
						85.10	85.50	45643	0.40	0.48	0.014
85.50	86.30	5CfBXb	CfBX	Cherty Matrix BX, Black	30% sub-angular to rounded <1cm wall rock fragments supported in a black siliceous fine grained matrix. UC graphitic gouge. LC discrete, irregular.						
86.30	88.80	5Ca		Volcanics	Moderately dolomitized iCBX meta-basalts. Local FeOX.						
88.80	89.00	FLT	FLT	Fault	iK gouge and rubbly core. FeOX.						
89.00	100.40	5Ca		Volcanics	Variably weakly to moderately dolomitized meta-basalts. 90.2-91.8 mD mCBX 91.8-93.6 wD 93.6-95.0 m fracture zone. 97.8-98.2 2 x 10cm black matrix Breccias @45TCA and perpendicular to each other. 97.8-100.4 w-mD						
100.40	102.40	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Weak Mariposite locally.						
102.40	107.00	QSTRZ	QSTRZ	Quartz Stringer Zone	50% mm scale irregularly oriented milky white qstrs in iCBX iD 5Ca. Local FeOX patches. LC distinct at breccia @50TCA. Local concentrations of mgr py and disseminated fgr py. <1% Overall.	102.40	102.95	45644	0.55	0.30	0.009
						102.95	103.70	45645	0.75	0.61	0.018
						103.70	104.40	45646	0.70	0.25	0.007
						104.40	105.10	45647	0.70	1.57	0.046
						105.10	105.70	45648	0.60	2.72	0.079
						105.70	106.40	45649	0.70	0.54	0.016

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
						GS-4	0.00	45650	0.00	3.66	0.107
						106.40	107.05	45651	0.65	0.52	0.015
107.00	107.05	5CfBX	CfBX	Cherty Matrix BX	dark grey chalcedony fracture filling. Frac @45TCA.						
107.05	116.30	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Local mod fol'n exhibited by CBX fractures @45TCA. 114.6-116.3 viCBX, miFol'n @45TCA. Few barren qvlt.						
116.30	117.10	5CfBXb	CfBX	Cherty Matrix BX, Black	Black graphitic silica matrix hosts sub-angular to rounded mD iCBX frags to 2cm. Contacts discrete but irregular.						
117.10	119.20	5Ca		Volcanics	Weakly to moderately dolomitized fine grained, competent, massive, pale-medium green, meta-basalts. 117.1-119.2 mD iCBX						
119.20	121.20	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Weak Mariposite alt'n locally.						
121.20	121.25	5CfBX	CfBX	Cherty Matrix BX	1 cm dark grey chal fracture filling with 1cm fgr py selvage @10TCA with creamy white QCa vlt.						
121.25	123.10	5Ca		Volcanics	Weakly to moderately dolomitized fine grained, competent, massive, pale-medium green, meta-basalts. 121.25-123.1 mD iCBX						
123.10	126.90	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. wMariposite. Few graphitic/siliceous slips. No PDO.						
126.90	128.00	5CfBXb	FLT	Cherty Matrix BX, Black	UC marked by creamy white QCa vlt @10TCA with clear quartz frags. Majority of unit is black siliceous matrix hosting mD frags. Few creamy white angular barren QCa frags. Lower 40cm is rubble FeOX stained, vuggy, grey CfBX. LC discrete @30TCA.						

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log				04MM-10	
Collar Details			Notes:				Started		June 2, 2004			
Longitude	61829.10	E					Finished		June 3, 2004			
Latitude	64640.10	N					Logged By:		M.J.Glover			
Elevation	1278.34	m ASL					Tests		Depth	Az	Dip	
End of Hole	62.80	m							0.0	76.0	-52.0	
Azimuth	76.0								61.3	76.0	-51.4	
Dip	-52.0											
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	21.30	OB		Overburden	Casing through Overburden							
21.30	23.50	7c		Listwanite	Grey moderately maripositic 7c with 50% iFeOX staining. Good RQ.							
23.50	24.00	5CaiD		Volcanics, IntDol	Classic. Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.							
24.00	24.40	QSTRZ	QSTRZ	Quartz Stringer Zone	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matirx.	24.00	24.40	45654	0.40	0.08	0.002	
24.40	26.30	5Ca		Volcanics	Weakly shear laminated miD 5Ca.							
26.30	28.60	5CaiD		Volcanics, IntDol	Grading from m-iD to iD downhole. Wk fabric @50TCA. 1-2% disseminated fine to medium grained py.							
28.60	29.50	QSTRZ	QSTRZ	Quartz Stringer Zone	25% <1 cm irregularly oriented brittle fracture filling milky white qstrs in pervasively silicified dark grey iD 5Ca/e.	28.60	29.50	45655	0.90	0.17	0.005	
29.50	30.00	5CaiD		Volcanics, IntDol	Classic. Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. wCBX.	29.50	30.00	45656	0.50	<0.05	0.001	
30.00	31.30	QSTRZ	QSTRZ	Quartz Stringer Zone	15% <1cm angular milky white qstrs in iSil mi G cherty 5Ca. (Mylonitized, Sil'd, iG BX 5Ca?) 1% 2-3mm subhedral py.	30.00	30.30	45657	0.30	0.12	0.003	
						30.30	30.80	45658	0.50	<0.05	0.001	
						30.80	31.30	45659	0.50	0.26	0.008	
						GS-6	0.00	45660	0.00	9.97	0.291	
31.30	31.40	QSTR	QSTR	Quartz Stringer	Discrete milky white weakly fractured quartz stringer @70TCA. 1% vfgr and fgr py on frags.	31.30	31.40	45661	0.10	0.10	0.003	
31.40	32.20	5CaBX	BX	Volcanics, BX'd	Moderately dolomitized weakly CBX'd with iG fracture filling.	31.40	31.80	45662	0.40	<0.05	0.001	
32.20	35.10	5Ca		Volcanics	wD 5Ca w-mCBX. Minor vuggy QCa strs to 2cm. Irregular orientation. Some rubbly core. Pervasive wFeOX. Fracture zone.							

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-11			
Collar Details				Notes:				Started		June 5, 2004					
Longitude		61815.10 E						Finished		June 6, 2004					
Latitude		64706.40 N						Logged By:		M.J.Glover					
Elevation		1271.45 m ASL						Tests		Depth		Az		Dip	
End of Hole		142.40 m								0.0		50.0		-55.0	
Azimuth		50.0								70.4		49.5		-53.1	
Dip		-55.0								140.5		49.0		-52.9	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	6.10	OB		Overburden	Casing through Overburden										
6.10	13.80	5Ce		Cherty Tuff / Tuffaceous chert	Pale to medium grey aphanitic very siliceous weakly fractured chert. Good RQ. No FeOX staining.										
13.80	16.60	7b		Listwanite	Talc Chlorite Schist. Wm fol'd. grey/green laminae. Soft. Fabric @50TCA. UC marked by 1cm iK gouge @50TCA. LC is 5cm iK gouge @55TCA. No FeOX staining.										
16.60	34.00	5Ca		Volcanics	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matirx.										
34.00	37.55	5Ca		Volcanics	miD 5Ca. iCBX with iG. Locally viCBX approaches 5CaBX.										
37.55	37.75	QSTR	QSTR	Quartz Stringer	Low angle (@15TCA) milky white qstr with FeOX stained selvages and carbonate inclusions. 10cm TW.	37.55	37.75	45688	0.20	<0.05	0.001				
37.75	40.50	5Ca		Volcanics	miD 5Ca, iCBX with G as above.										
40.50	50.20	5Ce		Cherty Tuff / Tuffaceous chert	mD cherty tuffs. wCBX. FeOX staining. Permeable rock with vuggs to 6mm from irregular fractures. Pale green grey.										
50.20	51.50	5Ce		Cherty Tuff / Tuffaceous chert	Chert to tuffaceous chert. Very similar in appearance to above but aphanitic and very siliceous grey/green. UC on frac @45TCA with FeOX stain. LC on frac @40 with FeOX stain.										
51.50	51.80	QSTRZ	QSTRZ	Quartz Stringer Zone	2@5cm milky white (+FeOX stain) qstrs bracket 5CaiD interval. @45TCA. 1% mgr diss py in 5Ca.	51.50	51.80	45689	0.30	0.37	0.011				
51.80	53.00	5Ce		Cherty Tuff / Tuffaceous chert	Chert to tuffaceous chert. As above.	51.80	52.40	45690	0.60	0.26	0.008				
						52.40	53.00	45691	0.60	0.13	0.004				
53.00	53.55	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak quartz stringer zone. 2@2cm milky white qstrs @45TCA. No Sx of note.	53.00	53.55	45692	0.55	0.40	0.012				
53.55	54.55	5Ca		Volcanics	Tuff-cherty tuffs as above.	53.55	54.05	45693	0.50	1.03	0.030				

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
						54.05	54.55	45694	0.50	<0.05	0.001
54.55	54.65	QSTRZ	QSTRZ	Quartz Stringer Zone	Polyphase White/Grey with wall rock inclusions. @40-50TCA. Minor disseminated mgr py.	54.55	54.65	45695	0.10	0.57	0.017
54.65	64.70	5Ca		Volcanics	Tuff-cherty tuff. Grey buff with wmCBX iFeOX on frags.	54.65	55.20	45696	0.55	0.40	0.012
						GS-6	0.00	45697	0.00	9.94	0.290
64.70	67.00	5CaBX	BX	Volcanics, BX'd	iG iCBX Breccia zone. Black Sil matrix supporting iD Ca clasts.	66.50	67.00	45698	0.50	0.65	0.019
67.00	68.15	QV	QV	Quartz Vein	Polyphase, milky white, weakly fractured, with 10% irregular sericitized wall rock fragments. @45TCA. LC ground core. Tr mgr clotty py.	67.00	67.60	45699	0.60	0.64	0.019
						67.60	68.15	45700	0.55	0.62	0.018
68.15	68.90	5Ca		Volcanics	Weakly to moderately dolomitized fine grained, competent, massive, grey, meta-basalts. wCBX.	68.15	68.90	45701	0.75	0.19	0.006
						GS-7	0.00	45702	0.00	4.88	0.142
68.90	69.70	QSTRZ	QSTRZ	Quartz Stringer Zone	50% 0.5-3cm irregularly oriented milky white qstrs in iD iCBX 5Ce/a. Tr mgr clotty py.	68.90	69.70	45703	0.80	0.15	0.004
69.70	73.50	5Ca		Volcanics	Pale grey green grading down interval to buff iD. mCBX increasing to miCBX. Muddy py patches.						
73.50	74.10	QSTR	QSTR	Quartz Stringer	2cm white quartz stringer with minor fgr py proximal to selvages. Sub-parallel TCA.	73.50	74.10	45704	0.60	0.05	0.001
74.10	77.60	5CeBX	BX	Brecciated Cherty Tuffs	Buff to pale grey iCBX tuffaceous chert is frac'd with cm scale irregular frags containing muddy py, G, and locally CfBX fracture filling.						
77.60	78.30	FLT	FLT	Fault	iK gouge and rubbly core.						
78.30	79.00	5Ca		Volcanics	Moderately dolomitized iG iCBX grey buff vfgr.						
79.00	79.40	QSTRZ	QSTRZ	Quartz Stringer Zone	10% QCa strs occupy healed fracture zone with angular muddy py fragments from original slip. 10% muddy py OA.	79.00	79.40	45705	0.40	0.53	0.015
79.40	80.50	5CeBX	BX	Brecciated Cherty Tuffs	As above. iG, iCBX buff cherty tuffs.						
80.50	81.30	5CfBXb	CfBX	Cherty Matrix BX, Black	Black chalcedonic matrix supports 60% 1-6mm rounded cherty clasts. LC marked by G slip @60TCA and 2cm milky white qstr. No SX of note.						
81.30	83.60	5Ca		Volcanics	iCBX medium green wD tuff. Fgr msv.						
83.60	105.70	5Ca		Volcanics	Massive homogenous aphanitic locally weakly fractured tuff.						
105.70	105.80	FLT	FLT	Fault	Low angle (10TCA) Ca, chl, K on wFLT. Pervasive K halo in surrounding cherty tuffs.						
105.80	111.30	5Ca		Volcanics	Massive homogenous aphanitic locally weakly fractured tuff.						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
49.80	53.10	5Ca		Volcanics	miD iCBX 5Ca. Minor irregular QCa str. iG on fractures. Local w BX'n.						
53.10	53.30	QSTR	QSTR	Quartz Stringer	10cm TW polyphase QCa str @15TCA. Laminated Q and Ca. Q is BX'd. Muddy py patches and minor fgr diss py.	53.10	53.30	45723	0.20	0.23	0.007
53.30	53.60	5Ca		Volcanics	Weakly dolomitized very weakly crackle brecciated medium green meta-basalts.						
53.60	53.70	5CfBX	CfBX	Cherty Matrix BX	Dark grey pyritic/chalcedonic matrix supporting 40% angular 5Ca fragments.						
53.70	60.50	5Ca		Volcanics	wD, Locally wK, w frac'd, 5Ca. Fgr, pale to med green. Very minor irregular QCa frac filling and FeOX staining on fracs.						
60.50	65.50	5Ca		Volcanics	miD iCBX Buff with iG in CBX. Minor irregular QCa str locally.						
65.50	65.60	5CfBX	CfBX	Cherty Matrix BX	Pale grey chalcedonic matrix with dark grey/black angular frags. @70 TCA.						
65.60	65.70	QCV	QCV	Quartz Carbonate Vein	Quartz Carbonate Vein Minor 1-2 cm Ca str @ 45 TCA						
65.70	68.10	5Ca		Volcanics	wD wCBX'd 5Ca						
68.10	69.60	5Ca		Volcanics	Cherty Tuff. Massive dark green siliceous cherty tuff						
69.60	71.90	5Ca		Volcanics	wD wCBX'd 5Ca Tuff. wK locally						
71.90	72.50	FLT	FLT	Fault	iK gouge and rubbly core. Possibly @ 30TCA						
72.50	75.90	5CaBX	BX	Volcanics, BX'd	viCBX'd and BX'd buff miD cherty tuff. Pervasive muddy py and frac filling concentrated at top of interval.						
75.90	77.05	5Ca		Volcanics	Moderately to intensely dolomitized fine grained iCBX'd 5Ca.	76.60	77.05	45724	0.45	0.17	0.005
77.05	77.40	QSTR	QSTR	Quartz Stringer	Very blocky FeOX stained Quartz stringer zone.	77.05	77.40	45725	0.35	0.17	0.005
77.40	78.00	5CaBX	BX	Volcanics, BX'd	5CaBX/5CfBX Breccia zone. ipy black chalcedonic matrix	77.40	78.00	45726	0.60	<0.05	0.001
78.00	78.70	5Ca		Volcanics	mD iCBX competent 5Ca						
78.70	78.90	5CaBX	BX	Volcanics, BX'd	Rounded 5Ca frags in black sil/chal matrix.						
78.90	79.10	5Ca		Volcanics	Moderately dolomitized, intensely crackle brecciated competent 5Ca.						
79.10	79.20	QSTR	QSTR	Quartz Stringer	5cm TW bull milky white qstr. No angles.	79.10	79.20	45727	0.10	<0.05	0.001
79.20	79.50	5Ca		Volcanics	Moderately dolomitized, intensely crackle brecciated competent 5Ca.						
79.50	79.80	5CaBX	BX	Volcanics, BX'd	Moderately dolomitized, intensely crackle brecciated competent 5Ca. More prominent BX'n						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-13			
Collar Details				Notes:				Started		June 7, 2004					
Longitude		61804.20 E						Finished		June 9, 2004					
Latitude		64752.20 N						Logged By:		M.J.Glover					
Elevation		1266.97 m ASL						Tests		Depth		Az		Dip	
End of Hole		73.50 m								0.0		80.0		-75.0	
Azimuth		80.0													
Dip		-75.0													
Depth	From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t			
	0.00	9.10	OB		Overburden	Casing through Overburden									
	9.10	17.30	5Ca		Volcanics	Pale green intensely fractured with FeOX staining on fracs and as pervasive alt'n.									
	17.30	17.40	FLT	FLT	Fault	iK gouge and rubbly core.									
	17.40	21.70	5Ca		Volcanics	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.									
	21.70	23.20	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py and patchy py throughout.									
	23.20	26.00	5Ca		Volcanics	Weakly dolomitized weakly clay altered at start of interval increases to iK gouge with leaching from 25.9-26.8.									
	26.00	31.60	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Few QCa strs.									
	31.60	31.70	FLT	FLT	Fault	iK gouge and rubbly core. @20 TCA.									
	31.70	48.40	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Slight increase in degree of dolomitization to m over last 2m with minor FeOX stained fracturing.									
	48.40	48.65	5CfBX	CfBX	Cherty Matrix BX	30% angular white qtz frags in Dk grey/ Black chalcedonic matrix.	48.40	48.65	45733	0.25	0.26	0.008			
	48.65	54.50	5Ca		Volcanics	iCBX locally weakly BX'd wD. Medium green/Black fgr volcanics.	53.90	54.50	45734	0.60	<0.05	0.001			
	54.50	55.40	QV	QV	Quartz Vein	Milky white QV hosts 30% angular to sub angular 5CaiD fragments. @45 TCA. <1% mgr py in 54.5-54.95 (Will run)	54.50	54.95	45735	0.45	1.98	0.058			
							54.95	55.40	45736	0.45	0.57	0.017			
	55.40	56.70	5CfBX	CfBX	Cherty Matrix BX	5CaiD with low angle milky qstrs and irregular CfBX stringers.	55.40	55.90	45737	0.50	0.65	0.019			
							55.90	56.70	45738	0.80	0.05	0.001			

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log				04MM-14			
Collar Details					Notes:			Started		June 9, 2004				
Longitude		61804.20	E		Rory : QV - 92.55 to 97.5 : 1.193 oz/t Au over 4.95 m (1.86m TW) , VG			Finished		June 10, 2004				
Latitude		64752.20	N					Logged By:		M.J.Glover				
Elevation		1266.97	m ASL					Tests		Depth	Az	Dip		
End of Hole		126.80	m							0.0	77.0	-77.0		
Azimuth		77.0								58.2	75.0	-77.0		
Dip		-77.0								107.0	72.5	-76.5		
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t			
0.00	9.50	OB		Overburden	Casing through Overburden									
9.50	17.70	5Ca		Volcanics	Pale to medium green fractured, oxidized w-mD 5Ca.									
17.70	24.00	5Ca		Volcanics	Buff miCBX cherty tuff.									
24.00	28.10	5Ca		Volcanics	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.									
28.10	28.70	5CaBX	BX	Volcanics, BX'd	Weak breccia zone with chl carb on fracs.									
28.70	47.70	5Ca		Volcanics	Massive homogenous fgr medium to dark green 5Ca wD.									
47.70	48.20	QSTRZ	QSTRZ	Quartz Stringer Zone	2 @ 5cm milky white qstrs @ 45-50TCA. Very slight increase in dolomitization and weak shearing proximal to strs. No SX of note.	47.70	48.20	45742	0.50	<0.05	0.001			
48.20	57.65	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium to dark green, meta-basalts. Low angle QCa strs over 6mm from 52.3-52.8.									
57.65	58.10	QSTR	QSTR	Quartz Stringer	Low angle composite slip/qstr @10 TCA. 4cm TW. Muddy py with G on slip. Tr mgr py.	57.65	58.10	45743	0.45	5.77	0.168			
58.10	59.55	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Muddy py fracture filling and patches.									
59.55	60.30	QSTRZ	QSTRZ	Quartz Stringer Zone	15% 0.5-3cm irregularly oriented milky white qstrs in iD 5Ca. No PDO. No SX of note.	59.55	60.30	45744	0.75	<0.05	0.001			
60.30	62.00	5Ca		Volcanics	mD 5Ca with wCBX. Green Buff with CBX increasing to end of interval.									
62.00	62.40	QSTR	QSTR	Quartz Stringer	3-5cm TW milky white qstr @ 15 TCA. No SX of note.	62.00	62.40	45745	0.40	1.23	0.036			
62.40	64.50	5CaBX	BX	Volcanics, BX'd	Black matrix supporting rounded wD 5Ca frags. @0 TCA.									
64.50	66.00	5Ca		Volcanics	Massive relatively hard, pale medium green to buff vfgr 5Ca.									

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
66.00	66.30	5CaBX	BX	Volcanics, BX'd	Black matrix supporting rounded wD 5Ca frags. @30 TCA.						
66.30	67.00	5Ca		Volcanics	Weakly dolomitized weakly brecciated meta-basalts.						
67.00	67.15	QSTR	QSTR	Quartz Stringer	Competent polyphase sheared white and dark grey QCa str @ 40TCA. No SX.	67.00	67.15	45746	0.15	<0.05	0.001
67.15	69.70	5Ca		Volcanics	Relatively massive dry wD wCBX 5Ca.						
69.70	70.90	QSTRZ	QSTRZ	Quartz Stringer Zone	V low angle 3-5cm milky white qstr. Minor muddy py.	69.70	70.30	45747	0.60	1.01	0.029
						70.30	70.90	45748	0.60	0.97	0.028
70.90	74.60	5CaiD		Volcanics, IntDol	Classic buff-pink intensely dolomitized meta-basalts. mCBX and fine-grained disseminated splotchy py throughout.						
74.60	75.25	5CaBX	BX	Volcanics, BX'd	UC pyritic slip @ 30 TCA then basically vvi CBX with G and sil matrix.						
75.25	79.30	5Ca		Volcanics	miD miCBX 5Ca with minor black sil fracture filling.						
79.30	81.80	QSTRZ	QSTRZ	Quartz Stringer Zone	35% irregularly oriented milky white qstrs @ 40 TCA. Locally vuggy. Muddy py on selvages and partings within str. Disrupted.	79.30	79.80	45749	0.50	0.96	0.028
						GS-4	0.00	45750	0.00	3.25	0.095
						79.80	80.30	43501	0.50	0.95	0.028
						80.30	80.80	43502	0.50	0.93	0.027
						80.80	81.30	43503	0.50	0.78	0.023
						81.30	81.80	43504	0.50	1.18	0.034
81.80	82.00	5CaBX	BX	Volcanics, BX'd	Black matrix supporting iD 5Ca frags.						
82.00	85.60	5CaiD		Volcanics, IntDol	iD miCBX with muddy py.						
85.60	85.70	QSTR	QSTR	Quartz Stringer	Discrete milky white qstr @ 45 TCA. 7cm TW. 1/4% cgr euhedral py.	85.60	85.70	43505	0.10	0.22	0.006
85.70	89.20	5Ca		Volcanics	miD mCBX	88.70	89.20	43506	0.50	0.53	0.015
89.20	89.50	QV	QV	Quartz Vein	Milky white weakly fractured @ 40 TCA. Minor Ca inclusions and secondary glassy grey quartz. Tr mgr clotty py.	89.20	89.50	43507	0.30	9.97	0.291
89.50	91.50	5CfBX	CfBX	Cherty Matrix BX	Dark grey cherty matrix breccia vuggy with muddy py. Angular Qtz and iD frags 25TCA.	89.50	90.00	43508	0.50	2.37	0.069
						90.00	90.50	43509	0.50	0.69	0.020
						GS-7	0.00	43510	0.00	5.23	0.153
						90.50	91.00	43511	0.50	0.75	0.022
						91.00	91.50	43512	0.50	0.75	0.022
91.50	92.55	QVBX	QVBX	Quartz Vein BX	Intensely fractured QVBX with 15% wall rock fragments. Lat 10cmTW/30cm core is low angle slip with G and py +/- CfBX	91.50	92.00	43513	0.50	0.51	0.015
						92.00	92.55	43514	0.55	1.71	0.050
92.55	97.50	QV	HW	Quartz Vein	Milky white variably stylolitic. Sulphidic QV. UC @ 25 TCA. 94-96.3 is stylolitic.	92.55	93.00	43515	0.45	198.50	5.790
						93.00	93.50	43516	0.50	97.00	2.829

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					92.55-93.0 No sty, 9 specks 1/4mm VG	93.50	94.00	43517	0.50	87.90	2.564
					93.0-93.5 No sty, 7 specks 1/4mm VG. Cpy. Tet, sph	94.00	94.50	43518	0.50	7.17	0.209
					93.5-94.0 w frac'd, 1% cpy.	94.50	95.00	43519	0.50	8.01	0.234
					94.0-94.5 w BX@ top, muddy py.	GS-6	0.00	43520	0.00	10.45	0.305
					94.5-95.0	95.00	95.30	43521	0.30	3.23	0.094
					95.0-95.3 Tr cpy	95.30	95.80	43522	0.50	16.25	0.474
					95.3-95.8 3 specks coarse VG. Tr cpy.	95.80	96.30	43523	0.50	0.62	0.018
					95.8-96.3 Bullish	96.30	96.80	43524	0.50	6.94	0.202
					96.3-96.8 Clotty py	96.80	97.30	43525	0.50	0.35	0.010
					96.8-82.5 Bull	97.30	97.50	43526	0.20	0.32	0.009
97.50	98.60	QVBX	QVBX	Quartz Vein BX	l frac'd with medium grey secondary Qtz. No SX of note.	97.50	98.10	43527	0.60	0.89	0.026
						98.10	98.60	43528	0.50	0.56	0.016
98.60	99.20	5Ca		Volcanics	mD 5Ca with wCBX. Green Buff with CBX increasing to end of interval.	98.60	99.20	43529	0.60	0.41	0.012
						GS-4	0.00	43530	0.00	3.28	0.096
99.20	99.50	QVBX	QVBX	Quartz Vein BX	As Above	99.20	99.50	43531	0.30	0.49	0.014
99.50	100.00	5CfBX	CfBX	Cherty Matrix BX	Black matrix breccia with Qtz frags. 20TCA. Muddy py.	99.50	100.00	43532	0.50	0.58	0.017
100.00	100.55	QSTR	QSTR	Quartz Stringer	1cm qstr sub parallel TCA in 5Ca iD. No SX	100.00	100.55	43533	0.55	0.61	0.018
100.55	102.15	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. With 3cm low angle qstr from 101.1-101.6	100.55	101.10	43534	0.55	1.09	0.032
						101.10	101.60	43535	0.50	1.25	0.036
102.15	102.20	5CfBX	CfBX	Cherty Matrix BX	@30TCA. Black matrix with angular qtz frags	101.60	102.20	43536	0.60	1.06	0.031
102.20	104.20	QSTRZ	QSTRZ	Quartz Stringer Zone	15% 0.5-3cm irregularly oriented milky white qstrs in iD 5Ca.	102.20	102.90	43537	0.70	4.27	0.125
						102.90	103.50	43538	0.60	2.69	0.078
						103.50	104.20	43539	0.70	3.54	0.103
						GS-9	0.00	43540	0.00	1.80	0.052
104.20	106.40	QV	QV	Quartz Vein	Note very blocky disorganized core. Moderately stylolitic milky white with 5% secondary grey qtz. Minor clotty mgr py around 105.2 Generally looks dry.	104.20	104.70	43541	0.50	1.06	0.031
						104.70	105.20	43542	0.50	0.50	0.015
						105.20	105.60	43543	0.40	1.43	0.042
						105.60	106.40	43544	0.80	9.80	0.286
106.40	107.50	5CaBX	BX	Volcanics, BX'd	Moderately brecciated/sheared 5CamID. Very blocky.						
107.50	107.70	QSTR	QSTR	Quartz Stringer	Irregular milky white qstr. Very blocky	107.50	107.70	43545	0.20	0.96	0.028
107.70	109.70	5CaiD		Volcanics, IntDol	iD mShr						
109.70	110.40	5CfBXb	BB	Cherty Matrix BX, Black	Black sil matrix.						
110.40	110.75	QVBX	QVBX	Quartz Vein BX	Lower end of cherty breccia with 90% milky white dry qtz.	110.40	110.75	43546	0.35	0.16	0.005

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-15			
Collar Details				Notes:				Started		June 11, 2004					
Longitude		61804.20 E		Rory : QSTRZ - 80.5 to 84.2 : 0.024 oz/t Au over 3.7 m (1.61m TW) , wk				Finished		June 12, 2004					
Latitude		64752.20 N						Logged By:		M.J.Glover					
Elevation		1266.97 m ASL						Tests		Depth		Az		Dip	
End of Hole		123.80 m								0.0		75.8		-67.0	
Azimuth		75.8								59.7		75.8		-68.0	
Dip		-67.0								119.2		78.5		-68.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	9.10	OB		Overburden	Casing through Overburden										
9.10	43.30	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. To 26m is Blocky/Rubbly FeOX stained. 23.2-25.9 is 50% recovery. Weak breccia at 28.3-28.9 with minor vuggy QCa str and iD halo with minor py.										
43.30	48.40	5Ca		Volcanics	Buff iCBX cherty Tuff/5Ca mD. Local black matrix breccia. UC on slip @ 30TCA with G. Local black matrix breccia.										
48.40	48.70	QSTRZ	QSTRZ	Quartz Stringer Zone	'@ 60-80TCA. Q and iD fragments and minor QCa str and QCa frags in grey chalc matrix.	48.40	48.70	43547	0.30	0.06	0.002				
48.70	55.70	5Ca		Volcanics	Weakly dolomitized weakly crackle brecciated, fine grained, medium green, meta-basalts.										
55.70	56.60	5CaBX	BX	Volcanics, BX'd	Weakly dolomitized weakly crackle brecciated, fine grained, medium green, meta-basalts with minor black matrix breccia @ 30TCA.										
56.60	57.40	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Dry.										
57.40	58.50	5CaBX	BX	Volcanics, BX'd	G/Sil matrix (Black matrix) Breccia with rounded mm scale 5Ca iD fragments.										
58.50	60.10	5Ca		Volcanics	Moderately dolomitized Moderately crackle brecciated fgr buff to medium green, meta-basalts.										
60.10	60.80	QSTRZ	QSTRZ	Quartz Stringer Zone	50% 0.5-3cm irregularly oriented milky white QCa str and QVBX in mD 5Ca@25TCA. No SX of note. Some vuggy/drusy calcite.	60.10	60.80	43548	0.70	0.16	0.005				
60.80	63.40	5Ca		Volcanics	Moderately dolomitized grading downhole to iD fine grained, miCBX'd meta-basalts.										

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-16			
Collar Details				Notes:				Started		June 12, 2004					
Longitude		61804.20 E						Finished		June 14, 2004					
Latitude		64752.20 N						Logged By:		M.J.Glover					
Elevation		1266.97 m ASL						Tests		Depth		Az		Dip	
End of Hole		169.80 m								0.0		77.0		-82.0	
Azimuth		77.0								82.6		77.5		-82.6	
Dip		-82.0								161.8		79.5		-82.7	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	9.70	OB		Overburden	Casing through Overburden										
9.70	18.30	5Ca		Volcanics	Weakly dolomitized FeOX stained fine grained, pale green, meta-basalts. Very blocky/rubbly to 21m.										
18.30	18.80	5CfBX	CfBX	Cherty Matrix BX	m-iD 5Ca with distinct pale-medium grey chert/chalcedony fracture filling. Angular wall rock fragments.										
18.80	21.00	5CaiD		Volcanics, IntDol	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
21.00	25.50	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Dry.										
25.50	26.20	5CaiD		Volcanics, IntDol	Moderate increasing to intensely dolomitized meta-basalts. Buff alt'n. wK.										
26.20	26.40	5CaBX	BX	Volcanics, BX'd	Weak grey sil and Q breccia zone. No PDO. No SX.										
26.40	48.40	5Ca		Volcanics	Variably altered and brecciated: 26.4-28.0 D decreasing from halo to BX zone. 28.0-29.9 wD minor shr. Few QCa strs 29.9-30.5 mD wMariposite and discontinuous QCa strs/5cm @ 30.4 30.5-36.0 wD wCBX 36.0-44.5 wD dry massive homogenous. 44.5-47.2 wD wCBX 47.2-48.4 gradually increasing to mD and w CBX.										
48.40	48.70	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak shear/stringer zone. 30% milky QCa with i chl and G laminae.	48.40	48.70	43561	0.30	<0.05	0.001				
48.70	55.60	5Ca		Volcanics	Weakly to moderately dolomitized mCBX'd fine grained, competent, massive, medium green, meta-basalts. Minor low angle QCa str from 49.6-50.8										
55.60	55.80	5CaBX	BX	Volcanics, BX'd	Weak black matrix breccia.										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
55.80	58.60	5Ca		Volcanics	Weakly dolomitized very weakly crackle brecciated medium green. Weak local black matrix breccia.						
58.60	59.10	5CaBX	BX	Volcanics, BX'd	miD 5Ca with weak breccia. Muddy py.						
59.10	66.70	5Ca		Volcanics	miD 5Ca to wmD with K at 61.9						
66.70	80.60	5Ca		Volcanics	miD iCBX buff. Wk BX at 67.8-68.2 Significant increase in CBX'n over last 0.5m	80.10	80.60	43562	0.50	0.43	0.013
80.60	82.30	QV	QV	Quartz Vein	QV@25-30TCA. Very weakly fractured dry milky white QV. Very minor G stylolites. Tr mgr py to 81.2 and Tr cpy, Tet to 81.8.	80.60	81.20	43563	0.60	0.19	0.006
						81.20	81.80	43564	0.60	0.25	0.007
						81.80	82.30	43565	0.50	0.34	0.010
82.30	83.10	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with iCBX	82.30	83.10	43566	0.80	0.89	0.026
83.10	83.80	QV	QV	Quartz Vein	Moderately fractured with weak BX at FW. 1% muddy py. 1/4% mgr py as fracture filling parallel to contacts.	83.10	83.80	43567	0.70	1.17	0.034
83.80	88.80	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Weak Mariposite. Moderate crackle brecciation.	83.80	84.30	43568	0.50	1.14	0.033
88.80	89.10	5CfBX	CfBX	Cherty Matrix BX	m-iD 5Ca with distinct pale-medium grey chert/chalcedony fracture filling. 40% angular QV fragments. Minor muddy py, No PDO.	88.80	89.10	43569	0.30	0.19	0.006
89.10	92.90	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Weak Mariposite. Moderate crackle brecciation.	GS-6	0.00	43570	0.00	10.10	0.295
92.90	96.60	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, pale-medium green, meta-basalts. UC on slip @35TCA.						
96.60	97.80	5Ca		Volcanics	Moderately to intensely dolomitized fine grained, competent, massive, buff meta-basalts. Few QCA str.						
97.80	98.10	5CaBX	BX	Volcanics, BX'd	Weakly laminated qstrs/BX zone @45TCA.	97.80	98.10	43571	0.30	0.13	0.004
98.10	98.70	5Ca		Volcanics	m to iD weak CBX.	98.10	98.70	43572	0.60	0.30	0.009
98.70	100.05	5CfBX	CfBX	Cherty Matrix BX	Black matrix breccia with 20% angular to partially digested milky white Q frags. 10% muddy py.	98.70	99.20	43573	0.50	0.33	0.010
						99.20	99.70	43574	0.50	0.10	0.003
						99.70	100.05	43575	0.35	0.26	0.008
100.05	102.40	5CaBX	BX	Volcanics, BX'd	Brecciated moderately dolomitized meta-basalts. Minor CfBX.						
102.40	141.20	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Dry. 102.4-108 mD.						
141.20	144.30	QSTRZ	QSTRZ	Quartz Stringer Zone	Very weak quartz stringer zone with m to iD altered halo. 141.3-141.35 Milky qstr @ 10TCA. iD mCBX wall rock. 142.8-145.25 1.5cm TW QCa str @10TCA. 149.2-144.3 Weak black matrix breccia. No SX of note within zone.	141.20	141.80	43576	0.60	<0.05	0.001
						141.80	142.30	43577	0.50	<0.05	0.001
						142.30	142.80	43578	0.50	<0.05	0.001
						142.80	143.00	43579	0.20	<0.05	0.001
						GS-7	0.00	43580	0.00	5.02	0.146
						143.00	143.25	43581	0.25	0.06	0.002

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-17			
Collar Details				Notes:				Started		June 14, 2004					
Longitude		61773.20 E		Rory : QV - 105.75 to 108.25 : 0.062 oz/t Au over 2.5 m (1.45m TW) , VG				Finished		June 16, 2004					
Latitude		64718.75 N						Logged By:		M.J.Glover					
Elevation		1283.13 m ASL						Tests		Depth		Az		Dip	
End of Hole		166.50 m								0.0		105.0		-69.0	
Azimuth		105.0								107.3		106.0		-70.0	
Dip		-69.0								162.8		106.5		-70.6	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	20.40	OB		Overburden	Casing through Overburden Note to 23.5 is blocky then good RQ and recovery with minor FeOX on fracs to 35m.										
20.40	23.10	5Ce		Cherty Tuff / Tuffaceous chert	Mostly very dark grey fractured chert with minor 5CawD. Observed this unit associated with 7 in other hole.										
23.10	23.60	5Ca		Volcanics	Weakly dolomitized weakly brecciated fine grained, medium green, meta-basalts.										
23.60	28.80	5CaiD		Volcanics, IntDol	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
28.80	28.85	QSTR	QSTR	Quartz Stringer	Composite 15cm CfBX with 15cm qstr @ 60TCA. 5% muddy py. 3% mgr py.	28.80	28.85	43589	0.05	<0.05	0.001				
28.85	30.20	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts.	GS-6	0.00	43590	0.00	10.10	0.295				
30.20	30.45	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.	30.20	30.80	43591	0.60	<0.05	0.001				
30.45	30.50	QSTR	QSTR	Quartz Stringer	4cm TW milky QSTR @45TCA. No SX of note.										
30.50	30.80	5CaiD		Volcanics, IntDol	iD alt'n halo.										
30.80	34.30	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Dry.										
34.30	35.40	QSTRZ	QSTRZ	Quartz Stringer Zone	iD iCBX 5Ca with minor QCa strs over 1st 50cm @40TCA and 2cm TW str @ 35.3	34.30	34.80	43592	0.50	<0.05	0.001				
						34.80	35.40	43593	0.60	<0.05	0.001				
35.40	36.60	5Ca		Volcanics	Moderately to intensely dolomitized.										
36.60	36.80	QSTR	QSTR	Quartz Stringer	7cm TW @25TCA. Moderately fractured milky white Q with minor inclusions. Of note, 1 2x2cm patch of 30% clotty py.	36.60	36.80	43594	0.20	<0.05	0.001				

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
36.80	37.10	5CaID		Volcanics, IntDol	Intensely dolomitized intensely crackle brecciated Buff alt'n with iCBx and fine-grained disseminated py throughout.						
37.10	37.50	5CaBX	BX	Volcanics, BX'd	viCBX with GF/Sil matrix. @25TCA						
37.50	42.40	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. iK zone over 50cm@38.7m						
42.40	43.00	5CaID		Volcanics, IntDol	iD alteration halo to 5cm composite CfBX/QCa str @ 42.7 @45TCA.	42.40	43.00	43595	0.60	<0.05	0.001
43.00	49.20	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium to dark green, meta-basalts.						
49.20	51.75	5CaID		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with iCBx and fine-grained disseminated py throughout.						
51.75	52.20	QSTRZ	QSTRZ	Quartz Stringer Zone	30% 0.6-2cm grey sil laminae/strs in iD 5Ca. No SX of note.	51.75	52.20	43596	0.45	<0.05	0.001
52.20	68.60	5CaID		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.						
68.60	69.30	5CaBX	BX	Volcanics, BX'd	viCBX with GF/Sil matrix.						
69.30	70.50	5CaID		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Blocky core						
70.50	70.60	5CaBX	BX	Volcanics, BX'd	viCBX with GF/Sil matrix.						
70.60	70.90	QSTR	QSTR	Quartz Stringer	Polyphase irregular milky white qstr. No SX.	70.60	70.90	43597	0.30	0.74	0.022
70.90	72.30	5CaBX	BX	Volcanics, BX'd	viCBX with GF/Sil matrix. Poor recovery/blocky core.						
72.30	72.70	5Ca		Volcanics	Weakly to moderately dolomitized moderately crackle brecciated. Few milky str.						
72.70	73.00	5CaBX	BX	Volcanics, BX'd	Black matrix breccia (viCBX with GF/Sil matrix.)						
73.00	73.50	5Ca		Volcanics	Weakly dolomitized fine grained, blocky, medium green, meta-basalts.						
73.50	74.80	5CaID		Volcanics, IntDol	Intensely dolomitized meta-basalts. Minor vuggy QCa str.						
74.80	79.30	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Good RQ. Fracture zone with Ca at LC.						
79.30	81.80	5CaID		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n.						
81.80	82.60	5CaBX	BX	Volcanics, BX'd	viCBX. Weak PDO @ 60TCA						
82.60	86.30	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green. Wk Frac at contact.						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
86.30	87.55	5CaBX	BX	Volcanics, BX'd	iCBX'd mD 5Ca grades over 0.8m into black matrix breccia with angular QV and mm scale iD fragments.						
87.55	89.10	5Ca		Volcanics	Weakly to moderately dolomitized iCBX'd. Moderate fracture zone @ 88.8-89.1						
89.10	91.20	5Ca		Volcanics	mD iCBX. Buff. Pervasive viCBX						
91.20	97.40	5Ca		Volcanics	Variable w-m CBX with local white QCa str. No PDO.						
97.40	99.40	5Ca		Volcanics	Moderately dolomitized mCBX'd						
99.40	103.40	5Ca		Volcanics	Moderately to intensely dolomitized with miCBX. Yellow alt'n overprint.	103.00	103.45	43598	0.45	0.37	0.011
103.40	104.80	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak quartz stringer zone in 5CaiD with 3% mgr py patches	103.45	103.80	43599	0.35	0.10	0.003
						GS-4	0.00	43600	0.00	3.52	0.103
						103.80	104.30	43601	0.50	0.13	0.004
						104.30	104.80	43602	0.50	0.17	0.005
104.80	105.75	QVBX	QVBX	Quartz Vein BX	Melange of milky white QV and Dark grey/Black matrix. @45TCA	104.80	105.30	43603	0.50	0.08	0.002
						105.30	105.75	43604	0.45	0.07	0.002
105.75	108.25	QV	HW	Quartz Vein	Predominantly dry milky white Q. Weakly fractured. Minor secondary grey quartz. @45TCA. 105.75-106.3 has Tr cpy, py, tet and 2 1/4mm specks VG. 107.3-107.8 Tr sph	105.75	106.30	43605	0.55	9.58	0.279
108.25	108.55	QVBX	QVBX	Quartz Vein BX	Black silica matrix with disrupted quartz frags. Mgr py in minor qstrs	106.30	106.80	43606	0.50	<0.05	0.001
						106.80	107.30	43607	0.50	<0.05	0.001
						107.30	107.80	43608	0.50	<0.05	0.001
						107.80	108.25	43609	0.45	0.05	0.001
						GS-6	0.00	43610	0.00	10.20	0.297
						108.25	108.55	43611	0.30	0.22	0.006
108.55	113.10	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.	108.55	109.00	43612	0.45	0.16	0.005
113.10	115.90	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts.						
115.90	118.00	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. Blocky with FeOX on fractures.						
118.00	119.10	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts.						
119.10	120.90	QSTRZ	QSTRZ	Quartz Stringer Zone	10% 0.5-5cm irregularly oriented milky white qstrs in iD 5Ca.vfgr muddy py on selvages and cgr drusy calcite. No	119.10	119.60	43613	0.50	<0.05	0.001
						119.60	120.30	43614	0.70	<0.05	0.001

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					PDO brittle selvages.	120.30	120.90	43615	0.60	<0.05	0.001
120.90	124.40	5Ca		Volcanics	Moderately dolomitized fine grained, weakly locally BX'd buff green, meta-basalts.						
124.40	124.60	5CfBX	CfBX	Cherty Matrix BX	Weak low angle pale grey chalcedony matrix breccia						
124.60	125.20	5Ca		Volcanics	Moderately dolomitized fine grained, weakly locally BX'd buff green, meta-basalts.						
125.20	125.95	QSTR	QSTR	Quartz Stringer	Disrupted irregular high angle milky white bull qstr.						
125.95	128.50	5Ca		Volcanics	Moderately dolomitized fine grained, weakly locally BX'd buff green, meta-basalts. 126.7-126.75 iCBX						
128.50	130.90	5CaiD		Volcanics, IntDol	Increased alt'n to intensely dolomitized meta-basalts.						
130.90	131.10	QSTR	QSTR	Quartz Stringer	Milky white with 20% blue chl. 2% mgr py. @70TCA	130.90	131.10	43616	0.20	<0.05	0.001
131.10	131.80	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.						
131.80	132.40	5Ca		Volcanics	Weakly to moderately dolomitized fine grained, competent, massive, medium green, meta-basalts.						
132.40	137.90	5Ca		Volcanics	Moderately to locally intensely dolomitized wCBX. Few irregular QCa str.						
137.90	142.40	5CaiD		Volcanics, IntDol	Intensely dolomitized iCBX meta-basalts. Few irregular Qstrs to 1cm.						
142.40	143.25	5CfBX	CfBX	Cherty Matrix BX	Medium grey sil matrix hosting 60% angular white q frags to 3cm	142.40	143.25	43617	0.85	0.10	0.003
143.25	144.00	5CfBXb	BB	Cherty Matrix BX, Black	Black G sil py matrix with fine angular q frags.	143.25	143.70	43618	0.45	<0.05	0.001
144.00	145.50	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. mPervasive BX'n. Minor QCa str.	143.70	144.20	43619	0.50	0.07	0.002
145.50	146.60	5CfBX	CfBX	Cherty Matrix BX	Dark grey/black sil matrix with angular 5CaiD fragments.	GS-7	0.00	43620	0.00	4.97	0.145
146.60	147.90	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.						
147.90	148.00	FLT	FLT	Fault	G slip Part of BX system?						
148.00	150.80	5Ca		Volcanics	Moderately to intensely dolomitized fine grained meta-basalts.						

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-18	
Collar Details			Notes:				Started		June 16, 2004		
Longitude	61772.32	E	Rory : QV - 102.4 to 105.2 : 0.224 oz/t Au over 2.8 m				Finished		June 19, 2004		
Latitude	64719.50	N	(1.69m TW) , VG				Logged By:		M.J.Glover		L.C.Hunt
Elevation	1282.78	m ASL					Tests		Depth	Az	Dip
End of Hole	185.10	m					0.0		102.0	-65.0	
Azimuth	102.0						76.8		99.0	-66.9	
Dip	-65.0						156.1		98.0	-67.6	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
0.00	23.50	OB		Overburden	Casing through Overburden						
23.50	23.80	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.						
23.80	24.40	5CaBX	BX	Volcanics, BX'd	Brecciated moderately dolomitized meta-basalts with py sil in angular fractures						
24.40	25.10	5Ca		Volcanics	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.						
25.10	35.90	5CaiD		Volcanics, IntDol	mi CBX, Patchy muddy py. Few py filled fracs. Few grey sil strs/lam. FeOX on irregular fractures.						
35.90	36.20	5CfBX	CfBX	Cherty Matrix BX	Pale grey chalcedonic Breccia matrix +/- 10% overall. Relatively weak structure.						
36.20	38.50	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout.						
38.50	40.90	5CfBX	FLT	Cherty Matrix BX	38.5-38.9 ipy sil low angle slip @20TCA 38.9-40.9 iBX-iCBX local CfBX. Pale grey chalc.						
40.90	42.80	5CaiD		Volcanics, IntDol	Classic intensely dolomitized meta-basalts. Buff alt'n with miCBx and fine-grained disseminated py throughout. I Frac'd and FeOX' d						
42.80	43.00	QSTR	QSTR	Quartz Stringer	Composite grey chalcedony and creamy calcite str @55TCA						
43.00	48.60	5Ca		Volcanics	Moderately dolomitized weakly crackle brecciated fine grained Few FeOX stained fracs and minor Q Ca strs to 1cm.						
48.60	57.70	5Ca		Volcanics	Moderately to intensely dolomitized. (No py). Some sil sweating. viCBX with local BX zones.						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
57.70	62.70	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. Minor weak frac and BX zones.						
62.70	64.00	FLT	FLT	Fault	w FLT/frac zone from 5CawD to 5CamD BX						
64.00	65.40	5CaiD		Volcanics, IntDol	iCBX 5Ca viCBX @ 64.8						
65.40	65.85	QSTR	QSTR	Quartz Stringer	Irregular milky white qstr with iD inclusions. iG slip on FW contact @40TCA. Minor muddy py at 65.4-65.65	65.40	65.65	43621	0.25	0.72	0.021
65.85	66.50	5CaiD		Volcanics, IntDol	viD black to buff iD						
66.50	67.40	5Ca		Volcanics	miD mCBX buff-yellow						
67.40	67.45	QSTR	QSTR	Quartz Stringer	5cm TW milky qstr @45TCA. No SX of note.	67.40	67.45	43622	0.05	<0.05	0.001
67.45	70.10	5CaiD		Volcanics, IntDol	iCBX buff. Few QCa str to 1cm. Local patchy and disseminated medium grained py.						
70.10	70.65	5CfBX	CfBX	Cherty Matrix BX	Possibly remobilized black cherty matrix breccia with qstr overprint. Black sil matrix + 50% 1-3mm rounded 5Ca fragments and 5% mgr diss pr. Hosts 20% irregular 3-5cm milky white qstrs. HW contact@75TCA marked by qstr (dry) FW @90TCA marked by G slip and QCa str/8cm.	70.10	70.65	43623	0.55	1.14	0.033
70.65	71.50	5CaiD		Volcanics, IntDol	viCBX buff and G on frac filling +sil floods and minor low angle qstrs.						
71.50	81.40	5Ca		Volcanics	Pale-medium green wD wCBX. Minor QCa str						
81.40	81.70	5Ca		Volcanics	Buff mCBX with FeOX staining on fracs						
81.70	81.90	5Ca		Volcanics	vi CBX zone @ 30-60TCA. G/Sil and sub-angular wall rock fragments.						
81.90	88.30	5Ca		Volcanics	iCBX. FeOX stained fracture zone with some rubbly core to 86.8m Blocky.						
88.30	88.85	QSTR	QSTR	Quartz Stringer	Very low angle wkly FeOX stained QCa str in iD 5Ca. No SX of note	88.30	88.85	43624	0.55	<0.05	0.001
88.85	93.20	5CaiD		Volcanics, IntDol	viCBX buff 5CaiD						
93.20	93.60	5CfBX	CfBX	Cherty Matrix BX	Weak composite fracture zone with some medium grey chalcedonic fracture filling and minor QCa str (vuggy) +/- 30TCA						
93.60	94.85	5CaiD		Volcanics, IntDol	iCBX 5CaiD Minor sil floods.						
94.85	95.00	QSTR	QSTR	Quartz Stringer	8cm TW glassy and milky white QCA str with 70% angular xenos.						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
95.00	98.00	5CaID		Volcanics, IntDol	Minor vuggy/drusy Q/Ca str in iCBX 5CaID						
98.00	102.40	QSTRZ	QSTRZ	Quartz Stringer Zone	Few qstrs in HW zone of vein in 5CaID iCBX ipy classic. Avg @45TCA. 98.0-98.8 25% str 98.8-99.6 10% str in shr 99.6-100.4 20% str 100.4-101.2 20cm diffuse flood 101.2-101.95 5% dry str	98.00	98.80	43625	0.80	0.40	0.012
						98.80	99.60	43626	0.80	0.65	0.019
						99.60	100.40	43627	0.80	0.21	0.006
						100.40	101.20	43628	0.80	0.58	0.017
						101.20	101.95	43629	0.75	0.65	0.019
						GS-4	0.00	43630	0.00	3.31	0.097
						101.95	102.40	43631	0.45	0.59	0.017
102.40	105.20	QV	HW	Quartz Vein	Relatively homogenous weakly fractures milky white QV @40TCA. Minor concentration of honey sphalerite @103-35-104 with clots to 1x2cm. Very little mgr py. Tr tet. 102.4-102.95 Tr sph. Cpy. Tet. 2 specks VG 102.95-103.5 As above + Tr py and 1 speck VG 103.5-104.55 iD iCBX qstrs 5Ca inclusion/xeno. 104.55-105.2 mgr py and ser with inclusions	102.40	102.95	43632	0.55	22.10	0.645
						102.95	103.50	43633	0.55	15.55	0.454
						103.50	104.35	43634	0.85	0.52	0.015
						104.35	104.75	43635	0.40	0.26	0.008
						104.75	105.20	43636	0.45	0.51	0.015
105.20	105.55	QSTRZ	QSTRZ	Quartz Stringer Zone	Irregular milky white str in iD 5Ca	105.20	105.55	43637	0.35	0.41	0.012
105.55	110.50	5Ca		Volcanics	mD iCBX few qvts to 3cm						
110.50	121.70	5Ca		Volcanics	Moderately to intensely dolomitized iCBX						
121.70	121.80	5CfBX	CfBX	Cherty Matrix BX	Medium grey chalcedony matrix.						
121.80	160.80	5Ca		Volcanics	121.8-128.5 5CamD. Wk shear fabric locally 128.5-151.5 5CawD w-mK Locally pervasive Local wk BX'n Few QCa str to 2cm. No PDO. 151.5-154.6 5Ca wmd Localized translucent white Q floods/stockworks and stringers. Local drusy calcite 154.6-156.6 5Ca wD mCBX wk minor local 5CaBX at 155 156.6-160.8 5CawD wCBX.						
160.80	162.10	5CaID		Volcanics, IntDol	mCBX with localized 1cm iCBX normal TCA at 30cm intervals						
162.10	162.70	5CaID		Volcanics, IntDol	Contact zone. Low angle (20) upper contact 30% white disrupted QV str and 20% muddy py. Locally shear laminated CaiD	162.10	162.70	43638	0.60	0.38	0.011
162.70	164.15	QV	QV	Quartz Vein	Milky while variably fractured with muddy py and G fracture	162.70	163.40	43639	0.70	0.95	0.028

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log				04MM-19		
Collar Details			Notes:				Started		June 19, 2004				
Longitude	61738.84	E	Rory : QV - 138.8 to 141.7 : 0.463 oz/t Au over 2.9 m (2.29m TW) , VG				Finished		June 21, 2004				
Latitude	64757.33	N					Logged By:		L.C.Hunt		M.J.Glover		
Elevation	1285.15	m ASL					Tests		Depth	Az	Dip		
End of Hole	175.90	m							0.0	102.0	-51.0		
Azimuth	102.0								101.2	102.0	-52.0		
Dip	-51.0								174.4	102.0	-53.7		
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t		
0.00	27.40	OB		Overburden	Casing through Overburden								
27.40	28.00	5CfBX	CfBX	Cherty Matrix BX	Pale-medium grey chert/chalcedony matrix with angular 5Ca iD wall rock fragments. No PDO								
28.00	30.40	5CaiD		Volcanics, IntDol	iCBX numerous 1-5cm zones of 5CiDBX with dark grey matrix (py/gf) with iD frags.								
30.40	30.50	QVLT	QVLT	Quartz Veinlet	'@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.	30.40	30.50	43645	0.10	<0.05	0.001		
30.50	31.20	5CaBX	BX	Volcanics, BX'd	Dark grey matrix (iG/py) with angular and rounded 5CaiD frags.								
31.20	31.80	FLT	FLT	Fault	iK gouge and rubbly core. Numerous g slips								
31.80	35.90	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts. Buff alt'n with iCBX.								
35.90	42.30	5Ca		Volcanics	wD wCBX local iCBX to 2-3 cm. LC marked by Qvlt with iCBX selvages								
42.30	44.90	5CaiD		Volcanics, IntDol	iD iCBX								
44.90	49.30	5CaiD		Volcanics, IntDol	Pale grey-creamy chalcedony (locally dark grey) hosts digested yellow mD fragments. Irregular QCa vlt is disrupted throughout unit. Discrete LC @ 10TCA								
49.30	51.90	5Ca		Volcanics	mD iCBX								
51.90	53.30	5CaiD		Volcanics, IntDol	iCBX numerous 1-5cm zones of 5CiDBX with dark grey matrix (py/gf) with iD frags.								
53.30	57.50	5Ca		Volcanics	mD w-mCBX. Few localized 1cm 5CaBX fracture zones 55.0-56.8 rel msv. wD 56.8-57.5 mD, mCBX								
57.50	57.90	5CfBX	CfBX	Cherty Matrix BX	Very low angle TCA. UC marked by 3cm muddy py band @ 20TCA. Pale grey chal matrix hosts QV frags and iD 5Ca frags. Avg 3mm, rounded.								

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
57.90	59.90	5Ca		Volcanics	mD mCBX						
59.90	61.40	5CaBX	BX	Volcanics, BX'd	m-iD fragments in l graphite siliceous iCBX matrix.						
61.40	71.60	5Ca		Volcanics	wD wCBX. 68.7-71.6 mD iCBX						
71.60	72.70	5CaBX	BX	Volcanics, BX'd	UC discrete 3cm iG/py band @45TCA. Graphitic chloritic matrix hosts w-mD fragments. LC 3cm band with graphitic siliceous matrix with QVB and mD 5CA frags to 1mm @ 70TCA.						
72.70	82.85	5Ca		Volcanics	72.7-78.3 mD wCBX. Few zones of wD (gradational) 78.3-82.85 mD iCBX grades to iD iCBX						
82.85	83.75	5CaBX	BX	Volcanics, BX'd	2cm low angle QCa vlt in a wk 5CaBX mD. QCa vlt has G selvages with muddy py bands on mm scale.						
83.75	92.60	5Ca		Volcanics	w-mD wCBX. Few local iCBX. Few white 2-10mm barren qvlt towards strz						
92.60	95.90	QSTRZ	QSTRZ	Quartz Stringer Zone	20% white qvlt in mD iCBX 5Ca. Vlt are irregular from 2mm to 10cm. Local shear fabric @25TCA. 1 speck sph @ 95.1 otherwise no SX	92.60	93.25	43646	0.65	12.55	0.366
						93.25	93.90	43647	0.65	0.86	0.025
						93.90	94.55	43648	0.65	28.70	0.837
						94.55	95.10	43649	0.55	0.40	0.012
						GS-9	0.00	43650	0.00	1.99	0.058
						95.10	95.50	43651	0.40	0.39	0.011
95.50	95.90	43652	0.40	0.40	0.012						
95.90	97.00	FLT	FLT	Fault	iFeOX fractured core.						
97.00	98.65	5Ca		Volcanics	wD local iCBX						
98.65	99.50	5Ca		Volcanics	Top 10cm is iK gouge. mD, mCBX						
99.50	101.50	5CaiD		Volcanics, IntDol	iD iCBX with few muddy py patches to 5cm. Few vuggy white Qvlt. LC is barren 1cm vuggy white QCa vlt@40TCA						
101.50	108.25	5Ca		Volcanics	wD mCBX with few local iCBX zones.						
108.25	108.90	5Ca		Volcanics	mD iCBX LC marked by vuggy barren 3cm QCa vlt. Irregular contact.						
108.90	111.75	5Ca		Volcanics	w-mD wCBX. Few barren QCa vlt (3mm)						
111.75	113.90	5Ca		Volcanics	mD iCBX. UC marked by 5CaBX with G matrix hosting rounded to angular iD fragments 2-10mm						
113.90	115.40	5Ca		Volcanics	mD mCBX LC marked by irregular white 2cm QCa vlt with muddy py selvages						
115.40	117.90	5Ca		Volcanics	wD w-mCBX. LC discrete G slip @ 10TCA						
117.90	119.50	5CaiD		Volcanics, IntDol	iD iCBX with irregular white 5cm Q vlt @ 10TCA						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
119.50	120.80	5Ca		Volcanics	mD mCBX. Very weak shear fabric@ 15-20TCA. LC i vuggy iFeOX clay filled frac with muddy py @80TCA. Discrete.						
120.80	121.50	5CfBX	CfBX	Cherty Matrix BX	Pale to medium grey chalc matrix hosts 80% rounded and angular mD fragments. LC discrete @80-TCA						
121.50	122.30	5Ca		Volcanics	mD w local CBX						
122.30	124.80	5CaiD		Volcanics, IntDol	iD wM. Local miCBX. wFLT @ 122.8						
124.80	136.20	5CaiD		Volcanics, IntDol	wM iD generally wCBX. Few local 3-5cm iCBX (Blocky FeOX from 127-131) 1cm 5CfBX @20TCA at 132.2. Few white QvIts (irregular) to 2cm. Vuggy.						
136.20	138.60	5CaiD		Volcanics, IntDol	iD mM. Yellow alt'n tinge.	138.10	138.80	43653	0.70	0.80	0.023
138.60	138.80	QSTRZ	QSTRZ	Quartz Stringer Zone	Irregular white quartz veinlet. 2cm. No SX in iD iCBX 5Ca.						
138.80	141.70	QV	HW	Quartz Vein	Hanging wall is discrete @35TCA with graphitic muddy py slip. 138.8-141.7 QV Total 8 specks VG. 3 specks VG in HW contact zone. mgr py clots and disseminations along stylolitic fractures. Top 10cm of interval is well mineralized. 139.3-140.5 QC vlt sub-parallel TCA. Drusy FeOX stained calcite. 139.8 Best conc. of cpy, sph, tet, py and VG 140.5-141.2 Dry except for 1 speck VG @ 141.2 <1% SX OA. FW indistinct with 20cm contact breccia with partially digested iD mM 5Ca fragments. Grey secondary qtz hosts bulk of SX and VG.	138.80	139.30	43654	0.50	58.90	1.718
						139.30	139.80	43655	0.50	6.85	0.200
						139.80	140.30	43656	0.50	12.00	0.350
						140.30	140.80	43657	0.50	0.26	0.008
						140.80	141.20	43658	0.40	7.80	0.227
						141.20	141.70	43659	0.50	7.83	0.228
						GS-9	0.00	43660	0.00	1.68	0.049
141.70	142.85	5CaiD		Volcanics, IntDol	iD mCBX	141.70	142.20	43661	0.50	2.05	0.060
						142.20	142.85	43662	0.65	0.77	0.022
142.85	143.45	QSTRZ	QSTRZ	Quartz Stringer Zone	24% 1-5cm milky qstrs @ 40TCA in classic iCBX 5CaiD	142.85	143.45	43663	0.60	0.69	0.020
143.45	149.20	5CaiD		Volcanics, IntDol	w-mCBX buff 5Ca iD. Few 5-10mm qstrs locally.						
149.20	160.55	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak quartz stringer zone in variably CBX'd 5CaiD classic. Avg 45TCA. Milky white weakly fractured Qtz with minor mgr py locally. 10% Qtz OA. 153.5-153.8 wk CF/Ca BX 160-160.55 wk CF/Ca BX	149.20	150.00	43664	0.80	1.30	0.038
						150.00	150.60	43665	0.60	1.39	0.041
						150.60	151.60	43666	1.00	0.92	0.027
						151.60	152.60	43667	1.00	0.07	0.002
						152.60	153.60	43668	1.00	1.27	0.037

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-20			
Collar Details				Notes:				Started		June 22, 2004					
Longitude		61738.84 E		Rory : QSTRZ - 131.3 to 133.5 : 0.046 oz/t Au over 2.2 m (1.66m TW) , Weak py, cpy, tet				Finished		June 25, 2004					
Latitude		64757.33 N						Logged By:		L.C.Hunt		M.J.Glover			
Elevation		1285.15 m ASL						Tests		Depth		Az		Dip	
End of Hole		163.70 m								0.0		97.0		-47.0	
Azimuth		97.0								80.8		94.0		-50.0	
Dip		-47.0								160.0		94.0		-48.4	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	30.50	OB		Overburden	Casing through Overburden										
30.50	47.90	5Ca		Volcanics	30.5-33.6 mD, m - i clay - Pervasive, blocky core 33.6-41.8 wD, competent, few barren, wht, Qtz/Carbonate veinlets to 0.5cm, no preferred direction of orientation 41.8-43.6 5Ca mD, m-iCBX, buff 43.6-45.7 5Ca very iCBX, m - iD. No pyrite 45.7-47.6 5Ca wD 47.6-47.9 wD										
47.90	48.20	5CaiD		Volcanics, IntDol	shear zone with intense muddy pyrite at 50° TCA										
48.20	48.50	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
48.50	52.30	5Ca		Volcanics	m - iD, iCBX, few white irregular qtz/carbonate veinlets, no preferred direction of orientation										
52.30	54.20	5Ca		Volcanics	mD, m - iCBX										
54.20	54.50	5CfBX	CfBX	Cherty Matrix BX	medium grey chalcedonic matrix supports angular 3mm iD fragments, vuggy with FeOx stain on fractures										
54.50	58.70	5Ca		Volcanics	m - iD, iCBX, dolomite altered halo to 5cm 5Ca very iCBX 55.0-58.7 mD, wCBX, minor local 3cm with shear and iCBX zones, no preferred direction of orientation										
58.70	59.20	5CaiD		Volcanics, IntDol	classic muddy pyritic 5Ca, wD, forms halo to veinlet below numerous muddy pyritic fracture controlled patches										
59.20	59.25	5CfBX	CfBX	Cherty Matrix BX	at 50° TCA 2cm medium dark grey matrix mm scale fragments										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
59.25	59.80	QSTR	QSTR	Quartz Stringer	milky qtz/carbonate stringers 10cm at 30° TCA supports 5Ca iD and 5CfBx fragments muddy pyrite patches						
59.80	59.90	5CfBX	CfBX	Cherty Matrix BX	pale grey matrix at 45° TCA						
59.90	60.80	5CaiD		Volcanics, IntDol	iCBX, local very intense CBX, < 5% - 5mm, irregular qtz/carbonate veinlets, possibly dropped core box!						
60.80	63.60	5Ca		Volcanics	w - mD, variably CBX with zones of 5Ca Bx/viCBX 63.1-63.7 w - mD, wCBX, local viCBX at 40° TCA						
63.60	63.80	5CaBX	BX	Volcanics, BX'd	shear at 20° - 30° TCA (fubarite) Probably sheared 5CaBx with graphitic siliceous pyritic matrix, fragments are indistinct						
63.80	64.40	5Ca		Volcanics	m - iD, iCBX - altered halo to Bx above						
64.40	69.30	5Ca		Volcanics	wD 65.0-66.7 very blocky, possibly core box has been dropped						
69.30	70.00	5CaiD		Volcanics, IntDol	patches muddy pyrite, some graphitic fractures						
70.00	79.00	5Ca		Volcanics	wD, few irregular qtz/carbonate veinlet weak local shears						
79.00	79.20	QSTR	QSTR	Quartz Stringer	white - pale grey at 40° TCA hosts 60% sub angular, 5Ca iD fragments slightly vuggy, no sulphides of note: late cold						
79.20	85.75	5Ca		Volcanics	wD						
85.75	86.10	5CaBX	BX	Volcanics, BX'd	black siliceous matrix, weak preferred direction of orientation at 45, hosts 60% angular, 2-6mm 5Ca iD fragments						
86.10	90.50	5Ca		Volcanics	mD, w - mCBX with few discrete milky qtz stringers to 4cm, average 1cm, at 45 - 60° TCA						
90.50	90.70	5CfBXg	CfBX	Cherty Matrix BX, Graph	at 35° TCA, discrete, siliceous graphitic sheared 5CfBx						
90.70	91.20	5Ca		Volcanics	mD, mCBX						
91.20	91.30	5CfBXg	CfBX	Cherty Matrix BX, Graph	m-iD 5Ca with distinct graphitic cherty/chalcedonic fracture filling. Angular wall rock fragments.						
91.30	91.60	5Ca		Volcanics	mD, mCBX						
91.60	91.90	5CfBXg	CfBX	Cherty Matrix BX, Graph	at 40° TCA						
91.90	96.10	5Ca		Volcanics	mD, wCBX						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
96.10	96.25	5CaBX	BX	Volcanics, BX'd	with 2cm qtz stringers, moderate dark grey mottled siliceous matrix hosts digested iD fragments, 1 speck cpy at 96.15						
96.25	97.10	5CaiD		Volcanics, IntDol	iCBX						
97.10	98.90	5Ca		Volcanics	mD, mCBX with local very intense CBX (5CaBx zone) 5cm						
98.90	99.30	5CaiD		Volcanics, IntDol	classic						
99.30	101.40	5CaBX	BX	Volcanics, BX'd	5CaBx at 70° TCA dark grey/ buff mottled matrix hosts well digested and discrete iD5Ca fragments, Brecciated 5Ca and just classic iD5Ca, numerous patches of muddy pyrite to 2cm, qtz/carbonate veinlets sub parallel to core 1cm and 1 perpendicular TCA, 2cm, vuggy FeOX stained drusy Calcite from 99.8-101.4 qtz veinlet fragments - 100.6 angular 1cm x 2 cm no sulphides in qtz veinlets fragments						
101.40	102.30	5Ca		Volcanics	mD, mCBX, few 0.5cm qtz/carbonate veinlets						
102.30	102.50	5CaBX	BX	Volcanics, BX'd	as above						
102.50	112.60	5Ca		Volcanics	wD, w local CBX m - iK pervasive starts at 103.2-112.2						
112.60	112.90	5CaBX	BX	Volcanics, BX'd	viCBX black siliceous matrix						
112.90	118.65	5Ca		Volcanics	wD as above 114.7-116.1 wD, local mCBX 116.1-117.9 mD yellow weak local muddy pyrite 117.9-118.65 5Ca mD, wCBX						
118.65	118.70	5CfBX	CfBX	Cherty Matrix BX	at 45° TCA, 50% pale medium grey chalcedonic, 30% sheared 5Ca, 30% milky white qtz/carbonate all shear laminated						
118.70	119.50	5Ca		Volcanics	mD, wCBX, local pyrite with graphitic shear at 119.1						
119.50	121.90	5Ca		Volcanics	mD, wCBX, carbonate/graphitic slip at 35° TCA						
121.90	123.00	5CaiD		Volcanics, IntDol	classic and muddy replacement pyrite						
123.00	123.50	5Ca		Volcanics	mD, wCBX as above, light yellow tinge						
123.50	125.60	QSTRZ	QSTRZ	Quartz Stringer Zone	weak, 15% qtz/carbonate veinlets - irregular brittle in 5Ca mD, iCBX	123.50	124.20	43678	0.70	<0.05	0.001
						124.20	124.90	43679	0.70	<0.05	0.001
						GS-4	0.00	43680	0.00	3.47	0.101
						124.90	125.60	43681	0.70	<0.05	0.001

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-21	
Collar Details			Notes:				Started		June 26, 2004		
Longitude	61720.52	E	Rory : QV - 138.1 to 144 : 0.203 oz/t Au over 5.9 m (3.47m				Finished		June 28, 2004		
Latitude	64688.10	N	TW) , VG Heavy py,sph,tet,cpy				Logged By:		L.C.Hunt		M.J.Glover
Elevation	1298.42	m ASL					Tests		Depth	Az	Dip
End of Hole	155.50	m					0.0		86.0	-53.0	
Azimuth	86.0						75.6		83.5	-55.0	
Dip	-53.0						151.8		85.0	-56.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
0.00	22.40	OB		Overburden	Casing through Overburden						
22.40	33.80	5Dd		Graphitic Argillite	Intercalated graphitic mud stones and siltstones few qtz/carbonate veinlets to 3cm, no sulphides, preferred direction of orientation of S2 - 50° TCA						
33.80	34.10	FLT	FLT	Fault	iG gouge						
34.10	39.50	5Dd		Graphitic Argillite	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.						
39.50	41.50	5Dd	SHR	Graphitic Argillite	Intercalated sheared, local graphitic, fissile, Argillite, few shears with qtz/carbonate stringers average 3mm, preferred direction of orientation at 45° TCA						
41.50	43.90	5Ca		Volcanics	Weakly to moderately dolomitized, interbedded/foliated, foliation at 40-20° TCA, light grey, green and mauve						
43.90	44.20	5CfBX	CfBX	Cherty Matrix BX	at 60° TCA, late, cold, brittle qtz/carbonate fracture zone, 2cm 5CfBx in centre of unit, 2cm intense shears at 60°						
44.20	46.10	5Ca		Volcanics	as above						
46.10	47.80	5Ce		Cherty Tuff / Tuffaceous chert	Pale grey, with shear laminated cherty, minor dolomite altered, tuff laminae Mineralization: at 47.4, 1 cgr cpy						
47.80	47.90	QSTR	QSTR	Quartz Stringer	milky white at 30° TCA, bull qtz, no sulphides						
47.90	48.70	5Ce		Cherty Tuff / Tuffaceous chert	as above with more disrupted tuff laminae, wCBX with graphitic/silica fill						
48.70	48.80	5CfBX	CfBX	Cherty Matrix BX	medium grey, very brittle chalcedony, fragments are white qtz, muddy pyrite in patches with few very fine grain, network pyrite in patches to 1cm						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
48.80	49.60	5Ca		Volcanics	light greenish yellow, shear laminations, Sericitic yellow-epoditic green and buff very very fine grain, iD Upper 40cm 1% disseminated mgr pyrite, few clear qtz/carbonate veinlets perpendicular to shear laminae, very indistinct lower contact, no angle						
49.60	51.20	5Ce		Cherty Tuff / Tuffaceous chert	grey, intensely fractured, with amorphous carbon fracture fill, very low angle, 3cm milky white cold qtz carbonate veinlet, irregular near upper contact						
51.20	53.20	5Ca		Volcanics	wD grades quickly (51.3) to mD, weakly shear laminated with Dalt wispy fracture fillings, relatively perpendicular tca, few qtz carbonate veinlets near lower contact 52.2 - 52.9 wD 52.9 - 53.2 mD						
53.20	53.40	5Ce		Cherty Tuff / Tuffaceous chert	small lens of 5ce with qtz carbonate stringer, barren 6cm at 20° tca						
53.40	55.00	5CaiD		Volcanics, IntDol	classic						
55.00	60.40	5Ca		Volcanics	wD, weak shear lamination at 60° TCA, few muddy patches and qtz carbonate veinlets irregular to 1cm						
60.40	61.30	5CaiD		Volcanics, IntDol	muddy pyrite patches dominate						
61.30	61.45	5CfBX	CfBX	Cherty Matrix BX	10cm at 30° TCA, discrete iG contacts, medium grey chalcedonic matrix hosts angular 5CaiD frags and qtz carbonate frags, some fine grained pyrite disseminated in matrix						
61.45	64.00	5CaiD		Volcanics, IntDol	as above						
64.00	74.30	5Ca		Volcanics	mD, m-iCBX, with a 0.5cm pale grey matrix, 5CeBx irregularly strewn through the unit, lower contact of unit is an irregular McDame type qtz stringer with banded calcite and qtz 68.1 - 74.3 wD, m -iCBX 70.4 Mismatch, lost core						
74.30	75.30	5Ca	FLT	Volcanics	wD, mK pervasive, rubbly core						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
75.30	86.40	5Ca		Volcanics	wD, w - mCBX, mK in fractures 78.0 - 80.5 mD, m- i clay in fractures 80.5-82.5 wD, m - local iCBX 82.5 - 83.0 discrete contact at 70° TCA where iSil begins wD, local iCBX to 5CaBx at 82.8 - 83.0						
86.40	86.55	5CaBX	BX	Volcanics, BX'd	very intense CBX, discrete contact at 45°, ground core at lower contact						
86.55	95.00	5Ca		Volcanics	mD, m-iCBX, mSil, at lower contact, white qtz carbonate stringer at 22° TCA 91.7 - 93.2 wD 93.2 - 95.0 w - mD, wCBX note: wM approaching BX below						
95.00	95.70	5CaBX	BX	Volcanics, BX'd	very intense CBX, mG, fine grained pyrite throughout to 3% locally						
95.70	99.00	5Ca		Volcanics	mD intense to moderate CBX, tr M, 2 - 5cm qtz carbonate veinlets, slightly vuggy, no sulphides						
99.00	100.00	5CaBX	BX	Volcanics, BX'd	Very blocky core, dark grey to blue matrix supports iG, iD fragments, matrix/frags 50/50						
100.00	104.00	5Ca		Volcanics	mD, very intense CBX, mSil, minor late McDame type banded, qtz carbonate, cherty veinlets						
104.00	105.30	5CaiD		Volcanics, IntDol	medium grey, classic, m - iSil						
105.30	105.40	QSTR	QSTR	Quartz Stringer	White with creamy carb patches, few very well digested (most likely 5Ca) frags						
105.40	111.10	5Ca		Volcanics	mD, mCBX, mSil, few local very intense CBX zones to 5cm						
111.10	114.60	QSTRZ	QSTRZ	Quartz Stringer Zone	20% qtz veinlets and stringers are hosted in 5CaiD, quartz carbonate veinlets and stringers average 20 - 30° TCA, most quartz carbonate structures have partially to well digested 5Ca frags close to lower contact, 1 -0.25m quartz carbonate stringer at 20° TCA with fresh frags of iD and few graphitic muddy pyritic stylolitic fractures, lower contact is distinct at 25° TCA with banded muddy pyritic graphitic shear Mineralization: Trace fine to medium grained pyrite disseminated in quartz carbonate stringer and veinlets	111.10	111.60	43695	0.50	0.31	0.009
						111.60	112.10	43696	0.50	0.59	0.017
						112.10	112.60	43697	0.50	0.26	0.008
						112.60	113.10	43698	0.50	<0.05	0.001
						113.10	113.60	43699	0.50	0.59	0.017
						GS-7	0.00	43700	0.00	5.23	0.153
						113.60	114.10	43701	0.50	0.48	0.014
						114.10	114.60	43702	0.50	0.36	0.010

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
114.60	114.75	5CfBX	CfBX	Cherty Matrix BX	upper and lower contact distinct at 25° TCA, classic medium grey chalcedonic matrix with mostly qtz carbonate frags angular and rounded, few iD 5Ca frags, muddy pyrite in patches throughout matrix	114.60	114.90	43703	0.30	0.32	0.009
114.75	114.90	QSTR	QSTR	Quartz Stringer	at 25° TCA, white qtz with few mm scale iD5Ca frags (fresh), numerous discontinuous, muddy pyritic graphitic filled fractures						
114.90	115.00	5CaiD		Volcanics, IntDol	halo to above						
115.00	129.80	5Ca		Volcanics	mD , wM, mCBX, local iCBX, patches especially near upper contact of unit 118.1 - 119.9 wD, w - local mCBX 119.9 - 127.2 mD, mottled greenish-yellow, with local shear laminae developed at 45° TCA, w - m clay fracture 123.8 - 127.2 m clay pervasive 127.2 - m - iD muddy pyritic halos on fracture, not classic iD, but a pinkish hue and intense muddy pyrite 127.5 - 127.6 0.1m carb stringer, vuggy, no sulphides						
129.80	130.20	5CaiD		Volcanics, IntDol	classic						
130.20	132.30	QSTRZ	QSTRZ	Quartz Stringer Zone	10% quartz carbonate veinlets in classic iD, very coarse disseminated pyrite in iD5Ca, veinlets are 0.5cm to 3cm 130.7 2cm qtz carbonate veinlet with cpy and clotty medium grained pyrite to 0.5% Mineralization: 130.2 - 130.8 medium grained pyrite in veinlets	130.20	130.80	43704	0.60	0.92	0.027
						130.80	131.40	43705	0.60	0.51	0.015
						131.40	132.30	43706	0.90	0.19	0.006
132.30	136.30	5CaiD		Volcanics, IntDol	classic, few barren qtz carbonate veinlets						
136.30	138.10	QSTRZ	QSTRZ	Quartz Stringer Zone	30% quartz carbonate veinlets and stringers in iD5Ca - classic, very coarse grained pyrite Mineralization: trace medium grained pyrite especially at veinlet savages.	136.30	136.80	43707	0.50	0.35	0.010
						136.80	137.30	43708	0.50	0.74	0.022
						137.30	137.70	43709	0.40	0.41	0.012
						GS-4	0.00	43710	0.00	3.50	0.102
						137.70	138.10	43711	0.40	0.51	0.015
138.10	143.50	QV	HW	Quartz Vein	138.1 - 139.0 snow white qtz vein, weakly vuggy, few late mm scale qtz veinlets 139.0 - 140.5 white qtz with few iG, iD5Ca frags, not really QVBX 140.5 - 141.0 snow white qtz, weakly vuggy, late crosscutting, clear, mm scale qtz veinlets	138.10	138.60	43712	0.50	<0.05	0.001
						138.60	139.00	43713	0.40	0.06	0.002
						139.00	139.50	43714	0.50	0.18	0.005
						139.50	140.00	43715	0.50	0.05	0.001
						140.00	140.50	43716	0.50	0.09	0.003
					140.50	141.00	43717	0.50	0.06	0.002	

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					141.0 - 141.5 QV with numerous graphitic filled fractures to 2 cm	141.00	141.50	43718	0.50	7.46	0.218
						141.50	142.00	43719	0.50	9.39	0.274
					141.5 - 142.0 QVBX is 20 cm of this sample, 1 - 2cm vug with 1cm drusy calcite, frags of white qtz in grey qtz, sulphides in both matrix and within frags,(ie. not over both - frags were mineralized before)	GS-9	0.00	43720	0.00	2.07	0.060
						142.00	142.50	43721	0.50	13.05	0.381
						142.50	143.00	43722	0.50	13.30	0.388
					142.0 - 142.5 White qtz with graphitic fractures to 0.5cm not dominating like in 43717-18 heavily mineralized	143.00	143.50	43723	0.50	0.07	0.002
					142.5 - 143.5 Graphitic fractures, late clear qtz, mm scale veinlets. Mineralization: 138.1 - 138.6 medium grained pyrite especially at contact, trace medium grained pyrite disseminated 139.0 - 139.5 mgr py disseminated 139.5 - 140.0 Total Sulphides: 2%, coarse grained sph, trace mgr py 140.0 - 140.5 cgr sph, mgr py 140.5 - 141.0 trace mgr py, cgr sph to 2cm 141.0 - 141.5 mgr sph, mgr py, cgr py, 1 speck VG, fgr -cgr py, sph clotty, mgr py patches to 1cm 141.5 - 142.0 mgr sph, cgr py, py in patches to 3 cm, Total s 142.0 - 142.5 Total Sulphides 3% sph, py, cpy, tet 142.5 - 143.0 Total Sulphides 3% tet, cpy, sph, py 143.0 - 143.5 Trace py, sph, tet, cpy, 143.5 - 144.0 Total Sulphides 1% py, sph, tet, cpy, 6 specks						
143.50	144.00	QVBX	QVBX	Quartz Vein BX	Hanging wall at 20° TCA, footwall is grey qtz hosting white and qtz frags and iG 5Ca frags, moderately vuggy	143.50	144.00	43724	0.50	38.80	1.132
144.00	144.60	QSTRZ	QSTRZ	Quartz Stringer Zone	Footwall Stringer Zone, 15% white qtz/carbonate veinlets, few fresh iD 5Ca fragments Mineralization: footwall stringer, mgr py in some veinlets to 20%	144.00	144.60	43725	0.60	5.46	0.159
144.60	149.10	5CaID		Volcanics, IntDol	iCBX, mG, wM						
149.10	149.30	5CaBX	FLT	Volcanics, BX'd	at 10° tca, grey to blue matrix, hosts iD frags and barren quartz vein frags, v. angular frags, muddy pyrite bands parallel to Bx						
149.30	151.10	5CaID		Volcanics, IntDol	muddy pyrite fractures						

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-22		
Collar Details			Notes:				Started		June 29, 2004			
Longitude	61720.52	E	Rory : QV - 131.4 to 141.9 : 0.379 oz/t Au over 10.5 m				Finished		July 2, 2004			
Latitude	64688.10	N	(7.17m TW) , VG Heavy py,sph,tet,cpy				Logged By:		L.C.Hunt			
Elevation	1298.42	m ASL	WB : QV - 149.4 to 151.4 : 2.931 oz/t Au over 2 m (1.37m				Tests		Depth	Az	Dip	
End of Hole	195.40	m	TW) ,						0.0	100.0	-56.0	
Azimuth	100.0								69.8	90.0	-57.0	
Dip	-56.0								130.8	85.5	-59.5	
									191.7	87.0	-59.8	
Depth	From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
	0.00	24.40	OB		Overburden	Casing through Overburden						
	24.40	39.40	5Dd		Graphitic Argillite	competent black graphitic interbedded mudstones and siltstones, moderate laminae at 80° TCA, mudstones/siltstones - 90/10, most silty material is boudins within laminations, few irregular carbonate veinlets, average 1cm up to 10cm, weak fault at 35.7, lower contact ground 3.1m of core (5Dd)						
	39.40	41.80	5Ca		Volcanics	upper contact is brecciated, black matrix with barren qtz vein fragments and 1cm qtz veinlet, contact at 25° TCA, discrete, mD, m - i clay, pervasive						
	41.80	48.90	5Ce	FLT	Cherty Tuff / Tuffaceous chert	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.						
	48.90	60.40	5Ca		Volcanics	48.9-52.8 wD 52.8-53.8 mD cherty tuffs 53.8-57.8 mD mottled, greenish/grey buff with numerous graphitic silica filled fractures, intense clay fractures with numerous FeOX coated fracture planes, few muddy pyritic patches to 3cm 57.8-64.4 mD, m - iCBX grading to iCBX						
	60.40	60.75	5CaBX	BX	Volcanics, BX'd	at 25° TCA, black pyritic matrix hosts, m - iD5Ca fragments, fragments average mm scale to 1cm						
	60.75	62.00	5Ca	FLT	Volcanics	iD 5Ca, iCBX, very rubbly core, iFeOX fractures						
	62.00	62.30	5CfBX	CfBX	Cherty Matrix BX	FLT dark grey chalcedonic matrix hosts iD 5Ca fragments and quartz vein fragments, fgr pyrite in matrix disseminated, broken core, contact indiscernible						
	62.30	75.00	5Ca		Volcanics	m - iD, wM, locally mCBX, local iCBX zones to 10cm						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
75.00	77.50	5Ca	FLT	Volcanics	mD, wCBX, intensive broken core, mFeOx fractures, local iK gouge						
77.50	95.70	5Ca		Volcanics	w - mD, wCBX, local iCBX to 10cm few barren 1cm quartz carbonate veinlets, no sulphides, no preferred direction of orientation						
95.70	96.00	5CaBX	FLT	Volcanics, BX'd	80° TCA, iG sheared 5Ca, 3cm 5CaBx in center of unit, iD, iG, iCBX fragments, muddy pyritic filled fractures within shear planes and matrix as patches to 1cm						
96.00	105.00	5Ca		Volcanics	w - mD, iCBX, lower contact at 25° TCA						
105.00	105.90	5Ca		Volcanics	wD, mottled greenish yellow						
105.90	107.10	5CaiD		Volcanics, IntDol	associated halo is a weak graphitic shear and barren quartz carbonate veinlet						
107.10	111.90	5Ca		Volcanics	mD, w - mCBX, local iCBX, pale grey/green						
111.90	117.30	5Ca		Volcanics	mD, yellow, mCBX, local 2-3cm iCBX, few quartz carbonate veinlets, no preferred direction of orientation, barren, local wM 114.9-117.3 vuggy with drusy Calcite to 0.5cm						
117.30	117.90	5CfBX	CfBX	Cherty Matrix BX	light to medium grey chalcedony in a network of veinlets and fractures as fill, host mD (yellow) fragments, mm scale to 1cm, angular, host to this system is 5Ca - mD yellow, trace pyrite in 5CfBx						
117.90	119.20	5Ca		Volcanics	mD yellow, wM						
119.20	120.00	5CaiD		Volcanics, IntDol	classic, wM						
120.00	131.40	QSTRZ	QSTRZ	Quartz Stringer Zone	15% quartz carbonate veinlets and stringers/stockworks 1cm - 15cm, intensity of quartz carbonate increases dramatically 1.5m above vein. 122.15-131.7, no sulphides in veinlets some Se in veinlets especially at 129.2 Mineralization: 119.95-120.45 mgr pyrite <0. 25% disseminated in quartz carbonate veinlets, trace sph 120.45 - 121.0 as above	119.95	120.45	43726	0.50	5.68	0.166
						120.45	121.00	43727	0.55	3.82	0.111
						121.00	121.50	43728	0.50	8.13	0.237
						121.50	122.15	43729	0.65	1.21	0.035
						GS-5a	0.00	43730	0.00	5.47	0.160
						129.70	130.20	43731	0.50	0.70	0.020
						130.20	130.80	43732	0.60	0.13	0.004
						130.80	131.40	43733	0.60	0.13	0.004
131.40	141.90	QV	HW	Quartz Vein	RORY VEIN upper and lower contacts at 40° TCA, 1cm mylonitic veinlet at upper contact hosts mm scale quartz fragments rounded, set in a carbonate matrix, Graphitic fragments as well in mylonitic veinlet Vein:	131.40	131.90	43734	0.50	<0.05	0.001
						131.90	132.40	43735	0.50	<0.05	0.001
						132.40	132.90	43736	0.50	<0.05	0.001
						132.90	133.40	43737	0.50	7.14	0.208
						133.40	133.90	43738	0.50	0.13	0.004
						133.90	134.40	43739	0.50	0.05	0.001

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					131.4-133.2 graphitic fragments and stylolites are common, fragments are well rounded, locally vuggy to 4mm	GS-9	0.00	43740	0.00	1.89	0.055
						134.40	134.90	43741	0.50	<0.05	0.001
						134.90	135.40	43742	0.50	0.07	0.002
					133.2-133.9 intensely graphitic veinlets to 1cm and fragments/network of graphite, most pyrite is in graphite	135.40	135.90	43743	0.50	0.73	0.021
						135.90	136.40	43744	0.50	0.10	0.003
					133.9-134.9 mostly qtz vein, 2 fragments of iD, iCBX, iG approximately 5cm x 10cm	136.40	136.90	43745	0.50	0.16	0.005
						136.90	137.40	43746	0.50	0.25	0.007
					134.9-137.7 Numerous xenoliths of iD, iCBX 5Ca, angular, also graphitic 5Ca xenoliths/fragments in vein	137.40	137.90	43747	0.50	3.97	0.116
						137.90	138.40	43748	0.50	31.90	0.930
					137.7-141.0 Mostly white qtz with few inclusions of 5Ca iG, few crosscutting, late clear qtz veinlets mm scale and few graphitic siliceous crosscutting veinlets to 2mm	138.40	138.90	43749	0.50	19.30	0.563
						GS-4	0.00	43750	0.00	3.52	0.103
					141.0-141.9 numerous black siliceous inclusions, fracture filling and fragments in white qtz vein	138.90	139.40	43751	0.50	29.70	0.866
						139.40	139.90	43752	0.50	32.90	0.960
					Mineralization:	139.90	140.40	43753	0.50	79.20	2.310
					131.4-131.9 cgr sph, mgr py, Total Sulphides: 0.25%	140.40	140.90	43754	0.50	51.90	1.514
					131.9-132.4 cgr sph, mgr py, Total Sulphides: 0.25%	140.90	141.40	43755	0.50	15.10	0.440
					132.4-132.9 trace mgr py	141.40	141.90	43756	0.50	0.25	0.007
					132.9-133.4 trace mgr py						
					133.4-133.9 trace mgr py						
					133.9-134.4 cgr sph, mgr py, Total Sulphides: 0.25%						
					134.4-134.9 cgr sph, mgr py, Total Sulphides: 0.25%						
					134.9-135.4 trace mgr py mgr sph						
					135.4-135.9 m - cgr sph, m - cgr py, Total Sulphides: 0.5%						
					135.9-136.4 trace py and sph						
					136.4-136.9 trace py and sph						
					137.4-137.9 cgr py, cgr sph, trace tet, Total Sulphides: 5%						
					137.9-138.4 py, tet, cpy, sph 30%						
					138.4-138.9 m - cgr py, mgr tet, sph, cpy, Total Sulphides:						
					138.9-139.4 m - cgr py, mgr tet, sph, cpy, Total Sulphides:						
					139.4-139.9 m - cgr py, mgr tet, sph, cpy, Total Sulphides:						
					139.9-140.4 m - cgr py, mgr tet, sph, cpy, Total Sulphides:						
					140.4-140.9 m - cgr py, mgr tet, sph, cpy, + 6 speck VG, T						
					140.9-141.4 py, sph, cpy, Total Sulphides: 0.5%						
					141.4-141.9 py, sph, cpy, Total Sulphides: 0.5%						
141.90	142.90	QVBX	QVBX	Quartz Vein BX	lower contact at 15° to core axis	141.90	142.40	43757	0.50	0.08	0.002

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					Black qtz matrix hosts white qtz fragments, fragments are angular and crosscut by black siliceous veinlets to 2mm, locally vuggy, wSe Mineralization: 141.9-142.4 0.5% py, sph, cpy 142.4-142.9 1% f - cgr py, f - cgr sph	142.40	142.90	43758	0.50	1.92	0.056
142.90	146.75	QV	QV	Quartz Vein	Mostly white qtz with numerous clear-grey siliceous crosscutting veinlets, mm scale, lower contact with QVBX is shallow at 15° TCA, numerous black (graphitic/muddy py) filled fractures to 2mm locally vuggy with drusy qtz Note: At 143.65-143.75 at 30° TCA, numerous grey silica veinlets with one in particular with qtz veinlet fragments in it at the bottom of zone Mineralization: 142.9-143.4 f-mgr sph, cpy, Trace py, Total Sulphides 0.5% 143.4-143.9 f-mgr sph, cpy, Trace py, Total Sulphides 0.5% 143.9-144.4 few cgr sph, Trace py 144.4-144.9 few cgr sph 144.9-145.4 few cgr sph 145.4-145.9 very fgr py in graphitic stylolites and fragments 145.9-146.4 f-mgr sph +-py, Total Sulphides 0.5% 146.4-146.9 f-mgr cpy, sph, Total Sulphides 0.75%	142.90	143.40	43759	0.50	<0.05	0.001
						GS-7	0.00	43760	0.00	5.01	0.146
						143.40	143.90	43761	0.50	<0.05	0.001
						143.90	144.40	43762	0.50	<0.05	0.001
						144.40	144.90	43763	0.50	<0.05	0.001
						144.90	145.40	43764	0.50	0.05	0.001
						145.40	145.90	43765	0.50	0.06	0.002
						145.90	146.40	43766	0.50	0.05	0.001
146.75	148.60	QVBX	QVBX	Quartz Vein BX	Dark grey silica matrix hosts fresh angular white qtz fragments and well digested rounded qtz fragments some local carbonate fragments slightly FeOX, muddy py, locally in networking veinlets, zones of very intensely brecciated	146.40	146.90	43767	0.50	0.21	0.006
						146.90	147.40	43768	0.50	0.10	0.003
						147.40	147.90	43769	0.50	0.27	0.008
						GS-4	0.00	43770	0.00	3.34	0.097

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					fragments ie. mm scale with white clay filled hairline fractures are common, vugs with fgr drusy qtz common, few banded quartz carbonate vein fragments (iD?) especially at 148.1 Mineralization: 146.9-147.4 f-mgr sph, cpy, Total Sulphides 0.5% 147.4-147.9 f-mgr sph, fgr cpy, fgr py Total Sulphides 0.5% 147.9-148.4 mgr sph, mgr py Total Sulphides 0.5% 148.4-148.9 mgr sph, cpy Total Sulphides 0.5%	147.90	148.40	43771	0.50	0.41	0.012
148.60	149.70	QV	QV	Quartz Vein	white with grey silica crosscutting veinlets to 2mm Mineralization: 148.9-149.4 mgr sph, cpy 0.5% 149.4-149.9 mgr sph, cpy <10 specks VG	148.40	148.90	43772	0.50	<0.05	0.001
						148.90	149.40	43773	0.50	<0.05	0.001
149.70	151.40	QVBX	QVBX	Quartz Vein BX	dark grey qtz hosts white qtz fragments, sulphides in matrix and fragments, fragments are generally rounded from 150.8-151.8 is the contact zone, both QVBX and iDiG5Ca, lower contact is vague probably sub parallel TCA from 151.5-152.4 Mineralization: 149.9-150.4 mgr sph, cpy, py Total Sulphides 1% <20 specks VG 150.4-150.9 Trace sph, py, cpy in qtz veinlet 150.9-151.4 Trace sph, py, cpy in qtz veinlet	149.40	149.90	43774	0.50	131.00	3.821
						149.90	150.40	43775	0.50	241.00	7.029
						150.40	150.90	43776	0.50	27.90	0.814
						150.90	151.40	43777	0.50	2.12	0.062
151.40	155.25	QSTRZ	QSTRZ	Quartz Stringer Zone	iG, iD5Ca hosts fragments of quartz vein, QV/5Ca 30/70 151.5-152.5 qtz vein fragments have numerous graphitic stylolites throughout, veinlets are up to 4cm wide at 30° TCA, few with angular iD fragments in veinlets and stringers Mineralization: 151.4-151.9 Trace sph, py, cpy in qtz veinlet 151.9-152.4 Trace sph, py, cpy in qtz veinlet 152.4-152.9 Trace sph, py, cpy in qtz veinlet 152.9-153.4 Trace sph, py, cpy in qtz veinlet 153.4-153.9 Trace sph, py, cpy in qtz veinlet	151.40	151.90	43778	0.50	0.48	0.014
						151.90	152.40	43779	0.50	0.34	0.010
						GS-6	0.00	43780	0.00	9.64	0.281
						152.40	152.90	43781	0.50	0.66	0.019
						152.90	153.40	43782	0.50	0.80	0.023
						153.40	153.90	43783	0.50	0.18	0.005
						153.90	154.40	43784	0.50	0.66	0.019
						154.40	154.90	43785	0.50	0.46	0.013
						154.90	155.25	43786	0.35	0.88	0.026

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
155.25	155.95	QV	QV	Quartz Vein	upper contact at 20° TCA, lower contact at 10° TCA, white qtz with numerous black muddy py and graphitic stylolites, mm scale, few clear silica veinlets, lower 0.3m of vein appears to be a relict vein breccia with white qtz fragments set in a matrix of light grey silica hosting white mm scale qtz fragments Mineralization: 155.25-155.95 mgr py, mgr sph to 1%, disseminated	155.25	155.95	43787	0.70	1.29	0.038
155.95	156.40	5CaiD		Volcanics, IntDol	numerous qtz veinlets, cgr py throughout	155.95	156.40	43788	0.45	0.51	0.015
156.40	157.75	QV	QV	Quartz Vein	as above, more grey qtz in patches and local crosscutting veinlets at 157.4 1cm grey qtz veinlet at 45° TCA hosts white qtz fragments, most fragments are discreet, some are partially digested, patches of Se noted near upper contact black stylolites are graphitic and muddy py, some relatively fresh iD5Ca fragments are contorted and digested along stylolitic fractures Mineralization: 156.4-157.75 mgr py disseminated and in clots to 2cm, 1%	156.40	157.00	43789	0.60	0.13	0.004
						GS-4	0.00	43790	0.00	3.54	0.103
						157.00	157.75	43791	0.75	0.26	0.008
157.75	158.40	QSTRZ	QSTRZ	Quartz Stringer Zone	Footwall stringers 30% quartz carbonate veinlets at 20-30° TCA, average 3cm Mineralization: 157.75-158.4 Trace mgr py, muddy py	157.75	158.40	43792	0.65	1.01	0.029
158.40	158.43	5CfBX	CfBX	Cherty Matrix BX	dark grey chalcedonic matrix 3cm at 45° TCA	158.40	159.40	43793	1.00	0.24	0.007
158.43	161.00	5CaiD		Volcanics, IntDol	classic, m - cgr py disseminated throughout, many muddy py filled fractures Mineralization: 158.4-159.4 footwall volcanics 159.4-160.5 footwall volcanics 160.5-161.1 footwall volcanics	159.40	160.50	43794	1.10	0.93	0.027
						160.50	161.10	43795	0.60	0.40	0.012
161.00	163.80	QSTRZ	QSTRZ	Quartz Stringer Zone	Hangingwall qtz stringers (along side of vein) 25% quartz carbonate veinlets in iD5Ca, lower contact is a 2-3cm	161.10	161.70	43796	0.60	0.41	0.012
						161.70	162.30	43797	0.60	0.38	0.011

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					vuggy chalcedonic (grey) matrix hosting white QV fragments sub parallel TCA	162.30	162.80	43798	0.50	0.22	0.006
					Mineralization:	162.80	163.30	43799	0.50	0.41	0.012
					161.1-161.7 f-mgr py, cpy 0.25%	GS-7	0.00	43800	0.00	4.95	0.144
					161.7-162.3 f-mgr py, cpy 0.25%	163.30	163.80	43801	0.50	0.98	0.029
					162.3-162.8 f-mgr py, cpy 0.25%						
163.80	173.40	QV	QV	Quartz Vein	white quartz with numerous black graphitic/muddy pyrite stylolitic fractures, few late crosscutting clear silica veinlets, mm scale, locally weakly vuggy, local dark grey qtz matrix hosts white qtz fragments, these breccias are seen as irregular veinlets, cm scale patches to 6cm	163.80	164.30	43802	0.50	0.79	0.023
					171.3-174.8 very bullish	164.30	164.80	43803	0.50	0.46	0.013
					Mineralization:	164.80	165.30	43804	0.50	<0.05	0.001
					163.8-164.3 f-mgr py, sph, cpy 1%, Trace tet disseminated especially associated with stylolitic fractures	165.30	165.80	43805	0.50	0.42	0.012
					164.3-164.8 f-mgr py, sph, cpy 1%, Trace tet disseminated especially associated with stylolitic fractures locally to 3%	165.80	166.30	43806	0.50	2.15	0.063
					164.8-165.3 Trace py sph	166.30	166.80	43807	0.50	<0.05	0.001
					165.3-165.8 Trace - 0.25% cgr sph, mgr py	166.80	167.30	43808	0.50	0.09	0.003
					165.8-166.3 2%, m-cgr py, sph, cpy	167.30	167.80	43809	0.50	<0.05	0.001
					166.3-166.8 Trace mgr py, sph, cpy	GS-9	0.00	43810	0.00	1.52	0.044
					166.8-167.3 Trace mgr py, sph, cpy	167.80	168.30	43811	0.50	0.05	0.001
					167.3-167.8 Trace mgr py, sph, cpy	168.30	168.80	43812	0.50	<0.05	0.001
					167.8-168.3 Trace mgr py, sph, cpy	168.80	169.30	43813	0.50	<0.05	0.001
					168.3-168.8 Trace mgr py, sph, cpy	169.30	169.80	43814	0.50	0.20	0.006
					168.8-169.3 Trace mgr py, sph, cpy	169.80	170.30	43815	0.50	<0.05	0.001
					169.3-169.8 Trace mgr py, sph, cpy	170.30	170.80	43816	0.50	0.08	0.002
					169.8-170.3 muddy py associated with stylolites	170.80	171.30	43817	0.50	1.16	0.034
					170.3-170.8 0.5%, m - cgr sph, mgr py, tr cpy	171.30	171.80	43818	0.50	<0.05	0.001
					170.8-171.3 0.5%, m - cgr sph, mgr py, tr cpy	171.80	172.30	43819	0.50	<0.05	0.001
					171.3-171.8 Trace f-mgr sph	GS-9	0.00	43820	0.00	1.64	0.048
					171.8-172.3 Trace f-mgr sph	172.30	172.80	43821	0.50	<0.05	0.001
						172.80	173.30	43822	0.50	0.12	0.003
173.40	176.00	QVBX	QVBX	Quartz Vein BX	173.4-174.8	173.30	173.80	43823	0.50	0.12	0.003
					grey qtz matrix hosts white qtz fragments, numerous hairline clay filled fractures, fragments range from 2-3mm to 10cm	173.80	174.30	43824	0.50	<0.05	0.001
						174.30	174.80	43825	0.50	<0.05	0.001
						174.80	175.30	43826	0.50	0.54	0.016

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					174.8-176.0 qtz matrix, white and grey qtz hosts many types of fragments, qtz fragments are rounded and discrete, iD5Ca fragments are well digested Mineralization: 174.8-175.3 Trace fgr py 175.3-176.0 f-mgr py 0.25% disseminated	175.30	176.00	43827	0.70	0.08	0.002
176.00	178.00	5CaBX	BX	Volcanics, BX'd	iG, iD5Ca hosts iGiD fragments and white qtz vein fragments qtz vein fragments/5Ca fragments = 80/20 most qtz vein fragments are near lower contact, qtz vein fragments are both angular and rounded 2mm - 2cm, matrix is heavily disseminated with f-mgr py, both mgr and muddy	176.00	177.00	43828	1.00	0.46	0.013
						177.00	178.00	43829	1.00	1.07	0.031
						GS-6	0.00	43830	0.00	9.98	0.291
178.00	179.40	QV	QV	Quartz Vein	upper contact at 30° TCA, iG, intense graphitic/pyritic fractures, waning to moderately fractured, few graphitic stylolites Mineralization: 178.0-178.5 mostly muddy py, especially along fracture 178.5-179.0 Trace fgr py 179.0-179.4 Trace fgr py	178.00	178.50	43831	0.50	0.36	0.010
						178.50	179.00	43832	0.50	<0.05	0.001
						179.00	179.40	43833	0.40	<0.05	0.001
179.40	179.70	5CaBX	FLT	Volcanics, BX'd	FLT/contact iG, iD5Ca hosts iDiG5Ca fragments and Qv fragments drilling along contact! Mineralization: 179.4-179.7 Trace fgr py	179.40	179.70	43834	0.30	0.63	0.018
179.70	182.40	QV	QV	Quartz Vein	intensely fractured with fracture filled with both grey silica and muddy pyrite/graphite, some longer fractures have fgr py networking lower contact at 15° TCA Mineralization:	179.70	180.20	43835	0.50	<0.05	0.001
						180.20	180.70	43836	0.50	0.07	0.002
						180.70	181.20	43837	0.50	0.10	0.003
						181.20	181.70	43838	0.50	<0.05	0.001
						181.70	182.40	43839	0.70	0.22	0.006

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-23			
Collar Details				Notes:				Started		July 2, 2004					
Longitude		61720.52 E		Rory : QSTRZ - 102.7 to 107.2 : 0.065 oz/t Au over 4.5 m (2.68m TW) , Tr py, tt				Finished		July 4, 2004					
Latitude		64688.10 N						Logged By:		L.C.Hunt					
Elevation		1298.42 m ASL						Tests		Depth		Az		Dip	
End of Hole		151.50 m								0.0		100.0		-48.0	
Azimuth		100.0								86.9		94.0		-48.0	
Dip		-48.0								147.8		94.0		-49.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	23.50	OB		Overburden	Casing through Overburden										
23.50	44.80	5Dd		Graphitic Argillite	graphitic mudstone/siltstones mod. S1, at 45° TCA, few bull quartz carbonate veinlets sub parallel TCA 2-3cm, mudstones/siltstones = 70/30										
44.80	44.90	5CfBX	CfBX	Cherty Matrix BX	at 40° TCA dark grey/black chalcedonic matrix hosts white quartz carbonate fragments most angular with clear qtz (euhedral) inclusions in fragments										
44.90	45.60	5CaiD		Volcanics, IntDol	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
45.60	47.40	5Ca		Volcanics	mD										
47.40	47.90	5CaiD		Volcanics, IntDol	altered halo around fault										
47.90	51.40	5Ca		Volcanics	mD										
51.40	53.20	5Ca	FLT	Volcanics	rubbly core										
53.20	53.90	5Ca		Volcanics	mD										
53.90	54.10	5Ca	FLT	Volcanics	rubbly core at upper contact										
54.10	61.25	5Ca		Volcanics	mD, locally cherty with mgr disseminated py, few small zones of iD										
61.25	61.70	5CfBX	CfBX	Cherty Matrix BX	at 35° TCA, pale grey chalcedonic matrix hosts m - iD fragments, angular										
61.70	66.00	5Ca		Volcanics	mD, mottled greyish green/buff										
66.00	66.20	QSTR	QSTR	Quartz Stringer	at 45° TCA sericite vein, white qtz, weakly vuggy, Se 30% in patches (irregular), few partially digested iD5Ca fragments Mineralization: fgr and muddy py in patches disseminated throughout 3%	66.00	66.20	43842	0.20	<0.05	0.001				

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
66.20	85.70	5Ca		Volcanics	wD, local iG, local quartz carbonate veins with muddy py sub parallel TCA 77.5 mD, iCBX local graphitic siliceous matrix hosts iD - mD fragments of iCBX - mCBX						
85.70	85.75	5CfBX	CfBX	Cherty Matrix BX	at 45° TCA pale grey chalcedonic matrix hosts iD - mD iCBX angular fragments, few McDame style quartz carbonate fragments						
85.75	102.70	5Ca		Volcanics	mD, iCBX grades quickly to wD, m - local iCBX 90.7-93.6 mD, iCBX 93.6-102.7 wD, iCBX						
102.70	107.20	QSTRZ	HW	Quartz Stringer Zone	very weak qtz stringers, 5%quartz carbonate veinlets 3-4cm, no sulphides, at 30° TCA hosted by iG, iCBX, iD5Ca, dry with respect to sulphides, local vugs in 5Ca Mineralization: 106.9-107.0 mgr py and sph 0.25%	102.70	103.20	43973	0.50	<0.05	0.001
						103.20	103.70	43974	0.50	<0.05	0.001
						103.70	104.20	43975	0.50	<0.05	0.001
						104.20	104.70	43976	0.50	<0.05	0.001
						104.70	105.20	43977	0.50	<0.05	0.001
						105.20	105.80	43978	0.60	<0.05	0.001
						105.80	106.35	43979	0.55	<0.05	0.001
						GS-5a	0.00	43980	0.00	4.90	0.143
						106.35	106.90	43981	0.55	<0.05	0.001
						106.90	107.00	43843	0.10	0.10	0.003
107.00	107.20	43982	0.20	49.40	1.441						
107.20	139.30	5Ca		Volcanics	mD, wCBX, local iCBX 112.0-114.9 m - local iD, patches muddy py 114.9-125.7 mD grades quickly to relatively massive wD 125.7-125.8 chloritic/graphitic slip with quartz carbonate veinlet, no sulphides 125.8-130.2 wD, relatively massive 130.2-136.2 mD, wCBX locally 136.2-136.6 wFLT, broken core 136.6-139.3 mD, wCBX locally, very wM near lower contact						
139.30	139.80	5CfBX	CfBX	Cherty Matrix BX	light grey - pale grey bullish chalcedonic matrix hosts mD fragments, lower 3cm is barren quartz carbonate veinlet, irregular with a band 2cm of quartz carbonate BX that hosts mD5Ca fragments angular, cold, late, no sulphides in quartz carbonate veinlet (PROBABLY RORY)						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
45.50	50.70	5Ca		Volcanics	45.5-58.1 FeOX fractures moderately broken core w - mD, local cherty tuffs						
50.70	51.00	5Ce		Cherty Tuff / Tuffaceous chert	as above						
51.00	55.40	5Ca		Volcanics	mD, few talcose fractures 53.7-53.8 wFault, rubbly core						
55.40	55.50	5Ca	FLT	Volcanics	at 30° TCA quartz carbonate veinlet with muddy pyritic selvages, wall rock is sheared						
55.50	108.80	5Ca		Volcanics	as above 57.0-60.0 mD, mCBX, local iCBX to 5CaBx, 10cm 60.0-61.3 wD 61.3-61.5 intense local clay, pervasive 61.5-63.4 mD, mK pervasive, mCBX, local iCBX 63.4-71.0 mD, moderately broken core, FeOX fractures 71.0-93.0 wD, m - local iCBX 89.7-89.8 10cm iK gouge blue Tale on some fractures 93.0-105.8 mD, iCBX, competent core 105.8-108.8 mD, w - mCBX						
108.80	111.20	5CaiD		Volcanics, IntDol	classic iCBX, wM						
111.20	116.60	5Ca		Volcanics	mD, w - mM, few barren vuggy quartz carbonate veinlets to 2cm, no preferred direction of orientation						
116.60	118.75	5CaiD		Volcanics, IntDol	iD, iG, iCBX, few barren quartz carbonate veinlets, no preferred direction of orientation						
118.75	125.50	QVBX	HW	Quartz Vein BX	could be a stringer zone, 60-70% white qtz hosts irregular graphitic stylolites, large fragments, some graphitic and some well digested iD5Ca fragments, 122.0-122.15 lost core (cave) locally vuggy Mineralization: 118.75-119.3 mgr py, cgr sph, cpy, local to 3%, avg 1% 119.3-119.8 mgr py, cgr sph, cpy, local to 3%, avg 1% 119.8-120.5 mgr py, cgr sph, cpy, local to 3%, avg 1% 122.0-122.15 cave no sample 122.15-122.5 Trace py, sph, cpy 122.5-123.0 Trace py, sph, cpy 123.0-123.5 Trace py, sph, cpy 123.5-124.0 Trace py, sph, cpy	118.75	119.30	43844	0.55	0.15	0.004
						119.30	119.80	43845	0.50	0.17	0.005
						119.80	120.50	43846	0.70	1.21	0.035
						120.50	121.00	43847	0.50	0.31	0.009
						121.00	121.50	43848	0.50	0.79	0.023
						121.50	122.00	43849	0.50	0.46	0.013
						GS-20	0.00	43850	0.00	19.80	0.577
						122.15	122.50	43851	0.35	0.06	0.002
						122.50	123.00	43852	0.50	<0.05	0.001
						123.00	123.50	43853	0.50	0.13	0.004
						123.50	124.00	43854	0.50	<0.05	0.001
						124.00	124.50	43855	0.50	0.15	0.004
124.50	125.00	43856	0.50	7.55	0.220						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					124.0-124.5 Trace py, sph, cpy 124.5-125.0 m - cgr py, sph, Trace cpy, tet , Total Sulphides <3%	125.00	125.50	43857	0.50	1.08	0.031
125.50	136.30	QSTRZ	QSTRZ	Quartz Stringer Zone	40% white qtz stringers hosted in iD, mM, iCBX 5Ca, quartz carbonate stringers often host iG, iD fragments partially digested and fresh, no preferred direction of orientation in stringers or veinlets 135.2-136.2 Carbonate stockwork, vuggy calcite veinlets network throughout, no sulphides in calcite, makes up 20% of unit Mineralization: 125.5-126.0 m - cgr py, sph, Trace cpy, tet <1% 126.0-126.5 m - cgr py, sph, Trace cpy, tet <1% 126.5-127.0 m - cgr py, sph, Trace cpy, tet <1% 127.0-127.5 m - cgr py, sph, Trace cpy, tet <1% 127.5-128.0 m - cgr py, sph, Trace cpy, tet <1% 128.0-128.5 m - cgr py, sph, Trace cpy, tet <1% 128.5-129.0 m - cgr py, sph <0.5% 129.0-129.5 m - cgr py, sph <0.5% 129.5-130.0 m - cgr py, sph <0.5% 130.0-130.5 m - cgr py, sph <0.5% 130.5-131.0 m - cgr py, sph <0.5% 131.0-131.5 m - cgr py, sph <0.5%	125.50	126.00	43858	0.50	0.15	0.004
						126.00	126.50	43859	0.50	0.14	0.004
						GS-5a	0.00	43860	0.00	4.80	0.140
						126.50	127.00	43861	0.50	0.51	0.015
						127.00	127.50	43862	0.50	0.15	0.004
						127.50	128.00	43863	0.50	0.44	0.013
						128.00	128.50	43864	0.50	0.48	0.014
						128.50	129.00	43865	0.50	0.59	0.017
						129.00	129.50	43866	0.50	0.16	0.005
						129.50	130.00	43867	0.50	0.18	0.005
						130.00	130.50	43868	0.50	0.39	0.011
						130.50	131.00	43869	0.50	0.39	0.011
						GS-15	0.00	43870	0.00	14.50	0.423
						131.00	131.50	43871	0.50	0.53	0.015
						131.50	132.00	43872	0.50	0.46	0.013
						132.00	132.50	43873	0.50	1.02	0.030
						132.50	133.00	43874	0.50	2.21	0.064
						133.00	133.50	43875	0.50	0.36	0.010
						133.50	134.00	43876	0.50	0.80	0.023
						134.00	134.50	43877	0.50	1.03	0.030
						134.50	135.00	43878	0.50	1.01	0.029
						135.00	135.50	43879	0.50	0.34	0.010
						GS-20	0.00	43880	0.00	19.90	0.580
						135.50	136.00	43881	0.50	0.28	0.008
						136.00	136.30	43882	0.30	0.32	0.009
136.30	137.50	5CaiD		Volcanics, IntDol	very few barren quartz carbonate veinlets						
137.50	137.52	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	at 20° TCA, 2cm pale grey calcite matrix (chalcedonic?) hosts angular iD5Ca fragments, dark grey chalcedonic fragments and white quartz carbonate vein fragments, vein fragments are rounded, Trace cpy						
137.52	139.30	5CaiD		Volcanics, IntDol	as above						
139.30	139.32	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	as above, at 85° TCA						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
139.32	139.80	5CaiD		Volcanics, IntDol	as above						
139.80	141.70	QSTRZ	QSTRZ	Quartz Stringer Zone	20% white quartz carbonate veinlets in iD5Ca, some veinlets and stringers, host partially digested iD5Ca fragments, veinlets and stringers are irregular 1cm - 10cm, vuggy calcite veinlet at lower contact Mineralization: 139.8-140.3 Trace mgr py 140.3-140.8 Trace mgr py 140.8-141.7 Trace mgr py	139.80	140.30	43883	0.50	0.42	0.012
						140.30	140.80	43884	0.50	0.97	0.028
						140.80	141.70	43885	0.90	0.63	0.018
141.70	143.60	QV	QV	Quartz Vein	upper contact at 40° TCA upper 0.4m of vein hosts numerous graphitic filled fractures and stylolites, qtz is mostly white but there are numerous grey patches vuggy calcite veinlet at 20° TCA, 1cm at 142.35 lower contact vuggy with drusy calcite to 1cm, at 10° TCA Mineralization: 141.7-142.2 Trace f-mgr py	141.70	142.20	43886	0.50	0.14	0.004
						142.20	142.70	43887	0.50	<0.05	0.001
						142.70	143.20	43888	0.50	<0.05	0.001
						143.20	143.60	43889	0.40	0.08	0.002
						GS-15	0.00	43890	0.00	15.30	0.446
143.60	145.75	QSTRZ	QSTRZ	Quartz Stringer Zone	iD, iG 5Ca hosts 20% Qtz carbonate stringers and veinlets, with black silica veinlets crosscutting and muddy pyritic/graphitic/silica filled fractures, some graphitic stylolites 145.1 Carbonate altered matrix hosts 5Ca, qtz vein and iG 5Ca fragments, mm scale, angular, this structure comes in and out of core, ie) Drusy calcite veinlet runs sub parallel TCA Mineralization: 143.6-144.1 Trace f-mgr py 144.1-144.6 Trace f-mgr py 144.6-145.1 Trace f-mgr py 145.1-145.75 Trace f-mgr py	143.60	144.10	43891	0.50	0.56	0.016
						144.10	144.60	43892	0.50	0.36	0.010
						144.60	145.10	43893	0.50	0.92	0.027
						145.10	145.75	43894	0.65	3.57	0.104
145.75	148.00	QV	QV	Quartz Vein	upper contact sub parallel TCA, white qtz, locally coarsely vuggy with drusy calcite to 1cm, top 0.4m has numerous graphitic stylolitic fractures and	145.75	146.30	43895	0.55	2.73	0.080
						146.30	147.00	43896	0.70	1.67	0.049
						147.00	147.50	43897	0.50	6.45	0.188

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-25			
Collar Details				Notes:				Started		July 7, 2004					
Longitude		61720.52 E		Rory : QSTRZ - 126.7 to 130.9 : 0.018 oz/t Au over 4.2 m (2.13m TW) , <0.5% mgr py, Tr sp				Finished		July 9, 2004					
Latitude		64688.10 N						Logged By:		L.C.Hunt					
Elevation		1298.42 m ASL						Tests		Depth		Az		Dip	
End of Hole		162.50 m								0.0		102.0		-53.0	
Azimuth		102.0								97.9		85.0		-54.0	
Dip		-53.0								158.8		87.0		-55.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	20.40	OB		Overburden	Casing through Overburden										
20.40	40.80	5Dd		Graphitic Argillite	graphitic siltstones and mudstones average foliation 50° TCA mudstones/siltstones = 80/20 lower contact gougy but clean contact at 30° TCA										
40.80	44.00	5CaiD		Volcanics, IntDol	mSe, ipyrite - muddy at contact local shear fabric at 20-30° TCA local sericite altered in patches within shear fabric laminae										
44.00	48.10	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
48.10	49.30	5Ce		Cherty Tuff / Tuffaceous chert	grey, Trace py throughout										
49.30	50.30	5Ca		Volcanics	well laminated, mD with numerous iD alterations, mm scale, beds/laminations at 45° TCA										
50.30	51.00	5Ce		Cherty Tuff / Tuffaceous chert	as above										
51.00	62.90	5Ca		Volcanics	mD, wCBX, local cherty zones - 5cm, local blue Talc, moderately fractured especially at 60.0m										
62.90	64.30	5Ca	FLT	Volcanics	mD, iFeOX rubbly core										
64.30	69.00	5Ca		Volcanics	m - iD, iCBX, intense muddy py in patches to 2-3cm										
69.00	73.00	5Ca	FLT	Volcanics	mD, iCBX, iFeOX, rubbly core										
73.00	83.70	5Ca		Volcanics	mD, mCBX - iCBX 77.3-78.4 mD, iCBX, 1 carbonate stringer, vuggy with FeOX fractures parallel TCA 78.4-83.7 wD, mCBX, local iCBX										
83.70	88.70	5Ca	FLT	Volcanics	mD, mCBX, intense FeOX fractures, rubbly core										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
88.70	90.00	5CfBX	CfBX	Cherty Matrix BX	2cm - 5CfBx runs parallel TCA dark grey matrix hosts mD5Ca and few rounded barren QV fragments, average 0.5cm wall rock is mD, iCBX						
90.00	93.00	5Ca		Volcanics	mD, wCBX						
93.00	94.60	5CfBX	CfBX	Cherty Matrix BX	(could be 5CaBx) light grey - dark grey matrix (not exactly chalcedonic but in some areas it is), hosts mD5Ca fragments both angular and rounded, some rounded barren qtz vein fragments near upper contact						
94.60	99.70	5Ca		Volcanics	mD, w - mCBX						
99.70	105.00	5Ca		Volcanics	mD, iG, iCBX 101.6-101.7 Qtz stringer, barren with some digested, sheared iG5Ca fragments, FeOX calcite patches and fractures						
105.00	114.40	5Ca		Volcanics	mD m - local iCBX						
114.40	121.10	5CaiD		Volcanics, IntDol	classic, local iCBX, weak local M, few barren qtz veinlets at 10° TCA						
121.10	121.60	QSTR	QSTR	Quartz Stringer	RORY? 20cm true width, sub parallel TCA, upper contact is irregular white quartz with numerous graphitic clay inclusions and stylolitic fractures Mineralization: mgr pyrite 0.5%	121.10	121.60	43906	0.50	0.67	0.020
121.60	126.70	5CaiD		Volcanics, IntDol	iD, iCBX, wM, few barren quartz veinlets to 2cm, 1 quartz stringer sampled Mineralization: 123.9-124.15 mgr pyrite, Trace cpy	123.90	124.15	43907	0.25	7.87	0.230
126.70	127.45	QSTRZ	HW	Quartz Stringer Zone	20-25% white quartz carbonate stringers and veinlets hosted by iD, mG, iCBX 5Ca, average angle TCA of veinlet is < 20° Mineralization: 126.7-127.2 mgr pyrite <0.5%, Trace sph 127.2-127.7 mgr pyrite <0.5%, Trace sph	126.70	127.20	43908	0.50	0.34	0.010
127.45	127.65	5CfBX	CfBX	Cherty Matrix BX	25° TCA, dark grey chalcedonic matrix hosts quartz vein fragments and few iD, iG fragments fgr - mgr pyrite disseminated in matrix	127.20	127.70	43909	0.50	3.07	0.090
127.65	130.90	QSTRZ	QSTRZ	Quartz Stringer	as above, few partially and well digested iG iD wall rock	GS-5a	0.00	43910	0.00	5.12	0.149

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
				Zone	fragments Mineralization: 127.7-128.2 mgr pyrite <0.5%, Trace sph 128.2-128.7 mgr pyrite <0.5%, Trace sph 128.7-129.2 mgr pyrite <0.5%, Trace sph 129.2-129.7 mgr pyrite <0.5%, Trace sph 129.7-130.2 mgr pyrite <0.5%, Trace sph 130.2-130.9 mgr pyrite <0.5%, Trace sph	127.70	128.20	43911	0.50	0.30	0.009
						128.20	128.70	43912	0.50	0.25	0.007
						128.70	129.20	43913	0.50	0.19	0.006
						129.20	129.70	43914	0.50	0.31	0.009
						129.70	130.20	43915	0.50	0.51	0.015
						130.20	130.90	43916	0.70	0.21	0.006
130.90	132.50	5CaiD		Volcanics, IntDol	iD, iCBX						
132.50	140.10	5Ca		Volcanics	mD, wCBX 139.0-140.1 iK in fractures, mottled dark greenish -yellow carbonate altered						
140.10	140.30	5Ca	FLT	Volcanics	vuggy with drusy calcite to 0.5cm white clay filled fractures and vugs						
140.30	142.00	5Ca		Volcanics	mD						
142.00	143.70	5CaiD		Volcanics, IntDol	muddy pyrite patches, mM						
143.70	145.20	5CfBX	FLT	Cherty Matrix BX	sub parallel TCA is a fault, light green chalcedonic matrix hosts mm scale, iD fragments and quartz vein fragments, intensely vuggy, sheared quartz stringers throughout, 5CfBx is more like a stockwork, ie) veinlets of 5CfBx at irregular orientations						
145.20	152.90	5Ca		Volcanics	mD, wM 146.3-150.1 wD 150.1-152.9 mD yellow, m - local iM numerous clear silica veinlets mm scale, local muddy pyrite patches in clear silica veinlets						
152.90	153.50	5CaiD		Volcanics, IntDol	classic						
153.50	153.65	QSTR	QSTR	Quartz Stringer	white quartz, calcite patches	153.50	153.65	43917	0.15	<0.05	0.001
153.65	154.30	5CaiD		Volcanics, IntDol	5CaiD						
154.30	154.50	QSTR	QSTR	Quartz Stringer	QSTR Mineralization: mgr py disseminated to 0.75%	154.30	154.50	43918	0.20	0.23	0.007
154.50	156.40	5CaiD		Volcanics, IntDol	5CaiD						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-26			
Collar Details				Notes:				Started		July 10, 2004					
Longitude		61720.52 E		Rory : QSTRZ - 110.8 to 123.3 : 0.022 oz/t Au over 12.5 m (8m TW) , mgr py				Finished		July 12, 2004					
Latitude		64688.10 N						Logged By:		L.C.Hunt					
Elevation		1298.42 m ASL						Tests		Depth		Az		Dip	
End of Hole		172.90 m								0.0		116.0		-57.0	
Azimuth		116.0								102.0		103.0		-61.0	
Dip		-57.0								163.0		103.0		-61.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	21.30	OB		Overburden	Casing through Overburden										
21.30	37.80	5Dd		Graphitic Argillite	competent interbedded graphitic mudstones/siltstones mudstones/siltstones = 80/20 few barren quartz carbonate veinlets, moderate foliation @ 50° TCA 37.2-37.4 moderate gouge										
37.80	38.70	5Dd	FLT	Graphitic Argillite	gouge, 30% core recovery										
38.70	39.50	5Dd		Graphitic Argillite	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
39.50	41.45	5Ca		Volcanics	upper contact at 20° TCA, sheared but competent average shear fabric at 45° TCA										
41.45	41.70	5CaiD		Volcanics, IntDol	classic wM										
41.70	41.80	5CfBX	CfBX	Cherty Matrix BX	at 10° TCA, light grey chalcedonic matrix hosts iD5Ca, 5Ce and few quartz vein fragments										
41.80	42.50	5CaiD		Volcanics, IntDol	Intensely dolomitized meta-basalts, Buff alt'n with m - iCBX and fine-grained disseminated py throughout.										
42.50	42.85	5Ce		Cherty Tuff / Tuffaceous chert	grey										
42.85	42.87	5CfBX	CfBX	Cherty Matrix BX	parallel TCA 1cm intensely vuggy grey chalcedonic carbonate matrix hosts quartz vein fragments										
42.87	42.90	QSTR	QSTR	Quartz Stringer	white quartz carbonate with well digested iD5Ca fragments										
42.90	43.90	5CaiD		Volcanics, IntDol	5CaiD										
43.90	46.50	5Ce		Cherty Tuff / Tuffaceous chert	5Ce										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
46.50	48.30	5CaiD		Volcanics, IntDol	5CaiD						
48.30	61.10	5Ca		Volcanics	mD, mottled light green buff local iCBX, FeOX on fractures, some clay on fractures 57.0-57.5 muddy broken core 58.6-58.9 muddy broken core 59.2-59.3 iK gouge 60.1-61.3 mD iCBX						
61.10	61.25	5CfBX	CfBX	Cherty Matrix BX	at 20° TCA dark grey chalcedonic matrix hosts iD, iCBX fragments quartz vein fragments, disseminated pyrite to 4% in matrix						
61.25	61.50	5CaiD		Volcanics, IntDol	iCBX						
61.50	61.70	QSTR	QSTR	Quartz Stringer	at 45° TCA white quartz/FeOX hosts iD5Ca fragments, numerous grey silica filled, mm scale veinlets						
61.70	90.50	5Ca		Volcanics	mD, iCBX local zones of iCBX/5CaBX grade in and out, moderately broken core, FeOX fractures 80.7-80.9 quartz veinlet with 5CaBx (iCBX) with iD halo of 10cm with wM 80.9-90.5 competent, mD, mCBX						
90.50	93.60	5Ca	FLT	Volcanics	mD, iCBX, moderately vuggy muddy, broken core with iFeOX fractures						
93.60	110.80	5Ca		Volcanics	mD, iCBX, few barren quartz carbonate veinlets 2 - 7cm, no preferred direction of orientation, wclay fractures 102.5-109.1 mD, wCBX 109.1-109.8 mD, wM						
110.80	123.30	QSTRZ	HW	Quartz Stringer Zone	iD, mM, 5Ca hosts 15% white quartz carbonate veinlets and stringers, relatively competent core, Quartz carbonate structures are relatively low angle TCA (10 - 20°) 116.3-116.5 quartz stringers with mgr pyrite Mineralization: 116.3-116.5 mgr pyrite 1%	110.80	111.80	43919	1.00	1.24	0.036
						GS-15	0.00	43920	0.00	15.05	0.439
						111.80	112.80	43921	1.00	0.51	0.015
						112.80	113.80	43922	1.00	0.33	0.010
						113.80	114.80	43923	1.00	0.76	0.022
						114.80	115.80	43924	1.00	0.72	0.021
						115.80	116.30	43925	0.50	0.63	0.018
						116.30	116.50	43926	0.20	0.33	0.010
						116.50	117.50	43927	1.00	0.19	0.006
						117.50	118.50	43928	1.00	0.10	0.003
						118.50	119.50	43929	1.00	0.76	0.022
						GS-20	0.00	43930	0.00	20.80	0.607

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
						119.50	120.50	43931	1.00	2.24	0.065
						120.50	121.50	43932	1.00	0.87	0.025
						121.50	122.50	43933	1.00	0.71	0.021
						122.50	123.30	43934	0.80	0.84	0.024
123.30	130.50	5CaiD		Volcanics, IntDol	iD, w - mM 128.3-130.5 iD, mM, iCBX, local 5CaBXCa	130.50	131.00	43935	0.50	0.13	0.004
130.50	131.00	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	mostly carbonate/graphitic matrix hosts iG, iD5Ca fragments and quartz vein fragments pyrite in matrix to 2%						
131.00	133.80	QSTRZ	QSTRZ	Quartz Stringer Zone	classic 5CaiD, mM hosts numerous mostly quartz carbonate veinlets, locally QVBX, no sulphides in quartz carbonate						
133.80	136.00	5CaBX	BX	Volcanics, BX'd	iD iG5Ca hosts numerous mostly carbonate veinlets, irregular, local stockwork, iCBX throughout, locally iCBX is so intense that 5CaiD iG BX forms, lower contact 10° TCA, intensely brecciated with a siliceous graphitic matrix hosting mm - 1cm scale fragments of iD, iG5Ca and quartz vein fragments						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
136.00	138.90	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	upper contact at 10° TCA, discrete, Mostly carbonate, wK matrix hosts mm scale fragments of iD, iG5Ca, 5Ce and quartz vein, fragments are both angular and rounded, matrix/fragments = 70/30 The above in turn hosts 1 - 4cm rounded quartz vein fragments mostly white, no sulphides in quartz vein fragments, py and cpy is seen disseminated in both Ca matrix and totally replaces some iD5Ca fragments, up to 10cm fragments of QVBX 137.0-137.45 10cm fragments or irregular veinlets of QVBX Mineralization: 136.0-136.5 mgr py to 0.5% Trace sph, cpy 136.5-137.0 mgr py to 0.5% Trace sph, cpy in both matrix and fragments 137.0-137.45 mgr sph, cpy Trace py 2 speck VG, Tot sulphides 1% 137.45-137.95 mgr py 0.5% Trace sph, cpy 137.95-138.45 mgr py 0.5% Trace sph, cpy 138.45-138.95 mgr py 0.5% Trace sph, cpy 138.95-139.45 mgr py 0.5% Trace sph, cpy 139.45-139.95 mgr py 0.5% Trace sph, cpy						
138.90	139.65	QVBX	QVBX	Quartz Vein BX	Mostly grey quartz hosts well digested white quartz vein fragments, locally vuggy	136.00	136.50	43936	0.50	2.76	0.080
139.65	144.35	QV	QV	Quartz Vein	Mostly white quartz with few grey quartz patches and veinlets, few clear silica veinlets mm scale local brecciated quartz vein, no clear contact 140.45- graphitic stylolites appear 141.95- numerous graphitic stylolites, sulphides concentrated on stylolites lower contact 20cm grey quartz bands 5CfBx with iD5Ca fragments and white quartz fragments lower contact at 30° to core axis Mineralization: 139.95-140.45 mgr py 0.5% Trace sph, cpy 140.45-140.95 mgr py to 1% Trace sph, cpy 140.95-141.45 Trace py 141.45-141.95 Trace py, Trace sph 141.95-142.45 Trace py, Trace sph	136.50	137.00	43937	0.50	1.13	0.033
						137.00	137.45	43938	0.45	15.85	0.462
						137.45	137.95	43939	0.50	1.14	0.033
						GS-5a	0.00	43940	0.00	5.07	0.148
						137.95	138.45	43941	0.50	2.16	0.063
						138.45	138.95	43942	0.50	2.36	0.069
						138.95	139.45	43943	0.50	0.74	0.022
						139.45	139.95	43944	0.50	0.27	0.008
						139.95	140.45	43945	0.50	0.72	0.021
						140.45	140.95	43946	0.50	1.37	0.040
						140.95	141.45	43947	0.50	0.70	0.020
						141.45	141.95	43948	0.50	0.11	0.003
						141.95	142.45	43949	0.50	0.51	0.015
						GS-5a	0.00	43950	0.00	5.07	0.148
						142.45	142.95	43951	0.50	3.64	0.106

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
					142.45-142.95 mgr sph to 0.5% 142.95-143.45 mgr py, sph to 0.5% 143.45-143.95 m - cgr py, sph	142.95	143.45	43952	0.50	4.40	0.128
144.35	148.45	QSTRZ	QSTRZ	Quartz Stringer Zone	10% white quartz veinlets mostly irregular and local stockwork hosted in iD5Ca, Tr sulphides in quartz carbonate structures, few grey and clear silica cross cutting veinlets, veinlets mm scale Mineralization: 144.35 - 148.45 Tr py, cpy	143.45	143.95	43953	0.50	0.78	0.023
						143.95	144.35	43954	0.40	0.22	0.006
						144.35	144.85	43955	0.50	0.64	0.019
						144.85	145.35	43956	0.50	0.56	0.016
						145.35	145.85	43957	0.50	1.17	0.034
						145.85	146.35	43958	0.50	2.14	0.062
						146.35	146.85	43959	0.50	0.52	0.015
						GS-20	0.00	43960	0.00	19.80	0.577
						146.85	147.55	43961	0.70	0.81	0.024
						147.55	148.00	43962	0.45	0.24	0.007
						148.00	148.45	43963	0.45	0.49	0.014
148.45	148.90	QV	QV	Quartz Vein	Contacts at 25° TCA, white quartz with numerous dark grey/clear silica veinlets and grey quartz patches, moderate graphic stylolites, few white clay filled fractures Mineralization: 148.45-148.9 Tr medium grained py	148.45	148.90	43964	0.45	0.06	0.002
148.90	149.30	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	black - dark grey recrystallized chalcedonic matrix hosts irregular quartz veinlets and fragments, fragments are mostly rounded and partially digested	148.90	149.30	43965	0.40	0.31	0.009
149.30	150.25	QV	QV	Quartz Vein	as above Mineralization: 149.3-149.8 Tr mgr py	149.30	149.80	43966	0.50	<0.05	0.001
						149.80	150.25	43967	0.45	<0.05	0.001
150.25	152.25	5CfBXb	CfBX	Cherty Matrix BX, Black	contacts at 45° TCA, black siliceous pyritic matrix hosts rounded quartz vein fragments and angular iD5Ca frags, numerous muddy and fine grained py filled fragments (replaced fragments?), moderate clay alteration in fractures Mineralization: 152.25-152.9 Tr mgr py at upper contact	150.25	150.75	43968	0.50	0.37	0.011
						150.75	151.25	43969	0.50	0.16	0.005
						GS-15	0.00	43970	0.00	15.35	0.448
						151.25	151.75	43971	0.50	<0.05	0.001
						151.75	152.25	43972	0.50	<0.05	0.001
152.25	152.90	QV	QV	Quartz Vein	mostly white quartz with few graphite stylolites, local veinlets few zones of QVBX, at lower contact, 20 cm is clay/carbonate veinlets networking with few iD5Ca fragments, muddy py filled fractures, mm scale	152.25	152.90	43983	0.65	<0.05	0.001

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-27			
Collar Details				Notes:				Started		July 13, 2004					
Longitude		61720.52 E						Finished		July 15, 2004					
Latitude		64688.10 N						Logged By:		M.J.Glover					
Elevation		1298.42 m ASL						Tests		Depth		Az		Dip	
End of Hole		136.30 m								0.0		121.0		-57.0	
Azimuth		121.0								71.6		110.0		-61.5	
Dip		-57.0								132.6		108.0		-64.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	18.30	OB		Overburden	Casing through Overburden										
18.30	36.30	5Dd		Graphitic Argillite	Laminated finely intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility @ 55TCA. Blocky core from 30m to contact.										
36.30	50.90	5Ca		Volcanics	Intercalated meta-basalts and cherty tuffs. 36.3-39.6 wD mShr lam @ 50TCA 39.6-41.9 Ce Med grey wFeOX 41.9-42.4 5Ca mD 42.4-43.5 5Ce 43.5-47.1 5Ca mD 47.1-47.6 5Ca wD mShr lam 47.6-49.1 5Ca mD 49.1-50.3 5Ca mD ,CBX 50.3-50.9 5Ca mD										
50.90	53.20	QSTRZ	QSTRZ	Quartz Stringer Zone	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.	50.90	51.70	43985	0.80	<0.05	0.001				
						51.70	52.50	43986	0.80	<0.05	0.001				
						52.50	53.20	43987	0.70	<0.05	0.001				
						53.20	53.70	43988	0.50	0.13	0.004				
53.20	53.70	5CfBX	CfBX	Cherty Matrix BX	Pale-medium grey chert/chalcedony with rounded iD fragments. Muddy py)	53.70	54.40	43989	0.70	<0.05	0.001				
53.70	54.40	QVBX	QVBX	Quartz Vein BX	Vuggy milky white QVBX with Cf and muddy py matrix/fracture filling	GS-20	NSS	43990	0.00	0.00					
54.40	55.00	5CaBX	BX	Volcanics, BX'd	l muddy py Ca BX @25TCA	54.40	55.00	43991	0.60	<0.05	0.001				
55.00	66.20	5Ca		Volcanics	mD 5Ca, local mCBX. wQstr zone @ 62.4-62.8 with 3@ 2cm milky qstrs@45TCA. No SX. 63-66.2 is frac'd FeOX stained										
66.20	66.80	5CfBX	CfBX	Cherty Matrix BX	Dark grey mylonitic breccia zone. Mm scale iD and Qtz frags										

Cusac Gold Mines Ltd.				MM/Rory Project			Diamond Drill Hole Log				04MM-28			
Collar Details				Notes:			Started		July 16, 2004					
Longitude		61780.55 E		Rory : QSTRZ - 113.3 to 114.6 : 0.005 oz/t Au over 1.3 m (1.06m TW) , none			Finished		July 18, 2004					
Latitude		64822.55 N					Logged By:		M.J.Glover					
Elevation		1261.68 m ASL					Tests		Depth		Az		Dip	
End of Hole		133.20 m							0.0		130.0		-51.0	
Azimuth		130.0							35.0		124.0		-49.0	
Dip		-51.0							92.7		124.0		-50.0	
						129.5		123.0		-51.0				
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t			
0.00	15.20	OB		Overburden	Casing through Overburden									
15.20	37.30	5Ca		Volcanics	15.2-22.7 5Ca w-mD Blocky FeOX stained. Wk local G/Sil filled frac/BX'n 22.7-32.7 5Ca wD Medium green, massive, homogenous. No FeOX 32.7-36.8 5Ca wD w-m CBX. FeOX on frac. Alt'n increasing to contact.									
37.30	41.70	QSTRZ	QSTRZ	Quartz Stringer Zone	Low (sub-parallel TCA) angle Qstrz in mi to iD 5Ca. Generally m frac'd milky white Qtz with minor secondary carbonate and grey Qtz fracture filling. +/- 25% Qtz OA.	37.30	37.80	43996	0.50	<0.05	0.001			
						37.80	38.30	43997	0.50	<0.05	0.001			
						38.30	38.80	43998	0.50	<0.05	0.001			
						38.80	39.30	43999	0.50	<0.05	0.001			
						GS-20	0.00	44000	0.00	20.80	0.607			
						39.30	39.80	44001	0.50	1.53	0.045			
						39.80	40.30	44002	0.50	<0.05	0.001			
						40.30	40.80	44003	0.50	<0.05	0.001			
						40.80	41.30	44004	0.50	<0.05	0.001			
41.30	41.70	44005	0.40	<0.05	0.001									
41.70	61.50	5Ca		Volcanics	41.7-47.4 5Ca wD. Msv homo medium green 47.4-47.6 w-mD halo to 2cm qstr 47.6-49.8 5Ca wD 49.8-52.9 5Ca w-mD wCBX wK wBX at center of interval. 52.9-56 5Ca wD msv med green homo 56-58.7 5Ca w-mD wCBX 58.7-61.5 5Ca wD with slight incr in D over last 40cm of int with wCBX									
61.50	61.85	QCV	QCV	Quartz Carbonate Vein	Mottled translucent medium grey QCa str @ 20 TCA.									

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
61.85	66.20	5Ca		Volcanics	Weak local BX'n of 5Ca mD m-l CBX. Low angle G slip @ 63.1						
66.20	67.00	5Ca		Volcanics	Cherty Tuff Medium grey very fine grained. Minor milky white dry qstrs. Irregular brittle contacts.						
67.00	71.10	5Ca		Volcanics	mD wCBX 5Ca. Few irregular milky qstrs.						
71.10	71.20	QSTR	QSTR	Quartz Stringer	Dry milky white qstr @35TCA. No SX						
71.20	73.70	5Ca		Volcanics	w-mD wCBX, as above						
73.70	73.95	5CaBX	BX	Volcanics, BX'd	viCBX with black G/sil matrix						
73.95	74.90	5Ca		Volcanics	wD vwCBX						
74.90	75.10	5CaBX	BX	Volcanics, BX'd	As above						
75.10	84.40	5Ca		Volcanics	wD dry massive homogenous medium green						
84.40	89.30	5CaBX	BX	Volcanics, BX'd	viCBX'd, perhaps slightly cherty of mD 5Ca/e. Rounded frags with mCBX. UC@ 30TCA, LC@ 60TCA						
89.30	91.40	5Ca		Volcanics	wD m-iCBX 5Ca. 90.1-90.2 is very blocky.						
91.40	92.60	5Ca		Volcanics	iD miCBX FeOX stained rubble to 91.8						
92.60	94.30	QSTRZ	QSTRZ	Quartz Stringer Zone	30% milky white angular bull qstrs to 15cm in medium grey possibly silty tuff matrix. Minor muddy py in host rock.	92.60	93.20	44006	0.60	0.44	0.013
94.30	113.30	5Ca		Volcanics	94.3-95.7 Buff miD miCBX 95.7-10.48 mD wCBX local mi CBX 104.8-104.9 wk CaBX 104.9-113.3 5Ca miD. W local M. m-l CBX	93.20	93.70	44007	0.50	0.66	0.019
						93.70	94.30	44008	0.60	0.39	0.011
113.30	114.60	QSTRZ	HW	Quartz Stringer Zone	Weak (5@ 1-2 cm) angular milky white qstrs @ 30/50TCA. No SX of note	113.30	113.95	44009	0.65	0.23	0.007
114.60	118.60	5Ca		Volcanics	miD mCBX. Local weak Cf filled frags. wM. Mgr diss py to FLT contact.	GS-5a	0.00	44010	0.00	4.17	0.122
						113.95	114.60	44011	0.65	0.10	0.003
118.60	119.00	FLT	FLT	Fault	5Ca/Cf BX and QVBX. iFeOX rubble.	118.60	119.00	44012	0.40	0.11	0.003
119.00	119.30	QVBX	QVBX	Quartz Vein BX	Angular 2cm milky white QV/Ca frags in medium grey CF matrix.	119.00	119.30	44013	0.30	0.13	0.004
119.30	120.30	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak qstrz/qstr BX zone. 25-30% Q OA. 1% muddy py.	119.30	119.70	44014	0.40	0.30	0.009
						119.70	120.10	44015	0.40	<0.05	0.001
120.30	124.80	5Ca		Volcanics	Pale green wk shr lam						
124.80	125.40	5CaiD		Volcanics, IntDol	Classic pyritic 5CaiD						
125.40	125.60	QCV	QCV	Quartz Carbonate Vein	Mottled milky white and pale grey QCaV @ 45TCA	125.40	125.80	44016	0.40	0.61	0.018
125.60	125.80	5Ca		Volcanics	Shear laminated cherty/silty tuff. Medium grey with mgr py to 3% OA. Normal to QCV						

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log			04MM-29			
Collar Details			Notes:				Started			July 18, 2004			
Longitude	61780.55	E	Rory : QSTRZ - 115.4 to 120.7 : 0.155 oz/t Au over 5.3 m (4.19m TW) , VG sp, py, cp, tt				Finished			July 20, 2004			
Latitude	64822.55	N					Logged By:			M.J.Glover			
Elevation	1261.68	m ASL					Tests			Depth	Az	Dip	
End of Hole	128.70	m								0.0	131.0	-51.0	
Azimuth	131.0									44.2	131.0	-51.0	
Dip	-51.0									123.0	132.0	-51.5	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonn	AU oz/t		
0.00	15.20	OB		Overburden	Casing through Overburden								
15.20	21.20	5Ca		Volcanics	mD wCBX. Few irregular QCa str. No PDO								
21.20	21.80	5CaBX	BX	Volcanics, BX'd	vi CBX with muddy py. miD 5Ca								
21.80	31.00	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa str and QCa frags in grey chalc matrix.								
31.00	32.40	5CfBX	CfBX	Cherty Matrix BX	50% pale to medium grey chalc matrix/fracture filling supporting generally angular 5CaiD fragments. From 30-34TCA. No SX of note								
32.40	41.00	5CaBX	BX	Volcanics, BX'd	Predominantly 5CamID with concentrations of late QCa str, viCBX zones and local CfBX'n. Very low angle TCA is dominant i.e., 10-15TCA								
41.00	46.30	5Ca		Volcanics	5CamD Buff alt'n wCBX								
46.30	46.50	5CaBX	BX	Volcanics, BX'd	G slips bound Qstr G matrix with iD frags. No sig SX								
46.50	54.60	5Ca		Volcanics	wmD 5Ca wCBX. Weak local alt'n attendant to frac zone @ 46.7-48.4								
54.60	55.10	5CaBX	BX	Volcanics, BX'd	viCBX. Typical								
55.10	65.10	5Ca		Volcanics	wmD to locally viCBX. Minor irregular QCa str @ 57.7-58.1@5TCA. 1cm TW. 61.1-65.1 Low angle QCa str 2-3cm TCA, miCBX in selvage.								
65.10	66.60	5CaiD		Volcanics, IntDol	ipy wCBX 5CaiD few mm scale anastomosing Qca str.								
66.60	69.80	5Ca		Volcanics	mD few milky angular QCa str. No PDO. wCBX								
69.80	73.20	5Ca		Volcanics	iD grading downhole to miD. Pervasive ipy iCBX to viCBX locally. Minor milky bull Q @ LC								
73.20	74.90	5Ca		Volcanics	Medium grey aphanitic weakly pervasively pyritic argillaceous tuffs. Few angular brittle white milky Q frags fillings.								

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonn	AU oz/t
74.90	76.55	QVBX	QVBX	Quartz Vein BX	30% irregularly oriented milky qstrs and qvltis in miD 5Ca. Tr tet, cpy, sph	74.90	75.30	44017	0.40	0.39	0.011
						75.30	76.00	44018	0.70	0.53	0.015
						76.00	76.55	44019	0.55	0.48	0.014
						GS-5a	0.00	44020	0.00	4.96	0.145
76.55	78.40	QV	QV	Quartz Vein	Generally milky white weakly fractured QV. Few Carb/Sil fracture fillings. No angles. Minor secondary pale grey qtz as mm scale fracture filling. Tr tet, sph	76.55	77.20	44021	0.65	0.44	0.013
						77.20	77.80	44022	0.60	0.11	0.003
						77.80	78.40	44023	0.60	<0.05	0.001
78.40	78.95	5Ca		Volcanics	miD 5Ca with 30% qstrs.	78.40	78.95	44024	0.55	0.23	0.007
78.95	79.85	QV	QV	Quartz Vein	QVBX grades quickly into QV as above. Irregular BX contacts. Tr sph, tet, M	78.95	79.40	44025	0.45	0.35	0.010
						79.40	79.85	44026	0.45	<0.05	0.001
79.85	80.25	5CaiD		Volcanics, IntDol	Classic miCBX, mpy 5Ca wD. Minor qstrs.	79.85	80.25	44027	0.40	0.51	0.015
80.25	81.30	QSTRZ	QSTRZ	Quartz Stringer Zone	30% milky white brittle fracture filling qstrs in medium grey 5CdG. Disseminated mgr py in wall rock.	80.25	80.90	44028	0.65	1.19	0.035
						80.90	81.30	44029	0.40	1.53	0.045
						GS-15	0.00	44030	0.00	15.05	0.439
81.30	82.50	QVBX	QVBX	Quartz Vein BX	QVBX in 5Cd. 60% milky white. Brittle contact. QVBX in med Gy 5Cd 1% mgr clotty py and sph	81.30	81.90	44031	0.60	2.83	0.083
						81.90	82.50	44032	0.60	0.65	0.019
82.50	83.50	5CaBX	BX	Volcanics, BX'd	viCBX miD 5Ca						
83.50	90.70	5Ca		Volcanics	Generally m to locally viCBX with carb/sil fracture filling						
90.70	92.30	QSTRZ	QSTRZ	Quartz Stringer Zone	20% milky qstrs in 5Ca miD mCBX. Irregular contacts. No PDO. No SX of note	90.70	91.20	44033	0.50	0.77	0.022
						91.20	91.70	44034	0.50	0.96	0.028
						91.70	92.30	44035	0.60	0.36	0.010
92.30	93.90	QVBX	QVBX	Quartz Vein BX	Irregular milky white qstrs and QV with wispy contorted 5Ca miD fragments. Py with wall rock frags.	92.30	92.80	44036	0.50	0.57	0.017
						92.80	93.30	44037	0.50	0.67	0.020
						93.30	93.90	44038	0.60	0.35	0.010
93.90	95.50	5Ca		Volcanics	mD wmCBX 5Ca						
95.50	104.90	5Ca		Volcanics	wD to 104.4 then miD. LC @ 70TCA with G shr zone over 8cm						
104.90	108.20	QSTRZ	QSTRZ	Quartz Stringer Zone	milky white qstrs in 5Ca m to miD. No significant SX	104.90	105.60	44039	0.70	0.42	0.012
						GS-20	0.00	44040	0.00	20.70	0.604
						105.60	106.40	44041	0.80	3.44	0.100
						106.40	107.00	44042	0.60	0.44	0.013
						107.00	107.60	44043	0.60	1.89	0.055
107.60	108.20	44044	0.60	0.30	0.009						
108.20	108.40	5CfBXg	CfBX	Cherty Matrix BX, Graph	Dark grey sil matrix with 2-3mm 5CaiD fragments and 2% disseminated mgr py.	108.20	108.40	44045	0.20	1.14	0.033
108.40	115.40	5Ca		Volcanics	5Ca mD miCBX. Typical buff +/- py to iD with minor irregular milky and translucent Qtz Ca str. Very minor Cf BX locally.	114.90	115.40	44046	0.50	0.28	0.008

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
99.30	107.25	5Ca		Volcanics	wD dry medium green to 106.5 then slight increase in degree of D to contact with trace Mariposite						
107.25	107.55	QSTRZ	QSTRZ	Quartz Stringer Zone	Shear laminated stringers in iD5Ca to 107.4 then 15cm Qvlt @ 50TCA. Then 10cm 5CfBX@45TCA@HW, 30@FW.	107.25	107.55	44061	0.30	1.39	0.041
107.55	115.80	5Ca		Volcanics	wmD wCBX w Local M						
115.80	117.50	QSTRZ	QSTRZ	Quartz Stringer Zone	45% irregularly oriented but generally low angle milky white qstrs in 5CaD. Last 70cm is 80% Q with Tr mgr py and mgr py in wall rock fragments.	115.80	116.40	44062	0.60	6.15	0.179
						116.40	117.00	44063	0.60	7.42	0.216
						117.00	117.50	44064	0.50	6.14	0.179
117.50	119.90	5Ca		Volcanics	mD5Ca. Few qstrs to 2cm@40TCA						
119.90	122.90	QSTRZ	HW	Quartz Stringer Zone	Weak quartz stringer zone with 25% milky qstrs @40TCA in 5CaiD wCBX.	119.90	120.65	44065	0.75	0.94	0.027
						120.65	121.40	44066	0.75	4.28	0.125
						121.40	122.15	44067	0.75	0.34	0.010
						122.15	122.90	44068	0.75	16.20	0.472
122.90	126.20	QVBX	QVBX	Quartz Vein BX	mD wCBX						
126.20	127.00	QSTRZ	QSTRZ	Quartz Stringer Zone	Low angle milky white qstrs in 5CaiD	126.20	127.00	44069	0.80	0.77	0.022
						GS-15	0.00	44070	0.00	14.50	0.423
127.00	127.90	QVBX	QVBX	Quartz Vein BX	Milky sub angular to angular QV fragments to 3cm in secondary medium grey Quartz/py matrix. 2% mgr py.	127.00	127.50	44071	0.50	0.81	0.024
						127.50	127.90	44072	0.40	0.90	0.026
127.90	130.45	5CaiD		Volcanics, IntDol	iD to miD miCBX. Few milky qstrs.	127.90	128.60	44073	0.70	0.52	0.015
						128.60	129.30	44074	0.70	0.36	0.010
						129.30	129.85	44075	0.55	2.48	0.072
						129.85	130.45	44076	0.60	2.41	0.070
130.45	131.10	QV	QV	Quartz Vein	90% white QV with concentrations of mgr py with wall rock inclusions. 3% py overall.	130.45	131.10	44077	0.65	3.13	0.091
131.10	131.25	5CaiD		Volcanics, IntDol	Few qstrs in classic 5CaiD	131.10	131.25	44078	0.15	3.05	0.089
131.25	131.40	QVBX	QVBX	Quartz Vein BX	Partially digested milky Q in dark grey and CFBX matrix.	131.25	131.40	44079	0.15	0.14	0.004
						GS-5a	0.00	44080	0.00	4.99	0.146
131.40	131.85	5CaiD		Volcanics, IntDol	Minor CfBX and qstrs in iD	131.40	131.85	44081	0.45	0.78	0.023
131.85	132.05	QVBX	QVBX	Quartz Vein BX	As above.	131.85	132.05	44082	0.20	0.60	0.017
132.05	132.70	QSTRZ	QSTRZ	Quartz Stringer Zone	Minor low angle milky qstrs in 5CaiD	132.05	132.70	44083	0.65	0.96	0.028
132.70	133.25	QV	QV	Quartz Vein	Milky QV with angular wall rock fragments/inclusions.	132.70	133.25	44084	0.55	1.49	0.043
133.25	140.00	5CaiD		Volcanics, IntDol	iD iCBX. Minor muddy py patches	Blank	0.00	44085	0.00	<0.05	0.001
140.00	148.50	5Ca		Volcanics	miD wK Locally vuggy						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-31			
Collar Details				Notes:				Started		July 22, 2004					
Longitude		61757.09 E		Rory : QV - 107.3 to 108.2 : 0.002 oz/t Au over 0.9 m (0.68m TW) , mgr py				Finished		July 24, 2004					
Latitude		64742.09 N						Logged By:		M.J.Glover					
Elevation		1284.00 m ASL						Tests		Depth		Az		Dip	
End of Hole		139.30 m								0.0		102.0		-54.0	
Azimuth		102.0								35.0		102.0		-55.0	
Dip		-54.0								83.5		104.0		-55.0	
						135.6		101.0		-55.5					
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	18.30	OB		Overburden	Casing through Overburden										
18.30	25.10	OB		Overburden	Very blocky and FeOX stained core. Generally mD. Rubbly gouge @25.1 suggests sub-crop.										
25.10	27.70	5CaiD		Volcanics, IntDol	Classic iD with pink tinge wCBX										
27.70	27.85	5CfBX	CfBX	Cherty Matrix BX	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
27.85	29.30	5CaiD		Volcanics, IntDol	Classic iD but wCBX										
29.30	32.10	5Ca		Volcanics	mD. Minor local Chl wisps.										
32.10	33.20	5CfBX	CfBX	Cherty Matrix BX	Low angle (@5TCA) CfBX with G										
33.20	36.00	5CaiD		Volcanics, IntDol	miD iCBX. Few QCa strs.										
36.00	38.10	QVBX	QVBX	Quartz Vein BX	Polyphase QV/QVBX. Generally milky white Q with late carb and sericite inclusions then pale medium grey silica with milky white vein fragments. Irregular contacts. No SX of note.	36.00	36.70	44087	0.70	0.14	0.004				
						36.70	37.40	44088	0.70	<0.05	0.001				
						37.40	38.10	44089	0.70	0.33	0.010				
						GS-20	0.00	44090	0.00	20.90	0.610				
38.10	55.90	5Ca		Volcanics	38.1-42.2 5Ca miD iCBX 42.2-51.5 wD Dry 51.5-55.9 mD wCBX										
55.90	56.10	QSTR	QSTR	Quartz Stringer	Milky white moderately fractured Qvlt @ 45TCA. Rubbly core.	55.90	56.10	44091	0.20	<0.05	0.001				
56.10	58.00	5Ca		Volcanics	miD mCBX										
58.00	58.10	5CaBX	BX	Volcanics, BX'd	Low angle UC. viCBX. LC@30TCA										
58.10	66.00	5Ca		Volcanics	wD grading to mD downhole.										
66.00	66.50	5CaBX	BX	Volcanics, BX'd	viCBX with 15cm CfBX with 1-15mm Q frags. No SX of note.										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
66.50	82.60	5Ca		Volcanics	66.5-68 mD wCBX 68-71 wD Dry 71-77.7 mD wCBX 77.7-81.2 wD msv med green 81.2-82.6 miD with yellow alt'n tinge. Few qstrs						
82.60	84.60	5CaBX	BX	Volcanics, BX'd	viCBX to iCBX in yellow tinged miD5Ca.						
84.60	89.60	5Ca		Volcanics	mD miCBX. Few 1-3cm QCa str @ 70TCA						
89.60	90.10	QV	QV	Quartz Vein	"Sericitic Vein" 80% milky white Q @ 50TCA with pale green sericitic inclusions to 1x3cm. Tr mgr py	89.60	90.10	44092	0.50	5.60	0.163
90.10	92.60	5Ca		Volcanics	mD 5Ca. W-mCBX. Minor viCBX @ 91-91.1						
92.60	96.70	5Ca		Volcanics	wD Medium green wK. Fracture zones @ 92.6-93 and 95.1-95.4 with iK and FeOX staining. Last 1/2m is silicified with viCBX to contact.						
96.70	97.20	QV	QV	Quartz Vein	Milky white QV @60TCA. Minor Ca inclusions. No SX of note.	96.70	97.20	44093	0.50	0.06	0.002
97.20	98.80	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak bull white qstrz. 5@6-10cm milky str @70TCA. Tr mgr py.	97.20	98.00	44094	0.80	0.74	0.022
98.80	99.90	5Ca		Volcanics	mD wCBX LC is fracture zone with FeOX	98.00	98.80	44095	0.80	0.70	0.020
99.90	100.20	QV	QV	Quartz Vein	Milky white with chl'd wall rock inclusions. @70TCA Tr mgr py.	98.80	100.20	44096	1.40	2.55	0.074
100.20	103.90	5CaiD		Volcanics, IntDol	iD mCBX with muddy py. Frac zone @ 102.2-102.4 with iFeOX						
103.90	105.00	5Ca		Volcanics	wmD wCBX wK FeOX staining on fracs.						
105.00	106.40	5CaiD		Volcanics, IntDol	iD wCBX ipy as patchy alt'n	105.80	106.40	44097	0.60	<0.05	0.001
106.40	106.80	5CaBX	BX	Volcanics, BX'd	Sheared disrupted iD with Q and Ca str. Vuggy	106.40	106.80	44098	0.40	0.10	0.003
106.80	107.30	QSTRZ	QSTRZ	Quartz Stringer Zone	30% irregular disrupted milky white Q in 5CaiD mCBX	106.80	107.30	44099	0.50	0.18	0.005
						GS-20	0.00	44100	0.00	19.35	0.564
107.30	108.20	QV	HW	Quartz Vein	Moderately fracture milky white QV with minor 3mm med grey secondary Q str and chl/py wispy inclusions. 45-50TCA. 1/2% mgr py.	107.30	107.80	44101	0.50	<0.05	0.001
						107.80	108.20	44102	0.40	0.12	0.003
						Blank	0.00	44103	0.00	<0.05	0.001
108.20	122.50	5Ca		Volcanics	108.2-111.2 Moderately fractured iD classic. FeOX on fractures. 111.2-111.4 Qstrs Moderately fractured white qstrs @ 80TCA with FeOX stained Carbonate fracture filling. 111.4-120.35 wmCBX. To 1% diss mgr py 120.35-122.55 15% generally milky white qstrs @ 45 TCA	108.20	108.80	44104	0.60	0.40	0.012
						111.20	111.40	44105	0.20	0.28	0.008
						120.35	120.90	44106	0.55	0.30	0.009
						120.90	121.45	44107	0.55	0.20	0.006
						121.45	122.00	44108	0.55	0.33	0.010
						122.00	122.55	44109	0.55	0.39	0.011
						GS-5a	0.00	44110	0.00	4.69	0.137
122.50	124.40	QV	QV	Quartz Vein	Weakly fractured milky white QV @ 45 TCA with 5% sub	122.55	123.00	44111	0.45	<0.05	0.001

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-32			
Collar Details				Notes:				Started		July 24, 2004					
Longitude		61757.09 E						Finished		July 27, 2004					
Latitude		64742.09 N						Logged By:		M.J.Glover					
Elevation		1284.00 m ASL						Tests		Depth		Az		Dip	
End of Hole		154.60 m								0.0		102.0		-62.0	
Azimuth		102.0								23.1		102.0		-63.0	
Dip		-62.0								89.9		104.0		-65.0	
										120.4		105.0		-65.5	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	15.20	OB		Overburden	Casing through Overburden										
15.20	21.00	OB		Overburden	Rubby core. Numerous clay seams										
21.00	21.20	5CfBX	CfBX	Cherty Matrix BX	Medium grey chalcedony matrix with mm scale G fragments.										
21.20	23.50	5CaiD		Volcanics, IntDol	@ 60-80TCA. Q and iD fragments and minor QCa strcs and QCa frags in grey chalc matrix.										
23.50	23.60	5Ca		Volcanics	w-mD Possible weak shear fabric.										
23.60	26.00	5CaiD		Volcanics, IntDol	Classic with some M of Cr rich ser with py slip @ 10TCA @ 24.8-25.8										
26.00	26.30	5CfBX	CfBX	Cherty Matrix BX	Medium grey with Q fragments										
26.30	38.10	5Ca		Volcanics	Generally buff grey mD wCBX with zones of iCBX and py assoc wQCa filled frags. Tr-1% fgr diss py.										
38.10	54.00	5Ca		Volcanics	w-mD. Local zones of viCBX esp. 50.2-50.6										
54.00	59.00	QSTRZ	QSTRZ	Quartz Stringer Zone	Very weak quartz stringer zone. 15 @ 1-3cm TW milky white qstrs @ 45TCA. No SX of note.										
59.00	61.80	5Ca		Volcanics	wmD vwCBX										
61.80	62.10	5CfBX	CfBX	Cherty Matrix BX	Dark grey matrix with iD fragments to 10mm @50TCA										
62.10	62.40	5Ca		Volcanics	w-mD wCBX. Mod RQ										
62.40	69.60	5Ca		Volcanics	5Ca-5CaBX. mD l to vi CBX. Very blocky core.										
69.60	70.00	5CaBX	BX	Volcanics, BX'd	Fractured 5Ca wD cemented with vuggy drusy calcite. Blocky core										
70.00	71.00	5Ca		Volcanics	wmD wCBX										
71.00	74.90	5Ca		Volcanics	miD 5Ca with fracture zone. Very blocky FeOX stained. Locally muddy py patches as per iD classic.										
74.90	76.00	5Ca		Volcanics	wD 5Ca. Massive medium green homogenous.										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
76.00	78.90	5Ca		Volcanics	wmD mCBX. Few irregular QCA str. UC is 2cm Ca str @ 5TCA over 60cm.						
78.90	79.80	5Ca		Volcanics	miD yellow alt'n tinge.						
79.80	80.30	5CaBX	BX	Volcanics, BX'd	Sheared and contorted fol'n with 4cm white QCa str @ 45TCA. iG shr/4cm.						
80.30	80.70	QVBX	QVBX	Quartz Vein BX	Intensely fractured milky QV with secondary medium grey Q and muddy py fracture filling. Rolling contacts @ 30TCA. Some CfBX.	80.30	80.70	44116	0.40	<0.05	0.001
80.70	81.00	5CaiD		Volcanics, IntDol	Classic with minor irregular qstrs.	80.70	81.00	44117	0.30	<0.05	0.001
81.00	81.30	QCV	QCV	Quartz Carbonate Vein	Pale grey/green opaque QCV @ 45 TCA	81.00	81.30	44118	0.30	<0.05	0.001
81.30	81.80	5CaiD		Volcanics, IntDol	Classic with local shearing and wk BX'n						
81.80	84.10	5Ca		Volcanics	wD. Few QCa str.						
84.10	84.70	QSTRZ	QSTRZ	Quartz Stringer Zone	2@15 and 10cm QCa vlts as above. @45TCA	84.10	84.70	44119	0.60	<0.05	0.001
84.70	91.40	5Ca		Volcanics	wD msv homogenous medium green	GS-5a	0.00	44120	0.00	5.05	0.147
91.40	92.50	5CaBX	BX	Volcanics, BX'd	vi fractured 5CaiD with iG fracture filling. vi py (muddy) and wM						
92.50	98.90	5Ca		Volcanics	miD 5Ca grades to classic iD 5Ca over last 1.5m with 10% 3cm vuggy Ca str with muddy py @ 97.9-98.2 iCBX						
98.90	102.50	5Ca		Volcanics	wD 5Ca. Few mD patches and 5-6mm Ca str.						
102.50	105.80	5Ca		Volcanics	mD. wK yellow tinge to alt'n. Locally weak incipient shear lamination.						
105.80	106.40	5CaBX	BX	Volcanics, BX'd	Minor CfBX @ FW of viCBX @20TCA. Wk QCa str.						
106.40	107.50	5CaiD		Volcanics, IntDol	Classic iCBX ipy iD						
107.50	107.80	5CaBXg	BX	Volcanics, Int Graph BX'n	Black to dark grey sil+G matrix with l muddy py and iD fragments @ 30TCA	107.50	107.80	44121	0.30	0.92	0.027
107.80	110.80	QVBX	QVBX	Quartz Vein BX	Milky white very weakly fractured generally dry QV. m Frac'd from 107.8-108.5 with minor fgr py on fracs and minor 2mm secondary medium grey Qtz. UC on shr @ 15TCA. LC wBX with no angles. Tr f-mgr py, 1/2% muddy py.	107.80	108.30	44122	0.50	0.88	0.026
						108.30	108.80	44123	0.50	<0.05	0.001
						108.80	109.30	44124	0.50	<0.05	0.001
						109.30	109.80	44125	0.50	<0.05	0.001
						109.80	110.30	44126	0.50	<0.05	0.001
						110.30	110.80	44127	0.50	<0.05	0.001

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
110.80	111.50	5CfBX	CfBX	Cherty Matrix BX	Rubbly core with medium grey CF matrix supporting angular Q and digested 5Ca with muddy py. 10% muddy py OA	110.80	111.50	44128	0.70	0.67	0.020
111.50	116.70	5Ca		Volcanics	5Ca miD. UC marked by 2cm Ca strs @10TCA.						
116.70	117.50	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak milky white qstrz. 12 + 15 cm strs + 10 @ 5mm strs @ 55TCA in 5CaiD ipy.	116.70	117.50	44129	0.80	2.30	0.067
						GS-15	0.00	44130	0.00	NSS	NSS
117.50	118.00	5CaiD		Volcanics, IntDol	Few cm scale Qstrs @ 70 TCA. G on contacts.	117.50	118.00	44131	0.50	0.85	0.025
118.00	118.40	FLT	FLT	Fault	iK gouge and rubbly core. No angles	118.00	118.40	44132	0.40	1.53	0.045
118.40	119.05	5CaiD		Volcanics, IntDol	viSil vi py with late brittle Q filled angular fractures. 3% mgr diss py	118.40	119.05	44133	0.65	0.92	0.027
119.05	119.85	QV	QV	Quartz Vein	Milky white weakly fractured QV @ 70TCA. Tr mgr py.	119.05	119.85	44134	0.80	0.05	0.001
119.85	120.20	5CaiD		Volcanics, IntDol	As above	119.85	120.20	44135	0.35	0.59	0.017
120.20	120.85	QV	QV	Quartz Vein	QV as above @ 45-50TCA. Tr mgr py.	120.20	120.85	44136	0.65	0.34	0.010
120.85	121.35	QVBX	QVBX	Quartz Vein BX	Vein BX/Stringer zone. 50/50 Q 5CaiD. Discrete contacts @ 60TCA	120.85	121.35	44137	0.50	0.98	0.029
121.35	122.10	QV	QV	Quartz Vein	Weakly fractured milky white QV. Minor FeOX staining on fractures. Some rubbly core. Contacts at 80 and 70 TCA.	121.35	122.10	44138	0.75	0.16	0.005
122.10	122.80	QSTRZ	QSTRZ	Quartz Stringer Zone	40% 3-5 cm milky white qstrs in 5CaiD host. Tr mgr py assoc with wall rock not Q.	122.10	122.80	44139	0.70	0.89	0.026
						GS-5a	0.00	44140	0.00	4.93	0.144
122.80	124.40	QV	QV	Quartz Vein	Sugary white QV. Tr mgr py. Minor FeOX on fracs. Tr mgr py.	122.80	123.80	44141	1.00	0.72	0.021
						123.80	124.40	44142	0.60	0.22	0.006
124.40	125.05	QSTRZ	QSTRZ	Quartz Stringer Zone	30% irregular milky white Qstrs to 10cm in 5CaiD ipy.	124.40	125.05	44143	0.65	3.14	0.092
125.05	125.40	QVBX	QVBX	Quartz Vein BX	Intensely fractured pale grey quartz with iG fracture filling @ 70TCA. 1/2% mgr py.	125.05	125.40	44144	0.35	0.46	0.013
125.40	125.60	QV	QV	Quartz Vein	Milky white QV @ 45TCA. Tr clotty mgr py.	125.40	125.60	44145	0.20	0.16	0.005
125.60	128.95	QV	QV	Quartz Vein	Low angle QV @15 to sub TCA. No significant SX.	125.60	126.25	44146	0.65	0.36	0.010
						126.25	126.95	44147	0.70	0.27	0.008
128.95	135.60	5Ca		Volcanics	miD. no CBX'n. Minor qstrs. Very low angles. Local weak BX'n, blocky core and FeOX locally.						
135.60	136.30	5CaBX	BX	Volcanics, BX'd	iG-ipy i CfBX slip @ 10TCA	135.60	136.30	44148	0.70	0.41	0.012
136.30	143.50	QV	QV	Quartz Vein	Intensely fractured with late secondary medium grey quartz and locally carbonate fracture heal. Some vuggy sections. 1m zones around contacts are increasingly grey with muddy py and increased G. No significant SX.	136.30	136.80	44149	0.50	0.08	0.002
						GS-20	0.00	44150	0.00	20.80	0.607
						136.80	137.30	44151	0.50	0.18	0.005
						137.30	137.80	44152	0.50	<0.05	0.001
						137.80	138.30	44153	0.50	<0.05	0.001

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-33			
Collar Details				Notes:				Started		July 27, 2004					
Longitude		61757.09 E		Rory : QV - 116 to 118.9 : 1.298 oz/t Au over 2.9 m (2.06m TW) , VG sp, py, cp, tt				Finished		July 29, 2004					
Latitude		64742.09 N						Logged By:		M.J.Glover					
Elevation		1284.00 m ASL						Tests		Depth		Az		Dip	
End of Hole		131.70 m								0.0		102.0		-58.8	
Azimuth		102.0								53.0		100.0		-59.0	
Dip		-58.8								120.0		102.0		-60.3	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	15.90	OB		Overburden	Casing through Overburden										
15.90	22.10	OB		Overburden	Rubby core, Possibly sub-crop.										
22.10	27.60	5Ca		Volcanics	wD medium green locally shear laminated @ 70TCA										
27.60	32.30	5CaiD		Volcanics, IntDol	@ 60-80TCA. Q and iD fragments and minor QCa str and QCa frags in grey chalc matrix.										
32.30	43.60	5Ca		Volcanics	wmD very slightly altered pale-medium green grades downhole into mD then last 2m is mD miCBX. FeOX stain on fractures. Few irregular QCa str locally.										
43.60	44.70	5CaBX	BX	Volcanics, BX'd	Composite BX zone. Top is vuggy cemented angular 5Ca fragments and Q then 40cm QVBX the 5CaBX with minor CF BX to 44.7@ contact.										
44.70	45.80	QV	QV	Quartz Vein	UC@25TCA. LC@ 10TCA. Very irregular with 5Ca rip-ups and fragments. Q is milky white. Tr mgr py	44.70	45.20	44169	0.50	<0.05	0.001				
						GS-15	0.00	44170	0.00	15.20	0.443				
						45.20	45.80	44171	0.60	0.13	0.004				
45.80	49.00	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak irregular bull qstrs in 5Ca miD iCBX. 15% str to 10cm max @ 10 to 90TCA. Tr mgr py.										
49.00	57.00	5Ca		Volcanics	mD ,CBX local viCBX 51.9 is 2cm Sil/Ca filled slip @ 30TCA with 40% angular QCa frags to 2cm										
57.00	57.20	5Ca	FLT	Volcanics	Graphitic Sil Shr/Slip @ 45TCA. iD halo to 20cm										
57.20	63.15	5Ca		Volcanics	wD w-mCBX. Slightly paler than unaltered. iFeOX on fractures especially at LC of unit with drusy calcite.										
63.15	63.80	QCV	QCV	Quartz Carbonate Vein	Low angle Ca fracture zone. 3cm QCa str and 5cm re-BX'd QCa str with Ca matrix.										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
63.80	93.50	5Ca		Volcanics	63.8-64.2 miD halo to QCV 64.2-65.9 wD msv Medium green 65.9-70.2 5Ca mD. Variable from w to locally iCBX. Blocky with FeOX on fractures. Few barren Ca str to 3cm. Minor local CfBX @ 30TCA. 70.2-81.3 wD medium green massive. Low angle fracture from 80.5- 89.1 sub TCA 81.3-82.5 mD mCBX 82.5-83.2 5CaBX (iCBX) mD fragments in G matrix. 83.2-88 mD (local iD patches to 10cm) w-mCBX 88-93.5 mD local Tr M. mCBX. Few QCa vlts. Vuggy with Drusy calcite to 1cm.						
93.50	96.50	5CaiD		Volcanics, IntDol	Local iCBX and 5CaBX						
96.50	98.50	QV	QV	Quartz Vein	UC vague with few low angle str and vlts. Mostly white Q with few well digested iD5Ca fragments. Some white clay patches associated with G stylolites. Mgr py assoc with 2cm massive py filled fracture @ 40TCA @ 97.4m	96.50	97.00	44172	0.50	<0.05	0.001
						97.00	97.50	44173	0.50	0.07	0.002
						97.50	98.00	44174	0.50	<0.05	0.001
						98.00	98.50	44175	0.50	<0.05	0.001
						Blank	0.00	44176	0.00	<0.05	0.001
98.50	101.40	QSTRZ	QSTRZ	Quartz Stringer Zone	Weak QSTRZ (20%) generally 1-3cm str with a single 20cm str @ 45TCA hosted in 5CamDmCBX.	98.50	99.30	44177	0.80	0.28	0.008
						99.30	100.00	44178	0.70	0.20	0.006
						100.00	100.70	44179	0.70	0.78	0.023
						GS-20	0.00	44180	0.00	20.90	0.610
						100.70	101.40	44181	0.70	1.70	0.050
101.40	102.20	QV	QV	Quartz Vein	Rubbly contact with fractured milky white QV with 5% irregular 5CaiD inclusions. Tr sph, Tr mgr py.	101.40	101.80	44182	0.40	0.29	0.008
						101.80	102.20	44183	0.40	0.05	0.001
102.20	102.55	5CaiD		Volcanics, IntDol	ipy, wM. Few QCa vlts to 1cm	102.20	102.55	44184	0.35	0.34	0.010
102.55	102.85	QV	QV	Quartz Vein	AS above. Tr mgr py.	102.55	102.85	44185	0.30	0.15	0.004
102.85	107.20	5CaiD		Volcanics, IntDol	Classic iD 106.65-107.2 I muddy py iM						
107.20	108.50	5Ca		Volcanics	mD ,CBX local viCBX 51.9 is 2cm Sil/Ca filled slip @ 30TCA with 40% angular QCa frags to 2cm						
108.50	109.00	5CaiD		Volcanics, IntDol	iD imuddy py in patches and frac filling. iM, m-l CBX						
109.00	109.20	QSTR	QSTR	Quartz Stringer	White Q and creamy carb. Few angular iD iCBX fragments @ 30TCA.						

Cusac Gold Mines Ltd.			MM/Rory Project				Diamond Drill Hole Log				04MM-34			
Collar Details					Notes:			Started		July 29, 2004				
Longitude		61709.59 E					Finished		August 2, 2004					
Latitude		64771.43 N					Logged By:		M.J.Glover					
Elevation		1286.47 m ASL					Tests		Depth		Az		Dip	
End of Hole		218.60 m							0.0		109.0		-50.0	
Azimuth		109.0							38.1		111.0		-49.5	
Dip		-50.0							120.4		113.0		-50.5	
									188.7		113.0		-52.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t			
0.00	19.40	OB		Overburden	Casing through Overburden									
19.40	69.70	5Ca		Volcanics	Weakly dolomitized fine grained, competent, massive, medium green, meta-basalts. 35.1-35.3 Carb str @ 45TCA. Banded open pace filling white-medium grey 44.35-44.6 wD alteration halo to 1.5cm QCa str @45TCA. 53.5-53.55 3cm TW QCa str @ 30TCA. No sig SX. Wk wall rock alt'n halo to 50cm. wD to 63.3 then wD with weak local viCBX and minor irregular QCa str.									
69.70	70.20	QSTRZ	QSTRZ	Quartz Stringer Zone	2@ 10-15cm milky white qstrs @30TCA. Wk frac, Dry	69.70	70.20	44207	0.50	<0.05	0.001			
70.20	93.80	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa str and QCa frags in grey chalc matrix.									
93.80	94.30	5CfBXg	CfBX	Cherty Matrix BX, Graph	Dark grey sil matrix with iG and ipy supporting 20% angular milky white Q frags. 20% muddy py.	93.80	94.30	44208	0.50	0.53	0.015			
94.30	121.40	5Ca		Volcanics	94.3-98.3 5Ca wD iCBX 98.3-101.5 5Ca wD minor w-mD 101.5-102.8 5Ca miD mCBX 102.8-108.7 wD msv med green 108.7-110.1 wBX in miD with minor QCa str 110.1-113.9 wD wmCBX 113.9-114.3 5Ca iD halo to 2cm QCA str @ 75TCA. Muddy py patches 114.3-121.4 5Ca wD Dry msv medium green									
121.40	124.50	5CaBX	BX	Volcanics, BX'd	Weak BX zone, possibly primary									
124.50	181.60	5Ca		Volcanics	wD. Few zones of w pervasive K some with CBX.									

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-35			
Collar Details				Notes:				Started		August 20, 2004					
Longitude		61780.55 E						Finished		August 22, 2004					
Latitude		64822.55 N						Logged By:		L.C.Hunt					
Elevation		1261.68 m ASL						Tests		Depth		Az		Dip	
End of Hole		143.00 m								0.0		105.0		-54.0	
Azimuth		105.0								81.4		100.0		-53.4	
Dip		-54.0								142.4		100.5		-54.7	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	15.20	OB		Overburden	Casing through Overburden										
15.20	34.10	5Ca		Volcanics	wD, m-local iCBX, few barren white quartz veinlets grades to mD last 0.4m of unit 28.7-28.8 wG, 2cm quartz carbonate veinlet sub parallel TCA, iD5Ca halo-0.5m 28.8-29.8 mD, w muddy py in patches, not iD5Ca 29.8-32.4 wD, local wCBX otherwise relatively massive, medium green, fine grained 32.4-34.1 mD, mCBX, local iCBX										
34.10	34.20	QSTR	QSTR	Quartz Stringer	White quartz , few late, clear quartz veinlets , mm scale, few 1-2cm angular iD, iCBX 5Ca frags, iD5Ca halo - 0.2m										
34.20	45.90	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
45.90	45.95	QSTR	QSTR	Quartz Stringer	4cm, contacts @45° TCA, quartz carbonate veinlet, vuggy, discontinuous Mineralization: mgr py disseminated throughout to 0.5%	45.90	45.95	44214	0.05	<0.05	0.001				
45.95	53.40	5Ca		Volcanics	mD, m-local iCBX 51.5-52.0 FLT, broken rubbly core, iFeOX fractures and seepage halos										
53.40	53.45	QSTR	QSTR	Quartz Stringer	contacts @15° TCA, 4.5cm quartz carbonate veinlet, iSe (apple green), vuggy with drusy calcite, FeOX stained patches										
53.45	58.00	5Ca		Volcanics	mD, mCBX										
58.00	58.70	5CaiD		Volcanics, IntDol	patchy muddy py, iFeOX on fractures, few quartz carbonate FeOX veinlets										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
58.70	58.80	5CfBX	CfBX	Cherty Matrix BX	2cm 5CfBx @ 45°TCA with quartz carbonate veinlet, veinlet has numerous grey chalcedonic veinlets throughout, mm scale, fine grained py partially and wholly replaced chalcedony in network texture 5CfBx is medium to dark grey chalcedony hosting iD5Ca angular fragments, mm scale and some quartz carbonate veinlet fragments (rounded)						
58.80	58.90	5CaiD		Volcanics, IntDol	as above						
58.90	60.30	5Ca		Volcanics	mD, wCBX						
60.30	62.20	5CaiD		Volcanics, IntDol	2cm quartz carbonate veinlets runs parallel TCA , local iSe in veinlet						
62.20	62.30	5CfBX	FLT	Cherty Matrix BX	iFeOX, intense fine grained py network texture, 0.5cm drusy calcite with fine grained py "dusting "on crystals						
62.30	63.70	5CaiD		Volcanics, IntDol	as above						
63.70	64.60	5Ca		Volcanics	w-mD, mCBX						
64.60	65.60	5CaiD		Volcanics, IntDol	lower contact is marked by 1cm iCBX slip @30° TCA						
65.60	77.50	5Ca		Volcanics	mD, w-local mCBX						
77.50	80.20	5Ca	FLT	Volcanics	w-mD, iCBX, broken core, iG/quartz carbonate veinlet sub parallel TCA, FeOX on fracs						
80.20	87.20	5Ca		Volcanics	wD. relatively massive, local m-iCBX						
87.20	88.20	5CaiD		Volcanics, IntDol	classic iD5Ca						
88.20	88.30	QSTR	QSTR	Quartz Stringer	(McDame like), mostly white quartz with clear quartz banding @15 ° TCA (parallel to hw of stringer, 1-2mm rounded fragments of iD5Ca along hanging wall	88.20	88.30	44215	0.10	<0.05	0.001
88.30	88.50	5CfBX	CfBX	Cherty Matrix BX	15° TCA, 2cm classic grey chalcedonic bands host mm - cm scale fragments of iD5Ca and white quartz fragments, quartz fragments are rounded, iD5Ca angular 88.4-88.5 quartz flood with veinlets of grey chalcedony throughout, 70% quartz , 30% chalcedony, few iD fragments, mm scale scattered throughout Mineralization: fine grained py disseminated throughout, especially associated with iD frags, total py 0.1%	88.30	88.50	44216	0.20	0.13	0.004
88.50	89.40	5CaiD		Volcanics, IntDol	iCBX, few discontinuous quartz veinlets						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
89.40	100.10	5Ca		Volcanics	wD, mCBX 99.2-100.1 mD, m-iCBX						
100.10	101.50	5CaiD		Volcanics, IntDol	classic iD5Ca						
101.50	101.70	5CaiD	FLT	Volcanics, IntDol	intensely broken core, iFeOX on fracture, vuggy with very intense fine grained network py, local 2-3 cm patches, massive py						
101.70	105.70	5CaiD		Volcanics, IntDol	iD5Ca, w-mCBX, Tr M, less py than classic iD5Ca, white clay filled fractures, mm scale, numerous quartz carbonate veinlets and weak stockworks, no py in quartz						
105.70	109.50	5Ca		Volcanics	mD, w-m clay-pervasive, local Tr M near lower contact of unit, wCBX						
109.50	111.00	5CaiD		Volcanics, IntDol	classic, wM						
111.00	115.50	5Ca		Volcanics	mD, wM, wK pervasive, local iK in fractures, yellow tinge (ankerite?) few white and grey veinlets, mm scale						
115.50	118.60	5CaiD		Volcanics, IntDol	classic, wM, few 2cm quartz carbonate veinlets @ 20° TCA, No sulphides						
118.60	122.50	5Ca		Volcanics	mD, as above						
122.50	124.35	5CaiD		Volcanics, IntDol	classic, w-mM, few white quartz veinlets (not quite a stringer zone)	123.05	123.55	44217	0.50	0.30	0.009
						123.55	124.35	44218	0.80	0.45	0.013
124.35	124.74	5CfBX	CfBX	Cherty Matrix BX	white quartz fragments and iD5Ca frags average 1cm (1mm - 2cm) are hosted in a recrystallized carbonate matrix, This grades into a mostly white quartz matrix hosting iD5Ca fragments Mineralization: 124.35-124.74 f grained py, tr sph in quartz	124.35	124.75	44219	0.40	0.56	0.016
124.74	126.30	5CaiD		Volcanics, IntDol	classic, wM	GS-20	0.00	44220	0.00	15.15	0.442
126.30	134.80	5Ca		Volcanics	mD, w-local iCBX 129.6-134.8 wD, local foliation @50° TCA, local iK in fractures 130.9-131.0 iK gouge						
134.80	135.80	5CaiD		Volcanics, IntDol	few local iG, ipy slips @45° TCA, few barren quartz carbonate patches and veinlets						
135.80	140.00	5Ca		Volcanics	wD, relatively massive 138.3-140.0 mD, mCBX						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-36			
Collar Details				Notes:				Started		August 22, 2004					
Longitude		61572.20 E						Finished		August 24, 2004					
Latitude		64537.21 N						Logged By:		L.C.Hunt					
Elevation		1353.11 m ASL						Tests		Depth		Az		Dip	
End of Hole		144.80 m								0.0		100.0		-47.0	
Azimuth		100.0								28.9		92.0		-48.2	
Dip		-47.0								141.8		91.0		-50.8	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	6.10	OB		Overburden	Casing through Overburden										
6.10	10.30	OB		Overburden	Casing through Overburden, Subcrop, intensely rubbly fractured core, iFeOX										
10.30	18.60	5Ca		Volcanics	mD, local mG (patches), w to local mCBX Note/ Occasional 1-2cm rounded clasts of chert, chert is grey, mCBX with diss py, few carbonate veinlets with FeOX staining, No sulphides, irregular, no preferred direction of orientation, few local iCBX patches <10cm										
18.60	18.80	QSTR	QSTR	Quartz Stringer	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
18.80	22.95	5Ca		Volcanics	mD, relatively massive fine grained, light - medium grey, few barren quartz carbonate veinlets, irregular										
22.95	23.00	QSTR	QSTR	Quartz Stringer	2cm, white quartz carbonate veinlet with iCBX halos especially at hanging wall (3cm) Mineralization/ 22.95-23.0 two medium grains sph	22.95	23.00	44221	0.05	<0.05	0.001				
23.00	24.70	5Ca		Volcanics	mD, massive fine grained tuff, light to medium grey										
24.70	30.00	5Ca		Volcanics	iCBX, mD 27.4-28.0 iCBX, broken core, wFLT 28.8-30.0 iG, m-iCBX										
30.00	30.90	5Ca	FLT	Volcanics	Shear zone consists of few barren white quartz veinlet zones at upper and lower contact of unit avg 0.3m, veinlets @45° TCA with iG shear fabric in 5Ca, 3cm iK gouge @ 30.5m in centre of unit										
30.90	33.10	5Ca		Volcanics	iG, shear fabric, no preferred direction of orientation										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
33.10	36.00	5CaBX	BX	Volcanics, BX'd	iG, mD sheared matrix hosts grey 5Ca fragments, rounded, 1-2cm, matrix/fragments grades from 40/60 to 10/90 near lower contact, few barren quartz carbonate veinlets near lower contact						
36.00	39.30	5CaBX	BX	Volcanics, BX'd	iG, mD matrix hosts mD frags, matrix/fragments is variable, locally rock appears as just iCBX patches. Otherwise there are obvious fragments in matrix						
39.30	40.30	5Ca	FLT	Volcanics	vuggy broken core, iFeOX fractures, few quartz veinlets, no sulphides, pervasive clay and some locally in fractures						
40.30	46.65	5Ca/5Ce		Volcanics/Cherty Tuffs	interbedded iD5Ca and grey 5Ce beds, average 2-3 cm, average preferred direction of orientation @ 50 ° TCA, locally iCBX creates frags of both 5Ca and 5Ce						
46.65	46.75	QVBX	QVBX	Quartz Vein BX	No sulphides, white quartz fragments	46.65	46.75	44222	0.10	<0.05	0.001
46.75	55.00	5Ca/5Ce		Volcanics/Cherty Tuffs	as above						
55.00	58.80	5Ca		Volcanics	discrete upper contact @60 ° TCA, iK - pervasive as 1 - 3mm blebs, 25%, within 20cm of upper contact 5-10cm patches semi-massive fine grained py, Generally light green grading to medium green as clay content decreases, some local iSil beds apparent (not 5Ce)						
58.80	60.05	5Ca	FLT	Volcanics	iK, local gouge, broken core, iFeOX on fracture planes						
60.05	62.80	5Ca		Volcanics	light green "spotty" blebs of white clay (25%), few white barren quartz veinlets , no preferred direction of orientation, 1 - 4cm, w-mCBX						
62.80	63.50	5CaBX	BX	Volcanics, BX'd	light green, iK "spotty", 5Ca fragments are rounded, mm - 2cm scale hosted in iG, mK matrix, fragments/matrix - 50/50						
63.50	68.90	5Ca		Volcanics	mD, iK, "spotty", as above						
68.90	70.00	5CaBX	BX	Volcanics, BX'd	as above						
70.00	76.80	5Ce		Cherty Tuff / Tuffaceous chert	light grey - buff, iCBX, chert grades to light - medium green near lower contact, few barren white quartz veinlets, discrete contact with irregular quartz veinlets						
76.80	77.50	5Ca		Volcanics	light green, pervasive iK						
77.50	78.50	5Ce		Cherty Tuff / Tuffaceous chert	green, iCBX						
78.50	82.00	5Ca		Volcanics	light green to buff, mK- pervasive, w local CBX, weak shear fabric developed @ 40 ° TCA						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
82.00	82.10	5Ca	FLT	Volcanics	iG shear @ 70 ° TCA, iSil fragments of 5Ca, mD						
82.10	83.50	5Ca		Volcanics	moderate talc and clay alteration, pervasive, weak shear fabric						
83.50	90.00	7c		Listwanite	intensely sheared and banded, iSil, black, buff, green, intensely pitted (preferentially weathered), intense blue green clay (talc?) in clots locally to 2mm, shear fabric irregular, mostly black near lower contact, lower contact distinct @30 ° TCA						
90.00	98.80	5Ca		Volcanics	iG, iSil, moderate clear silica veinlets grades to light grey to buff with increasing clay content to moderate @ 91.8 91.8-98.8 mD, mK, wCBX, few barren quartz veinlets						
98.80	100.00	5CaiD		Volcanics, IntDol	buff, mCBX, mpy						
100.00	100.15	QSTR	QSTR	Quartz Stringer	white quartz with Se patches, mm scale graphite/py stylolitic fractures Mineralization: fine grained py in stylolites, med grained py disseminated, total sulphides 0.5%	100.00	100.15	44223	0.15	0.26	0.008
100.15	100.60	5CaiD		Volcanics, IntDol	iCBX, mD 27.4-28.0 iCBX, broken core, wFLT 28.8-30.0 iG, m-iCBX						
100.60	113.10	5Ca		Volcanics	wD, weak pervasive clay alteration						
113.10	114.00	5CaiD		Volcanics, IntDol	ipy, muddy patches, iD5Ca halo grades to wD, weak shear associated with barren quartz carbonate veinlets						
114.00	115.30	5Ca		Volcanics	mD, iK pervasive, mCBX						
115.30	115.40	FLT	FLT	Fault	iK gouge						
115.40	124.60	5Ca		Volcanics	mD, iK pervasive, wCBX 116.5-124.6 mD, mCBX, mSil, few irregular barren quartz carbonate veinlets, few local iCBX zones, avg 10cm						
124.60	124.80	5CaBX	BX	Volcanics, BX'd	iG, iSil matrix hosts mD-iD5Ca fragments with iCBX @ 45 ° TCA, very discrete unit						
124.80	131.15	5Ca		Volcanics	mD, mCBX, mSil, few 1cm 5CfBx veinlets @ 126.0m, few carbonate veinlets < 1cm with pyritic selvages 126.6-127.0 iCBX 128.7-128.9 iCBX 128.9-131.1 mD, m-local iCBX						

Cusac Gold Mines Ltd.				MM/Rory Project				Diamond Drill Hole Log				04MM-37			
Collar Details				Notes:				Started		August 25, 2004					
Longitude		61572.20 E						Finished		August 27, 2004					
Latitude		64537.21 N						Logged By:		L.C.Hunt					
Elevation		1353.11 m ASL						Tests		Depth		Az		Dip	
End of Hole		150.90 m								0.0		125.0		-55.0	
Azimuth		125.0								80.7		123.0		-56.5	
Dip		-55.0								149.4		124.0		-58.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t				
0.00	9.10	OB		Overburden	Casing through Overburden										
9.10	22.10	5Ca		Volcanics	mD, wCBX, local 10cm patches of iCBX 16.0-18.0 few barren 1 cm quartz carbonate veinlets										
22.10	23.60	5Ca		Volcanics	iG, mD, few barren discontinuous quartz carbonate veinlets, 3mm -3cm										
23.60	30.60	5Ca		Volcanics	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.										
30.60	30.80	5Ca	FLT	Volcanics	iK gouge										
30.80	32.00	5Ca		Volcanics	mD, relatively massive, w local CBX										
32.00	33.45	5Ce		Cherty Tuff / Tuffaceous chert	Pale to medium grey, mCBX, few dolomite altered 5Ca veinlets										
33.45	37.65	QSTRZ	QSTRZ	Quartz Stringer Zone	Grey, 5Ce iCBX hosts 15% quartz carbonate veinlets, veinlets are mostly white quartz with mm scale graphite with local clay stylolites Mineralization/	33.45	33.90	44225	0.45	<0.05	0.001				
						36.35	36.85	44226	0.50	<0.05	0.001				
						36.85	37.40	44227	0.55	<0.05	0.001				
						37.40	37.70	44228	0.30	<0.05	0.001				
37.65	38.40	5Ca		Volcanics	mD, iSil, m-iCBX										
38.40	42.10	5Ce		Cherty Tuff / Tuffaceous chert	light grey, iCBX, local tuffaceous zones (distorted beds?)										
42.10	44.00	5Ca		Volcanics	light green to grey, fine grained, iCBX, iSil 42.5 1cm iK gouge 42.543.2 very iCBX 43.2-44.0 mCBX										
44.00	44.80	5CaBX	BX	Volcanics, BX'd	iSil, mD5Ca fragments in iG, iSil matrix										
44.80	52.20	5Ce		Cherty Tuff / Tuffaceous chert	iCBX, local zones of iCBX										
52.20	54.40	5Ca		Volcanics	mD, iSil, m-local iCBX, lower contact brecciated with both 5Ce and 5Ca angular fragments in a carbonate matrix										

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
54.40	54.90	5Ce		Cherty Tuff / Tuffaceous chert	light grey 5Ce, iCBX with quartz carbonate veinlet networking throughout, quartz carbonate veinlets host fragments of 5Ce, mD5Ca, 5Cd, veinlets average 2mm						
54.90	56.60	5Ca		Volcanics	Cherty tuff, mD, iCBX, broken core						
56.60	57.10	5CfBXr	CfBX	Cherty Matrix BX, Rewk'd	Pale buff to white chalcedonic matrix hosts quartz carbonate, 5Ce, 5Ca fragments, mm - 1cm scale, angular, some large 5Ce and 5Ca fragments to 3cm						
57.10	57.20	QSTR	QSTR	Quartz Stringer	few graphitic stylolites, sericite rich patches, no sulphides, numerous cross cutting veinlets of recrystallized 5CfBx, veinlets to 0.5cm						
57.20	57.40	5Ce		Cherty Tuff / Tuffaceous chert	light grey, mCBX, 2cm quartz carbonate veinlet at lower contact						
57.40	60.20	5Ca		Volcanics	mD, wK in fractures 58.0-60.2 mD, spotty white clay (mm scale), fleshy coloured blebs of dolomite 57.4 2cm wht quartz veinlet, intensely vuggy with FeOX in fractures						
60.20	60.30	QSTR	QSTR	Quartz Stringer	5cm, wht quartz, iSe (to 40-50%), no sulphides						
60.30	67.10	5Ca		Volcanics	wD, mottled light green to dark green, wCBX 64.8-65.0 iK gouge 65.0-65.3 shear fabric, iG @ 45 ° TCA, elongated chert clasts, 0.5cm X 2cm 65.3-67.1 very fine grained, light grey to buff, w-local mCBX, lower contact discrete @ 85 ° TCA						
67.10	67.40	5Ca		Volcanics	light grey to green, mCBX, tr py						
67.40	71.70	5Ca		Volcanics	mD, wCBX, iFeOX on fractures						
71.70	73.10	5Ca		Volcanics	black, moderate shear fabric @15 ° TCA, iSil, 10cm quartz stockwork, no sulphides						
73.10	74.60	5CaiD		Volcanics, IntDol	intense muddy py						
74.60	75.40	5Ca		Volcanics	mD, iCBX						
75.40	76.00	5CfBX	CfBX	Cherty Matrix BX	light grey chalcedonic veinlets, 2mm - 1cm, hosts angular, mD fragments and few white quartz fragments, no sulphides in white quartz fragments fine grained py throughout chalcedony						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
76.00	80.60	5Ca		Volcanics	mD, local iCBX, few mm - 0.5cm carbonate veinlets, irregular, few clear quartz veinlets, late, cross cutting, no preferred direction of orientation, 79.0-80.5 w-mD, mK (pervasive), few light blue clay (Talc?) clots, 1-2mm scale						
80.60	80.80	5CaBX	BX	Volcanics, BX'd	iG, iSil matrix hosts mm-cm scale mD fragments, numerous Carbonate-quartz veinlets throughout, irregular, mm-1cm scale						
80.80	81.40	5Ca		Volcanics	mD, w to local iCBX						
81.40	81.50	QSTR	QSTR	Quartz Stringer	contacts @ 45 ° TCA, polyphase quartz, grey and white banded, some carbonate patches, wSe, tr py	81.40	81.50	44229	0.10	<0.05	0.001
81.50	88.00	5Ca		Volcanics	w-mD, w-local iCBX	GS-20	0.00	44230	0.00	20.50	0.598
88.00	88.50	5CfBX	CfBX	Cherty Matrix BX	contacts @15 ° TCA, 3cm wide, pale grey chalcedonic matrix hosts mm scale angular mD quartz fragments, tr py in chalcedonic matrix directly below 5CfBx is a 5cm quartz flood followed by 10cm 5CaBx iG, iSil matrix hosting mD angular fragments followed by 5cm QVBX - polyphase, grey and white qtz hosts angular mD, iCBX 5Ca fragments, tr py, mostly associated with fragments Mineralization: tr py in quartz fragments	88.10	88.60	44233	0.50	0.10	0.003
88.50	96.00	5Ca		Volcanics	mD, iCBX 90.5-96.0 wD, wCBX, local iCBX						
96.00	96.25	QVBX	QVBX	Quartz Vein BX	upper contact @ 90 ° TCA, lower contact @ 45 ° TCA, mostly white quartz hosts angular 5Ca fragments, frags/matrix - 50/50 Mineralization: medium grained py, tr sph	96.00	96.25	44231	0.25	<0.05	0.001
96.25	98.80	5Ca		Volcanics	wD, wCBX 96.4-96.45 2cm quartz veinlet - tr fine grained py	96.25	96.50	44232	0.25	0.24	0.007
98.80	101.60	5CaBX	BX	Volcanics, BX'd	mostly iCBX with local iG, iSil matrix hosting mD, wCBX fragments, tr py in matrix						
101.60	109.10	5Ca		Volcanics	w-mD, mCBX with local iCBX, few white quartz veinlets, irregular 106.0-107.9 mSe blebs, mm scale 107.9-108.0 iG, wFLT 108.0-109.1 5Ca - mD, iCBX						
109.10	109.90	5Ca	FLT	Volcanics	m-local iD5Ca, iCBX patches, iG in veinlets and patches						

Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t
109.90	116.85	5Ca		Volcanics	mD, mCBX 111.8-114.5 wD, w-mCBX 114.5-116.85 w-mD, iCBX, local 5CaBx						
116.85	117.30	QVBX	QVBX	Quartz Vein BX	116.85-116.9 5cm QVBX, grey quartz hosts angular 5Ca fragments, mSe in 5Ca fragments						
117.30	119.40	5Ca		Volcanics	wD, wCBX						
119.40	119.70	5CaBX	BX	Volcanics, BX'd	iG, iSil matrix hosts mD 5Ca fragments, 2cm a veinlet with few 5Ca frags in veinlet						
119.70	120.80	5Ca		Volcanics	wD, wCBX						
120.80	122.65	5CaiD		Volcanics, IntDol	classic, iM bright green patches throughout 10%, ipy						
122.65	122.80	QSTR	QSTR	Quartz Stringer	polyphase quartz, mostly white, few graphitic stylolites, contacts @ 85 ° TCA Mineralization: tr medium grained py, <0.5%	122.65	122.80	44234	0.15	0.72	0.021
122.80	124.30	QSTRZ	QSTRZ	Quartz Stringer Zone	iD5Ca, wM, iCBX 5Ca hosts 15% white quartz veinlets and stringers, average preferred direction of orientation 45 ° to core axis, average 1-4cm	122.80	123.30	44235	0.50	0.94	0.027
						123.30	123.80	44236	0.50	1.99	0.058
124.30	124.80	5CaiD		Volcanics, IntDol	iCBX, mpy						
124.80	125.70	5Ca		Volcanics	wD						
125.70	127.00	5CaiD		Volcanics, IntDol	ipy						
127.00	127.10	QSTR	QSTR	Quartz Stringer	mostly white quartz, few partially digested 5Ca fragments, vuggy with drusy quartz, 3mm						
127.10	128.60	5CaiD		Volcanics, IntDol	iD5Ca, iM						
128.60	130.00	5Ca		Volcanics	wD, relatively massive						
130.00	130.10	QSTR	QSTR	Quartz Stringer	weak graphitic stylolites, tr py	130.00	130.10	44242	0.10	<0.05	0.001
130.10	135.60	5Ca		Volcanics	wD, relatively massive 133.9-135.6 mD, mK-pervasive						
135.60	135.70	QSTR	QSTR	Quartz Stringer	white quartz with few 5Ca angular fragments, pale green, iD5Ca, iM halo of 10cm, no sulphides	135.60	135.70	44237	0.10	<0.05	0.001
135.70	139.10	5Ca		Volcanics	wM, w - locally iCBX						
139.10	142.30	5CfBX	FLT	Cherty Matrix BX	chaotic fracturing with local massive py infilling, local 5CfBx - light grey chalcedonic matrix hosts 5Ca fragments, local quartz stockwork with 5CfBx veinlets, local drusy py in fractures, drusy calcite to 1cm	140.20	140.80	44238	0.60	<0.05	0.001
						140.80	141.60	44239	0.80	<0.05	0.001
						GS-5A	0.00	44240	0.00	5.09	0.148
						141.60	142.00	44241	0.40	<0.05	0.001

Cusac Gold Mines Ltd.			Hot Vein Extension Project				Diamond Drill Hole L 04HOT-01					
Collar Details			Notes:				Started		September 9, 2004			
Longitude	61554.50	E					Finished		September 13, 2004			
Latitude	61747.70	N					Logged By		M.J.Glover			
Elevation	1427.50	m ASL					Tests		Depth	Az	Dip	
End of Hole	227.40	m						0.0	166.0	-63.0		
Azimuth	166.0							75.6	162.0	-66.0		
Dip	-63.0							149.0	178.0	-68.0		
								221.0	221.0	-72.0		
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	7.70	OB		Overburden	Casing through Overburden							
7.70	14.30	OB		Overburden	Very blocky argillaceous rubble. Very poor recovery.							
14.30	135.60	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility @ 45 TCA. Weak FLTs and rubbly core @ 20.2-20.5 and 31-31.2 14.3- 48.8 Relatively good RQ 35.5-36.3 iG gouge 48.8-57.9 Very blocky with poor recovery. 57.9-77 Mod RQ 77-106 Very good RQ. 106-107 wFLT with iG gouge 107-116 Good RQ 116.-116.2 iG gouge 116.2-135.6 Good RQ							
135.60	136.10	QV	QV	Quartz Vein	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.							
136.10	140.10	5Dd		Graphitic Argillite	136.1-136.4 Competent. mShr lam 136.4-137 Very blocky with some iG gouge. 137-140.1 competent mK at contact @ 70TCA							
140.10	150.10	7b		Listwanite	Talc Chlorite Schist. Homogenous dark green with Talc laminae to 1-2mm							
150.10	165.10	5Ca		Volcanics	Distinct discrete contact with wD wK 5Ca. Wk fabric@ 60-70TCA							

Cusac Gold Mines Ltd.				Hot Vein Extension Project			Diamond Drill Hole Log				04HOT-03	
Collar Details				Notes:			Started		September 18, 2004			
Longitude	61523.00	E					Finished		September 21, 2004			
Latitude	61848.00	N					Logged By:		M.J.Glover			
Elevation	1435.00	m ASL					Tests		Depth	Az	Dip	
End of Hole	257.90	m							0.0	166.0	-50.0	
Azimuth	166.0								82.7	164.0	-52.0	
Dip	-50.0								204.0	165.0	-54.0	
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	7.00	OB		Overburden	Casing through Overburden							
7.00	24.70	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Few milky QCa strs locally. FLT's as noted. Generally blocky core							
24.70	24.80	FLT	FLT	Fault	iG gouge and rubbly core.							
24.80	32.20	5Dd		Graphitic Argillite	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.							
32.20	32.50	FLT	FLT	Fault	iG gouge and rubbly core.							
32.50	61.30	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility.							
61.30	61.70	FLT	FLT	Fault	iG gouge and rubbly core.							
61.70	68.90	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility.							
68.90	70.00	FLT	FLT	Fault	iG gouge and rubbly core. Minor Ca strs.							
70.00	118.30	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Very good RQ. Competent. Tectonic pebbly texture with cm scale stretched siltstone pebbles in iG matrix.							
118.30	118.40	FLT	FLT	Fault	iG gouge and rubbly core. @ 60TCA							
118.40	133.00	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. slight decrease in RQ							
133.00	133.20	FLT	FLT	Fault	iG gouge and rubbly core.							
133.20	172.50	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Good RQ. Intercalated "pebbly" siltstone/siltstone and iG mudstone. Angles decrease downhole to +/- TCA at contact.							

Cusac Gold Mines Ltd.			Hot Vein Extension Project				Diamond Drill Hole Log			04HOT-04		
Collar Details					Notes:		Started		September 21, 2004			
Longitude		61523.00	E				Finished		September 25, 2004			
Latitude		61848.00	N				Logged By:		M.J.Glover			
Elevation		1435.00	m ASL				Tests		Depth	Az	Dip	
End of Hole		251.50	m					0.0	177.0	-45.0		
Azimuth		177.0						74.7	174.0	-45.5		
Dip		-45.0						142.9	178.0	-47.0		
								216.7	180.0	-47.5		
Depth From	To	Lith. Code	Struc	Lithology	Description	From	To	Sample	Width	AU g/tonne	AU oz/t	
0.00	9.10	OB		Overburden	Casing through Overburden							
9.10	32.30	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Fol'n/Bedding @ 40TCA. Very blocky core to 39.9							
32.30	32.50	FLT	FLT	Fault	iG gouge and blocky core							
32.50	35.70	5Dd		Graphitic Argillite	@ 60-80TCA. Q and iD fragments and minor QCa strs and QCa frags in grey chalc matrix.							
35.70	37.40	FLT	FLT	Fault	iG gouge and blocky core							
37.40	39.60	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility.							
39.60	39.90	FLT	FLT	Fault	iG gouge and blocky core							
39.90	50.60	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Mod RQ							
50.60	53.40	FLT	FLT	Fault	iG gouge and blocky core							
53.40	75.80	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Good RQ							
75.80	75.90	FLT	FLT	Fault	iG gouge and blocky core							
75.90	124.50	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility. Good RQ to 102 then slightly blocky. Fol'n @ 45+/-TCA							
124.50	124.70	FLT	FLT	Fault	iG gouge and blocky core							
124.70	136.50	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility.							
136.50	136.70	FLT	FLT	Fault	iG gouge and blocky core							
136.70	173.50	5Dd		Graphitic Argillite	Intercalated Graphitic siltstones and mudstones. Well defined clvg plane fissility.							
173.50	174.20	FLT	FLT	Fault	iG gouge and blocky core, mFLT.							

Key to Lithological Codes and Abbreviations

QVLT	Quartz Veinlet	w	weak
QVBX	Quartz Vein BX	m	moderate
QVb	Quartz Vein Bull	l	intense
QV	Quartz Vein		
QSTWK	Quartz Stockwork	BX	Breccia
QSTRZ	Quartz Stringer Zone	BX'n	Brecciation
QSTR	Quartz Stringer	Ca	Carbonate/Calcite
QCV	Quartz Carbonate Vein	CBX	Crackle Breccia
OB	Overburden	cgr	Coarse Grained
FLT	Fault	cpy	Chalcopyrite
7c	Listwanite	D	Dolomite/dolomitization
7b	Listwanite	FeOX	Iron Oxides
5Dd	Graphitic Argillite	fgr	Fine grained
5CfBXr	Cherty Matrix BX, Rewk'd	G	Graphite
5CfBXg	Cherty Matrix BX, Graph	K	Clay
5CfBXb	Cherty Matrix BX, Black	LC	Lower contact
5CfBX	Cherty Matrix BX	M	Mariposite
5CeBX	Brecciated Cherty Tuffs	mgr	Medium Grained
5Ce	Cherty Tuff / Tuffaceous chert	py	Pyrite
5Cd	Argillaceous Chert	Q/Qtz	Quartz
5CaiD	Volcanics, IntDol	Se	Sericite
5CaBXg	Volcanics, Int Graph BX'n	Sil	Silica
5CaBX	Volcanics, BX'd	sph	Sphalerite
5Ca/5Ce	Volcanics/Cherty Tuffs	TCA	to core axis (angles)
5Ca	Volcanics	tet	Tetrahedrite
10a	Mafic Dyke	UC	Upper contact
		VG	Visible Gold

Appendix E : Diamond Drill Hole Logs

Appendix F : Assay Certificates



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 28-MAY-2004

Account: CUSGOL

CERTIFICATE VA04028478

Project: Table Mountain

P.O. No.:

This report is for 19 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-MAY-2004.

The following have access to data associated with this certificate:

M. GLOVER

LESLEY HUNT

ACCOUNTS PAYABLE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 28-MAY-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04028478

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	oz/ton	oz/ton
		0.02	0.001	0.1
45501		0.94	<0.001	<0.1
45502		0.30	<0.001	<0.1
45503		1.08	0.012	<0.1
45505		1.52	0.022	<0.1
45506		0.50	0.005	<0.1
45507		1.78	0.011	0.1
45508		1.66	0.002	<0.1
45509		0.06	0.098	<0.1
45510		1.98	0.008	<0.1
45520		1.30	0.005	<0.1
45521		0.68	<0.001	<0.1
45522		1.16	0.005	<0.1
45523		1.06	0.002	<0.1
45524		1.38	<0.001	<0.1
45525		1.38	<0.001	<0.1
45526		0.88	<0.001	<0.1
45527		1.40	<0.001	<0.1
45528		0.06	0.046	<0.1
45529		1.80	<0.001	<0.1



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Date: 29-MAY-2004
Account: CUSGOL

CERTIFICATE VA04028479

Project: Table Mountain

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-MAY-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER
ACCOUNTS PAYABLE

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 2 (A)
Date: 29-MAY-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04028479

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
45504		1.12	0.11	<0.05	0.11	<0.001	11.45	1075.5	0.10	0.12
45511		2.02	0.33	<0.05	0.33	<0.001	3.75	1470.0	0.23	0.43
45512		2.06	0.60	1.55	0.58	0.059	37.97	1491.0	0.58	0.58
45513		0.90	10.60	85.7	9.67	0.902	10.53	854.4	8.68	10.65
45514		1.12	35.9	2050	26.2	10.674	5.21	1086.0	23.7	28.7
45515		1.30	1.53	20.9	1.13	0.543	25.98	1260.0	0.96	1.30
45516		1.24	0.37	10.80	0.29	0.111	10.28	1206.0	0.34	0.23
45517		0.92	<0.05	<0.05	<0.05	<0.001	10.10	896.1	0.02	0.01
45518		1.00	<0.05	4.09	<0.05	0.026	6.35	973.3	<0.01	0.03
45519		1.12	0.14	0.29	0.14	0.005	17.48	1083.0	0.09	0.19
45530		0.38	0.29	1.17	0.26	0.016	13.70	321.4	0.25	0.26
45531		1.20	0.95	0.66	0.96	0.014	21.26	1144.5	1.02	0.90



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 4-JUN-2004
 Account: CUSGOL

CERTIFICATE VA04031477

Project: Table Mountain
 P.O. No.:
 This report is for 31 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-MAY-2004.
 The following have access to data associated with this certificate:

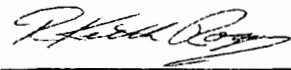
GUILFORD BRETT LESLEY HUNT	M. GLOVER	LEA HOMRIG
-------------------------------	-----------	------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 2 (A)
Date: 4-JUN-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04031477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-GRA21 Au ppm 0.05	ME-GRA21 Ag ppm 5	
	45541		0.80	<0.05	<5
	45542		0.50	0.16	<5
45548		1.18	0.20	<5	
45549		0.40	0.23	<5	
45550		0.80	0.13	<5	
45551		1.02	0.07	<5	
45552		0.62	0.42	<5	
45553		1.06	108.5	65	
45554		2.04	0.24	<5	
45602		0.06	3.42	<5	
45555		1.36	2.89	<5	
45556		0.92	0.36	<5	
45557		1.14	0.26	<5	
45558		0.48	6.51	<5	
45574		0.48	0.09	5	
45575		0.48	0.96	29	
45576		0.36	0.92	<5	
45577		0.94	0.69	<5	
45587		0.90	0.20	<5	
45603		0.06	10.05	11	
45588		0.60	0.13	<5	
45589		2.18	3.85	<5	
45590		0.46	0.32	<5	
45591		1.58	0.77	6	
45592		0.76	0.56	<5	
45593		0.40	0.32	<5	
45594		1.00	<0.05	<5	
45595		1.24	<0.05	<5	
45596		0.98	<0.05	<5	
45604		0.06	4.65	<5	
45597		1.78	<0.05	<5	



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 4-JUN-2004
 Account: CUSGOL

CERTIFICATE VA04031476

Project: Table Mountain

P.O. No.:

This report is for 41 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-MAY-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
 LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 4-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04031476

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt. kg 0.02	Au Total ppm 0.05	Au (+) F ppm 0.05	Au (-) F ppm 0.05	Au (+) m mg 0.001	WT. + Fr g 0.01	WT. - Fr g 0.1	Au ppm 0.01	Au ppm 0.01
45532		0.82	0.68	<0.05	0.68	<0.001	4.03	771.7	0.65	0.71
45533		0.48	<0.05	<0.05	0.05	<0.001	3.38	428.9	0.06	0.03
45534		0.24	4.80	537	3.28	0.338	0.63	220.6	2.73	3.83
45535		1.80	0.78	<0.05	0.79	<0.001	0.81	1033.5	0.78	0.79
45536		0.54	2.34	30.8	2.30	0.020	0.65	491.3	2.14	2.46
45537		0.48	0.07	<0.05	0.07	<0.001	1.49	441.3	0.06	0.08
45538		0.80	0.14	<0.05	0.14	<0.001	7.73	761.6	0.14	0.14
45539		0.58	43.9	7170	26.5	9.254	1.29	530.0	26.6	26.4
45540		1.26	0.22	0.16	0.23	0.002	12.54	990.2	0.21	0.24
45543		0.24	0.35	<0.05	0.36	<0.001	0.96	209.6	0.34	0.37
45599		0.06								4.88
45544		0.46	<0.05	0.52	<0.05	0.006	11.49	418.1	0.01	0.03
45545		0.54	0.09	<0.05	0.09	<0.001	1.15	507.6	0.10	0.08
45546		0.88	0.84	0.36	0.85	0.006	16.89	815.2	0.84	0.86
45547		1.66	1.12	<0.05	1.13	<0.001	4.51	984.9	1.11	1.14
45559		1.22	0.05	<0.05	0.05	<0.001	10.43	1005.0	0.05	0.05
45560		1.16	<0.05	<0.05	<0.05	<0.001	11.18	993.5	0.01	<0.01
45561		1.62	0.79	1.30	0.79	0.012	9.21	989.8	0.76	0.81
45562		0.64	0.08	<0.05	0.09	<0.001	1.67	601.3	0.09	0.08
45563		0.30	<0.05	<0.05	<0.05	<0.001	0.73	257.8	0.02	0.02
45564		0.56	0.59	<0.05	0.60	<0.001	0.63	525.6	0.55	0.64
45600		0.06								9.90
45565		1.34	1.98	1.62	1.98	0.009	5.54	995.6	2.04	1.92
45566		0.80	0.11	<0.05	0.11	<0.001	21.43	747.6	0.12	0.10
45567		1.68	<0.05	<0.05	<0.05	<0.001	9.64	991.0	0.04	0.04
45568		1.12	0.45	0.29	0.46	0.003	10.33	982.2	0.40	0.51
45569		1.48	0.89	0.45	0.90	0.006	13.24	994.9	0.93	0.87
45570		1.64	2.45	1.40	2.48	0.039	27.81	1025.5	2.41	2.54
45571		1.40	1.13	0.56	1.14	0.008	14.29	982.8	1.13	1.14
45572		0.80	0.60	0.27	0.61	0.003	11.06	761.7	0.62	0.59
45573		0.44	1.08	28.3	0.99	0.036	1.27	398.6	0.99	0.99
45578		1.26	0.08	<0.05	0.09	<0.001	11.41	979.2	0.09	0.08
45601		0.06								1.92
45579		1.38	0.10	<0.05	0.10	<0.001	10.36	982.3	0.12	0.08
45580		1.16	<0.05	<0.05	<0.05	<0.001	9.88	976.8	<0.01	0.01
45581		1.12	<0.05	<0.05	<0.05	<0.001	8.89	975.0	0.02	0.03
45582		1.24	0.09	<0.05	0.10	<0.001	14.84	981.9	0.10	0.09
45583		1.54	0.05	0.58	0.05	0.010	17.18	999.0	0.04	0.05
45584		1.26	0.07	<0.05	0.08	<0.001	5.32	992.2	0.06	0.09
45585		0.32	0.82	20.4	0.76	0.019	0.93	293.0	0.75	0.76



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 4-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04031476

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg	ppm	ppm	ppm	mg	g	g	ppm	ppm
45586		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
		0.74	0.22	<0.05	0.22	<0.001	6.17	699.5	0.22	0.22



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Date: 18-JUN-2004
Account: CUSGOL

CERTIFICATE VA04036263

Project: Table Mountain

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 18-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04036263

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg	Au ppm	Ag ppm
		0.02	0.05	5
45742		0.84	<0.05	<5
45743		0.78	5.77	<5
45744		1.86	<0.05	<5
45745		0.74	1.23	<5
45746		0.56	<0.05	<5
45747		1.50	1.01	<5
45748		1.40	0.97	<5
43545		0.48	0.96	<5
43546		0.82	0.16	<5
43547		0.80	0.06	<5
43548		2.18	0.16	<5
43549		1.04	0.13	<5
43550		0.08	3.43	<5
43559		1.66	<0.05	<5
43560		0.08	5.29	5
43561		0.70	<0.05	<5
43569		0.62	0.19	<5
43570		0.08	10.10	9
43571		0.86	0.13	<5
43572		1.50	0.30	<5
43573		1.36	0.33	<5
43574		1.42	0.10	<5
43575		0.82	0.26	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 18-JUN-2004

Account: CUSGOL

CERTIFICATE VA04034426

Project: Table Mountain

P.O. No.:

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 18-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04034426

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
		0.02	0.05	5
45598		1.54	<0.05	<5
45617		1.08	<0.05	<5
45618		1.40	<0.05	<5
45619		1.30	<0.05	<5
45620		1.26	0.07	<5
45620B		0.08	5.10	<5
45634		0.40	<0.05	<5
45635		1.72	2.49	<5
45636		1.94	0.93	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 22-JUN-2004

This copy reported on: 25-JUN-2004

Account: CUSGOL

CERTIFICATE VA04036262

Project: Table Mountain

P.O. No.:

This report is for 70 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: M. GLOVER
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: _____



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 2 - A
 Total # Pages: 3 (A)
 Date: 22-JUN-2004
 This copy reported on: 25-JUN-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04036262

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt. kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
45733		0.64	0.26	<0.05	0.26	<0.001	9.34	597.4	0.26	0.26
45734		1.02	<0.05	<0.05	<0.05	<0.001	19.23	970.3	0.04	0.04
45735		0.90	1.98	1.36	2.00	0.038	27.97	843.5	1.94	2.06
45736		1.08	0.57	<0.05	0.58	<0.001	4.10	1046.5	0.59	0.56
45737		1.04	0.65	18.55	0.34	0.324	17.46	983.3	0.35	0.32
45738		1.76	0.05	<0.05	0.05	<0.001	15.61	1022.5	0.04	0.06
45739		0.84	0.57	<0.05	0.58	<0.001	4.62	824.2	0.58	0.57
45740		0.08								1.69
45741		1.36	0.56	0.25	0.57	0.007	28.10	952.3	0.56	0.57
45749		1.38	0.96	0.72	0.97	0.015	20.87	954.6	0.96	0.97
45750		0.08								3.25
43501		1.08	0.95	0.85	0.96	0.025	29.34	1027.5	0.79	1.12
43502		1.24	0.93	0.64	0.93	0.003	4.69	1048.5	0.96	0.90
43503		1.14	0.78	0.38	0.79	0.009	23.48	942.2	0.93	0.65
43504		1.32	1.18	1.48	1.18	0.010	6.77	980.4	0.96	1.39
43505		0.34	0.22	0.14	0.22	0.002	14.77	305.6	0.19	0.25
43506		1.42	0.53	0.52	0.53	0.008	15.45	1004.5	0.51	0.55
43507		0.18	9.97	8.84	9.99	0.022	2.49	148.1	9.83	10.15
43508		1.60	2.37	24.3	1.71	0.717	29.46	976.0	1.60	1.82
43509		1.20	0.69	0.55	0.69	0.016	28.84	948.0	0.69	0.69
43510		0.08								5.23
43511		1.40	0.75	0.59	0.76	0.016	27.29	959.3	0.74	0.77
43512		1.46	0.75	2.84	0.71	0.068	23.95	1040.0	0.72	0.69
43513		1.10	0.51	0.41	0.51	0.010	24.25	1033.0	0.53	0.49
43514		1.16	1.71	1.07	1.72	0.026	24.29	1091.5	1.74	1.70
43515		1.12	198.5	7420	70.4	141.650	19.09	1075.0	76.8	64.0
43516		1.12	97.0	2590	39.8	63.166	24.40	1062.5	37.7	41.9
43517		1.12	87.9	2680	41.4	51.356	19.19	1066.0	41.3	41.4
43518		1.20	7.17	212	5.11	2.125	10.03	993.6	4.89	5.32
43519		0.98	8.01	636	5.10	2.805	4.41	951.3	5.44	4.76
43520		0.08								10.45
43521		0.58	3.23	11.70	3.15	0.069	5.90	557.3	3.11	3.18
43522		1.28	16.25	1090	7.15	9.106	8.36	986.6	6.74	7.55
43523		1.16	0.62	0.38	0.63	0.008	20.79	955.8	0.69	0.57
43524		1.12	6.94	117.5	5.13	2.056	17.51	1066.5	5.06	5.19
43525		0.96	0.35	<0.05	0.35	<0.001	7.49	923.8	0.36	0.34
43526		0.52	0.32	0.15	0.33	0.002	13.07	491.4	0.33	0.32
43527		1.28	0.89	0.69	0.90	0.018	26.23	946.2	0.89	0.90
43528		1.06	0.56	0.39	0.56	0.009	22.89	1005.0	0.56	0.56
43529		1.40	0.41	0.29	0.41	0.006	20.62	966.5	0.40	0.42



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 22-JUN-2004

This copy reported on: 25-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS	VA04036262
-------------------------	------------

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg	ppm	ppm	ppm	mg	g	g	ppm	ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
43530		0.08								3.28
43531		0.70	0.49	3.38	0.45	0.029	8.57	668.8	0.43	0.47
43532		1.14	0.58	0.49	0.58	0.013	26.66	1064.5	0.58	0.58
43533		1.34	0.61	0.42	0.62	0.012	28.87	964.1	0.61	0.62
43534		1.24	1.09	0.85	1.10	0.018	21.22	939.9	1.12	1.08
43535		1.06	1.25	0.82	1.26	0.027	32.95	985.8	1.26	1.26
43536		1.42	1.06	1.60	1.05	0.039	24.31	974.9	1.11	0.99
43537		1.50	4.27	28.0	3.39	1.001	35.81	957.9	3.53	3.24
43538		1.48	2.69	18.45	2.23	0.564	30.53	1038.5	2.12	2.34
43539		1.72	3.54	2.71	3.58	0.111	40.94	978.5	3.64	3.51
43540		0.08								1.80
43541		1.38	1.06	1.20	1.06	0.030	24.98	967.1	1.08	1.03
43542		1.08	0.50	1.29	0.48	0.042	32.62	1023.0	0.52	0.43
43543		1.16	1.43	2.55	1.40	0.083	32.55	1098.5	1.40	1.40
43544		1.92	9.80	193.5	5.42	4.554	23.54	988.2	5.16	5.68
43551		1.08	0.71	1.25	0.69	0.064	51.10	990.6	0.66	0.71
43552		2.12	0.95	0.90	0.96	0.026	28.96	995.7	0.97	0.94
43553		1.18	0.72	0.61	0.73	0.021	34.64	1110.5	0.72	0.73
43554		2.12	0.37	0.34	0.38	0.015	44.70	1002.5	0.32	0.43
43555		1.34	0.32	0.36	0.32	0.014	39.33	909.1	0.27	0.36
43556		1.42	2.56	2.93	2.54	0.120	40.91	972.1	2.61	2.47
43557		1.32	0.26	0.16	0.26	0.006	37.92	920.0	0.27	0.25
43558		1.44	0.15	0.20	0.15	0.009	45.32	982.4	0.15	0.15
43562		1.28	0.43	0.57	0.43	0.018	31.82	910.8	0.41	0.45
43563		1.20	0.19	0.72	0.17	0.027	37.38	933.3	0.14	0.20
43564		1.38	0.25	4.69	0.12	0.148	31.53	1014.0	0.14	0.09
43565		1.02	0.34	2.48	0.26	0.083	33.46	956.7	0.22	0.30
43566		2.02	0.89	0.58	0.90	0.026	44.84	1060.5	0.81	0.99
43567		1.74	1.17	1.22	1.17	0.050	40.90	962.5	1.24	1.09
43568		1.32	1.14	0.85	1.15	0.038	44.54	910.8	1.15	1.15



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 24-JUN-2004
 Account: CUSGOL

CERTIFICATE VA04034425

Project: Table Mountain

P.O. No.:

This report is for 42 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
 LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
 ATTN: M. GLOVER
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 24-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04034425

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
45605		0.40	3.97	136.0	3.58	0.144	1.06	349.8	3.83	3.32
45606		1.02	0.25	10.15	0.08	0.167	16.49	953.3	0.07	0.08
45607		1.10	0.36	5.11	0.27	0.102	19.96	1026.5	0.32	0.22
45608		1.04	0.83	20.6	0.42	0.409	19.87	963.9	0.44	0.40
45609		1.20	0.06	<0.05	0.06	<0.001	23.23	1119.0	0.05	0.07
45610		0.86	0.05	<0.05	0.06	<0.001	18.07	791.9	0.06	0.05
45610B		0.08								8.47
45611		1.20	<0.05	<0.05	<0.05	<0.001	23.87	1113.5	0.01	0.01
45612		1.18	<0.05	<0.05	<0.05	<0.001	20.17	1078.5	0.03	0.01
45613		1.00	<0.05	<0.05	<0.05	<0.001	11.11	929.4	<0.01	<0.01
45614		1.06	<0.05	<0.05	<0.05	<0.001	19.02	999.0	0.03	0.01
45615		0.46	<0.05	<0.05	<0.05	<0.001	4.43	412.5	0.01	0.01
45616		0.98	<0.05	<0.05	<0.05	<0.001	21.72	916.3	0.02	0.01
45621		1.22	0.14	0.12	0.15	0.003	24.51	1128.5	0.13	0.16
45622		1.12	0.21	0.93	0.19	0.023	24.85	1024.0	0.19	0.19
45623		1.22	0.08	<0.05	0.08	<0.001	21.66	1092.5	0.08	0.08
45624		1.44	<0.05	<0.05	<0.05	<0.001	16.89	1009.5	0.04	0.03
45625		1.24	<0.05	<0.05	0.05	<0.001	12.61	1005.5	0.05	0.04
45626		1.28	0.06	<0.05	0.06	<0.001	19.40	1007.5	0.06	0.06
45627		1.28	<0.05	<0.05	<0.05	<0.001	18.94	1045.0	0.01	<0.01
45628		1.22	<0.05	<0.05	<0.05	<0.001	25.21	1134.5	<0.01	<0.01
45629		1.18	<0.05	<0.05	<0.05	<0.001	21.74	1091.5	<0.01	<0.01
45630		1.50	<0.05	<0.05	<0.05	<0.001	20.55	1045.0	0.01	<0.01
45630B		0.08								3.48
45631		1.28	<0.05	<0.05	<0.05	<0.001	11.11	1008.5	0.03	0.03
45632		1.12	0.05	<0.05	0.06	<0.001	25.86	1010.5	0.06	0.05
45633		0.56	<0.05	<0.05	<0.05	<0.001	7.85	490.2	0.03	<0.01
45637		1.00	0.48	0.15	0.48	0.002	13.62	920.9	0.49	0.47
45638		0.86	0.61	<0.05	0.62	<0.001	3.69	809.5	0.68	0.55
45639		0.92	1.04	1.15	1.04	0.016	13.87	854.5	1.04	1.04
45640		0.08								9.83
45641		1.14	0.42	0.39	0.42	0.005	12.92	1068.0	0.42	0.42
45642		1.10	0.31	0.28	0.31	0.005	18.13	1017.5	0.38	0.24
45643		0.82	0.48	<0.05	0.49	<0.001	6.19	770.9	0.49	0.48
45644		1.46	0.30	0.33	0.30	0.007	21.36	1051.5	0.29	0.30
45645		1.88	0.61	0.73	0.61	0.010	13.65	1054.5	0.62	0.60
45646		1.68	0.25	0.35	0.25	0.010	28.54	1097.0	0.24	0.26
45647		1.46	1.57	1.68	1.57	0.021	12.50	966.0	1.58	1.56
45648		1.38	2.72	8.68	2.62	0.149	17.17	983.7	2.58	2.65
45649		1.54	0.54	0.72	0.54	0.009	12.58	1007.0	0.50	0.57



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 24-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04034425

Sample Description	Method	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
	Analyte	Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au	
	Units LOR	kg	ppm	ppm	ppm	mg	g	g	ppm	ppm	
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01	
45650		0.08								3.66	
45651		1.58	0.52	0.51	0.52	0.012	23.50	1050.5	0.51	0.53	



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 24-JUN-2004
 Account: CUSGOL

CERTIFICATE VA04033808

Project: Table Mountain
 P.O. No.:
 This report is for 10 Other samples submitted to our lab in Vancouver, BC, Canada on 4-JUN-2004.
 The following have access to data associated with this certificate:
 GUILFORD BRETT M. GLOVER LEA HOMRIG
 LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
BAG-01	Bulk Master for Storage
PUL-32	Pulverize 1000g to 85% < 75 um
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: CUSAC GOLD MINES LTD.
 ATTN: M. GLOVER
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 24-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04033808

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
45552		0.54	0.59	0.54	0.006	10.16	289.1	0.56	0.52
45553		96.1	339	87.9	8.720	25.69	756.2	85.8	89.9
45554		0.36	0.31	0.36	0.010	32.05	1081.0	0.34	0.38
45555		4.19	6.30	4.14	0.184	29.22	1051.0	4.20	4.07
45556		0.30	0.29	0.31	0.005	17.00	672.5	0.33	0.28
45557		0.24	0.22	0.25	0.008	35.69	801.1	0.25	0.24
45558		8.50	21.2	7.26	0.436	20.54	210.6	7.39	7.12
45587		0.26	0.25	0.27	0.006	24.25	617.2	0.24	0.29
45588		0.19	0.20	0.19	0.004	19.78	307.8	0.12	0.25
45589		4.84	8.55	4.74	0.279	32.62	1101.0	5.11	4.36



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 25-JUN-2004
 Account: CUSGOL

CERTIFICATE VA04036199

Project: Table Mountain
 P.O. No.:
 This report is for 22 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-JUN-2004.
 The following have access to data associated with this certificate:
 GUILFORD BRETT M. GLOVER LEA HOMRIG
 LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: M. GLOVER
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 25-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04036199

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg 0.02	Au ppm 0.05	Ag ppm 5
45705		0.94	0.53	<5
45706		1.22	<0.05	<5
45707		1.22	0.42	<5
45708		0.84	0.28	<5
45709		1.06	0.36	<5
45710		0.10	3.23	<5
45711		0.90	0.62	<5
45712		1.18	<0.05	<5
45714		1.30	<0.05	<5
45715		1.18	<0.05	<5
45716		0.34	<0.05	<5
45722		0.64	0.13	<5
45723		0.60	0.23	<5
45724		1.20	0.17	<5
45725		0.66	0.17	<5
45726		1.26	<0.05	<5
45727		0.34	<0.05	<5
45728		1.64	0.06	<5
45729		0.66	0.17	<5
45730		0.08	5.20	9
45731		1.04	0.07	<5
45732		0.44	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 25-JUN-2004

Account: CUSGOL

CERTIFICATE VA04038772

Project: Table Mountain

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 22-JUN-2004.

The following have access to data associated with this certificate:

M. GLOVER

LEA HOMRIG

LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 25-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04038772

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg	ppm	ppm	ppm	mg	g	g	ppm	ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
43603		1.06	0.08	0.06	0.08	0.002	33.20	973.6	0.08	0.08
43604		0.98	0.07	<0.05	0.08	0.001	43.77	890.1	0.10	0.05
43605		0.96	9.58	107.0	5.10	4.351	40.59	882.6	5.28	4.91
43606		1.16	<0.05	<0.05	<0.05	<0.001	50.48	1047.0	0.03	0.03
43607		1.12	<0.05	<0.05	<0.05	<0.001	43.82	1026.5	<0.01	<0.01
43608		1.08	<0.05	0.25	<0.05	0.013	52.44	974.0	0.01	<0.01
43609		0.80	0.05	<0.05	0.05	<0.001	17.50	749.1	0.05	0.05
43610		0.08							10.20	
43611		0.78	0.22	0.66	0.21	0.013	19.65	719.4	0.21	0.20
43612		1.22	0.16	0.17	0.16	0.006	34.67	949.4	0.17	0.15
43628		1.68	0.58	0.69	0.58	0.028	40.76	1024.5	0.58	0.57
43629		2.08	0.65	1.33	0.62	0.051	38.31	928.1	0.64	0.60
43630		0.08							3.31	
43631		1.30	0.59	1.14	0.58	0.038	33.33	926.9	0.60	0.55
43632		1.42	22.1	393	7.78	14.608	37.20	960.0	8.64	6.91
43633		1.32	15.55	197.0	6.90	8.978	45.63	957.5	6.62	7.18
43634		2.14	0.52	0.85	0.51	0.032	37.86	948.8	0.54	0.47
43635		1.10	0.26	0.35	0.26	0.011	31.76	1017.5	0.26	0.26
43636		1.10	0.51	2.49	0.45	0.079	31.75	1012.5	0.39	0.50
43637		0.98	0.41	2.18	0.32	0.047	21.60	380.4	0.32	0.31



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 28-JUN-2004

Account: CUSGOL

CERTIFICATE VA04035572

Project: Table Mountain

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: M. GLOVER
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 28-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04035572

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
45652		1.96	0.61	0.50	0.61	0.005	10.07	1077.0	0.62	0.60
45653		0.48	0.07	<0.05	0.07	<0.001	7.83	445.5	0.07	0.07
45654		1.10	0.08	5.56	0.06	0.030	5.40	1058.5	0.06	0.05
45655		2.30	0.17	<0.05	0.17	<0.001	11.94	1086.5	0.17	0.17
45656		1.12	<0.05	<0.05	<0.05	<0.001	6.71	1091.0	0.04	0.01
45657		0.68	0.12	<0.05	0.12	<0.001	0.98	663.5	0.12	0.12
45658		1.30	<0.05	<0.05	<0.05	<0.001	6.06	1082.0	0.03	0.03
45659		1.16	0.26	1.96	0.24	0.027	13.78	1138.0	0.22	0.26
45660		0.08								9.97
45661		0.26	0.10	<0.05	0.11	<0.001	0.47	240.6	0.11	0.10
45662		0.90	<0.05	<0.05	<0.05	<0.001	21.33	851.8	0.04	0.03
45663		1.24	0.52	0.59	0.52	0.008	13.47	1193.0	0.46	0.57
45664		2.24	0.26	0.24	0.26	0.007	28.60	1023.5	0.26	0.26
45665		1.88	3.14	3.75	3.14	0.052	13.87	1072.0	3.09	3.18
45666		2.42	2.02	11.30	1.70	0.423	37.45	1091.5	1.79	1.61
45667		1.96	0.49	0.72	0.49	0.008	11.16	1104.0	0.50	0.48
45668		1.98	0.42	3.30	0.36	0.079	23.96	1061.0	0.33	0.39
45669		1.16	0.53	4.88	0.48	0.072	14.74	1104.0	0.47	0.48
45670		0.08								5.25
45671		0.82	0.44	0.74	0.44	0.013	17.66	792.4	0.43	0.44
45672		0.82	1.90	13.70	1.77	0.125	9.13	780.4	1.71	1.82
45673		1.12	0.30	0.35	0.30	0.012	34.37	1052.0	0.28	0.32
45674		1.08	0.32	0.78	0.32	0.005	6.44	1034.0	0.33	0.31
45675		0.94	0.97	1.74	0.95	0.036	20.70	883.1	0.83	1.07
45676		1.32	0.37	3.56	0.36	0.012	3.37	996.8	0.33	0.39
45677		1.06	0.27	3.81	0.23	0.053	13.90	1004.5	0.23	0.22
45678		1.02	6.76	894	3.42	3.307	3.70	981.2	3.53	3.30
45679		1.50	0.39	0.46	0.39	0.015	32.74	1096.5	0.36	0.42
45680		0.08								1.61
45681		1.32	<0.05	<0.05	<0.05	<0.001	11.30	1023.0	0.03	0.03
45682		1.24	0.24	0.44	0.24	0.016	36.75	1103.5	0.23	0.24
45683		0.48	0.22	<0.05	0.22	<0.001	2.53	448.7	0.22	0.22
45684		0.82	0.15	0.44	0.15	0.004	9.02	780.1	0.14	0.15
45685		1.44	0.22	2.15	0.21	0.010	4.66	1023.0	0.23	0.19
45686		1.52	0.21	0.22	0.21	0.006	27.25	1109.0	0.20	0.21
45687		1.64	0.63	1.42	0.62	0.015	10.59	1099.5	0.62	0.62
45688		0.36	<0.05	<0.05	<0.05	<0.001	4.20	340.5	0.02	0.02
45689		0.62	0.37	1.98	0.36	0.010	5.05	595.3	0.39	0.32
45690		0.98	0.26	0.54	0.26	0.003	5.59	932.2	0.26	0.26
45691		1.56	0.13	0.23	0.13	0.007	30.59	1073.5	0.14	0.12



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 28-JUN-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04035572

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg	ppm	ppm	ppm	mg	g	g	ppm	ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
45692		1.20	0.40	0.98	0.40	0.011	11.17	1149.5	0.39	0.40
45693		1.08	1.03	7.79	0.82	0.247	31.70	1007.0	0.78	0.85
45694		1.26	<0.05	<0.05	<0.05	<0.001	20.57	1199.5	0.04	0.04
45695		0.28	0.57	0.98	0.56	0.006	6.15	237.8	0.54	0.57
45696		1.32	0.40	0.38	0.40	0.009	23.44	972.7	0.41	0.39
45697		0.08								9.94
45698		1.34	0.65	0.90	0.65	0.007	7.82	981.0	0.67	0.63
45699		1.54	0.64	0.64	0.64	0.011	17.32	1115.0	0.65	0.62
45700		1.18	0.62	1.77	0.62	0.007	3.95	1153.5	0.64	0.60
45701		1.46	0.19	0.15	0.19	0.006	40.51	1079.5	0.19	0.19
45702		0.08								4.88
45703		1.82	0.15	<0.05	0.16	<0.001	5.55	994.5	0.15	0.16
45704		1.26	0.05	<0.05	0.05	<0.001	27.70	1185.0	0.05	0.05
45713		1.20	0.09	<0.05	0.09	<0.001	2.45	1005.0	0.09	0.09
45717		1.40	<0.05	<0.05	<0.05	<0.001	30.19	961.8	<0.01	<0.01
45718		1.16	<0.05	<0.05	<0.05	<0.001	30.10	1079.5	<0.01	<0.01
45719		0.72	<0.05	<0.05	<0.05	<0.001	6.16	680.5	<0.01	0.01
45720		0.08								1.77
45721		1.48	<0.05	<0.05	<0.05	<0.001	16.69	953.1	0.01	0.01



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 2-JUL-2004

Account: CUSGOL

CERTIFICATE VA04040209

Project: Table Mountain

P.O. No.:

This report is for 21 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 28-JUN-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: _____



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 2-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04040209

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg 0.02	ppm 0.05	ppm 5
43646		1.78	12.55	7
43647		1.22	0.86	<5
43648		1.58	28.7	14
43649		1.42	0.40	5
43650		0.06	1.99	5
43651		1.26	0.39	<5
43652		1.26	0.40	<5
43664		1.34	1.30	<5
43665		1.60	1.39	<5
43666		2.42	0.92	<5
43667		2.94	0.07	<5
43668		2.56	1.27	<5
43669		2.64	0.25	12
43670		0.06	9.47	<5
43671		2.50	0.44	<5
43672		2.46	0.65	<5
43673		2.12	0.21	<5
43674		3.02	0.46	<5
43675		2.54	0.22	<5
43676		1.94	<0.05	<5
43677		1.38	0.14	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 5-JUL-2004

Account: CUSGOL

CERTIFICATE VA04038773

Project: Table Mountain

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 22-JUN-2004.

The following have access to data associated with this certificate:

M. GLOVER

LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.

ATTN: LESLEY HUNT

BOX A2

JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 5-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04038773

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg 0.02	ppm 0.05	ppm 5
43576		1.08	<0.05	<5
43577		1.50	<0.05	<5
43578		1.50	<0.05	<5
43579		0.40	<0.05	<5
43580		0.08	5.02	7
43581		0.40	0.06	<5
43582		1.60	<0.05	<5
43583		1.40	<0.05	<5
43584		1.68	<0.05	<5
43585		2.28	<0.05	<5
43586		0.14	<0.05	<5
43587		1.62	<0.05	<5
43588		1.50	<0.05	<5
43589		0.16	<0.05	<5
43590		0.08	10.10	<5
43591		1.30	<0.05	<5
43592		0.82	<0.05	<5
43593		1.32	<0.05	<5
43594		0.46	<0.05	<5
43595		1.40	<0.05	<5
43596		1.20	<0.05	<5
43597		0.62	0.74	<5
43598		1.10	0.37	<5
43599		1.08	0.10	<5
43600		0.08	3.52	<5
43601		1.24	0.13	<5
43602		1.44	0.17	<5
43613		1.18	<0.05	<5
43614		1.94	<0.05	<5
43615		1.18	<0.05	<5
43616		0.48	<0.05	<5
43617		1.80	0.10	<5
43618		1.12	<0.05	<5
43619		1.20	0.07	<5
43620		0.08	4.97	8
43621		0.54	0.72	<5
43622		0.18	<0.05	<5
43623		1.24	1.14	<5
43624		1.42	<0.05	<5
43625		2.04	0.40	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 5-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04038773

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg 0.02	ppm 0.05	ppm 5
43626		2.08	0.65	<5
43627		1.96	0.21	<5
43638		1.72	0.38	<5
43639		1.52	0.95	<5
43640		0.08	5.32	<5
43641		1.76	<0.05	<5
43642		1.42	0.45	<5
43643		1.38	0.44	<5
43644		2.22	0.64	<5
43645		0.40	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 9-JUL-2004

Account: CUSGOL

CERTIFICATE VA04042075

Project: Table Mountain

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: M. GLOVER
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Date: 9-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042075

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg 0.02	Au ppm 0.05	Ag ppm 5
43695		1.02	0.31	<5
43696		1.24	0.59	<5
43697		1.24	0.26	<5
43698		1.20	<0.05	6
43699		1.42	0.59	<5
43700		0.10	5.23	<5
43701		1.24	0.48	<5
43702		1.60	0.36	<5
43703		0.74	0.32	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Date: 10-JUL-2004

Account: CUSGOL

CERTIFICATE VA04042078

Project: Table Mountain

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: M. GLOVER
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 10-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042078

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
43704		1.26	1.15	<5
43705		1.46	0.60	<5
43706		1.52	0.51	<5
43707		1.48	0.40	<5
43708		1.40	0.69	<5
43709		0.96	0.55	<5
43710		0.12	3.64	<5
43711		0.90	0.58	<5
43712		1.20	<0.05	<5
43713		0.86	0.07	<5
43714		1.26	<0.05	<5
43715		1.22	<0.05	<5
43716		1.02	<0.05	<5
43717		1.18	<0.05	<5
43718		1.04	10.85	<5
43719		1.08	8.82	85
43720		0.10	1.79	<5
43721		1.14	11.15	399
43722		1.28	13.75	775
43723		1.14	<0.05	<5
43724		1.12	35.6	9
43725		1.54	1.40	<5
43726		1.64	5.01	6
43727		1.30	3.15	<5
43728		1.36	7.98	<5
43729		1.66	1.37	<5
43730		0.08	1.66	<5
43731		1.22	0.66	<5
43732		1.12	0.33	<5
43733		1.32	0.07	<5
43734		1.30	<0.05	<5
43735		1.60	0.07	<5
43736		1.18	<0.05	<5
43737		1.18	7.29	<5
43738		1.10	0.10	<5
43739		1.52	<0.05	<5
43740		0.24	8.95	<5
43741		1.12	<0.05	<5
43742		1.26	0.14	<5
43743		1.18	1.03	6



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 10-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042078

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
		0.02	0.05	5
43744		1.22	0.15	<5
43745		1.36	0.22	5
43746		1.08	0.15	<5
43747		1.20	2.63	29
43748		1.72	35.9	218
43749		1.26	19.45	84
43750		0.12	3.52	<5
43751		1.54	39.2	148
43752		1.04	30.2	67



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Date: 12-JUL-2004
Account: CUSGOL

CERTIFICATE VA04042335

Project: Table Mountain

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
BAG-01	Bulk Master for Storage
SCR-21	Screen to -100 um
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: _____



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Date: 12-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042335

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
43704		0.92	3.32	0.91	0.020	6.03	969.7	0.94	0.87
43705		0.51	0.34	0.51	0.001	2.98	1183.0	0.50	0.52
43706		0.19	<0.05	0.20	<0.001	1.47	1011.5	0.10	0.29
43707		0.35	<0.05	0.35	<0.001	0.86	1066.5	0.35	0.35
43708		0.74	2.71	0.74	0.012	4.43	1109.5	0.79	0.68
43709		0.41	<0.05	0.42	<0.001	0.56	676.1	0.42	0.41
43710								3.50	
43711		0.51	<0.05	0.51	<0.001	3.90	618.5	0.49	0.53
43712		<0.05	<0.05	<0.05	<0.001	26.11	896.0	0.02	0.03
43713		0.06	<0.05	0.06	<0.001	10.71	610.3	0.06	0.06
43714		0.18	<0.05	0.18	<0.001	2.24	945.9	0.18	0.18
43715		0.05	<0.05	0.05	<0.001	3.78	901.9	0.05	0.05
43716		0.09	1.54	0.07	0.018	11.67	722.8	0.04	0.10
43717		0.06	<0.05	0.07	<0.001	7.20	897.1	0.10	0.03
43718		7.46	219	5.63	1.494	6.82	787.5	6.86	4.40
43719		9.39	15.05	9.35	0.089	5.92	835.8	9.27	9.42
43720								2.07	
43721		13.05	77.4	11.20	1.929	24.92	854.6	10.80	11.55
43722		13.30	76.3	12.90	0.464	6.08	961.0	12.65	13.15
43723		0.07	0.54	0.06	0.011	20.20	857.4	0.05	0.06
43724		38.8	3540	17.80	17.652	4.98	831.9	18.80	16.75
43725		5.46	423	0.93	4.540	10.74	987.4	0.87	0.98
43726		5.68	1340	3.40	2.288	1.71	1000.5	3.30	3.50
43727		3.82	6.22	3.82	0.012	1.93	1036.5	3.77	3.87
43728		8.13	10.25	8.12	0.089	8.70	1101.5	8.17	8.06
43729		1.21	<0.05	1.22	<0.001	1.34	1052.5	1.23	1.20
43730								5.47	
43731		0.70	<0.05	0.71	<0.001	2.04	986.6	0.70	0.71
43732		0.13	<0.05	0.14	<0.001	1.12	846.4	0.14	0.13
43733		0.13	<0.05	0.13	<0.001	6.00	1023.0	0.13	0.13
43734		<0.05	<0.05	<0.05	<0.001	2.54	931.9	0.01	0.01
43735		<0.05	<0.05	0.05	<0.001	10.56	1053.0	0.05	0.04
43736		<0.05	<0.05	<0.05	<0.001	11.51	768.5	0.04	0.04
43737		7.14	8.82	7.08	0.236	26.76	745.8	7.28	6.88
43738		0.13	<0.05	0.13	<0.001	7.80	696.0	0.13	0.13
43739		0.05	<0.05	0.05	<0.001	9.72	1086.5	0.05	0.05
43740								1.89	
43741		<0.05	<0.05	<0.05	<0.001	2.06	824.3	0.01	0.01
43742		0.07	0.07	0.07	0.002	29.03	977.8	0.06	0.08
43743		0.73	1.57	0.73	0.004	2.55	894.1	0.71	0.75



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Date: 12-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042335

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		ppm	ppm	ppm	mg	g	g	ppm	ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
43744		0.10	<0.05	0.10	<0.001	27.10	890.8	0.10	0.10
43745		0.16	4.13	0.15	0.010	2.42	1077.5	0.16	0.14
43746		0.25	4.63	0.20	0.038	8.21	772.9	0.22	0.18
43747		3.97	314	2.35	1.566	4.98	952.7	2.35	2.34
43748		31.9	9.95	32.6	0.339	34.06	1026.0	35.0	30.2
43749		19.30	172.0	17.85	1.574	9.14	980.5	18.35	17.35
43750								3.52	
43751		29.7	34.1	29.6	1.316	38.62	1058.5	28.6	30.5
43752		32.9	0.06	34.3	0.002	31.34	768.8	30.2	38.3



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Date: 15-JUL-2004
 Account: CUSGOL

CERTIFICATE VA04042469

Project: Table Mountain
 P.O. No.:
 This report is for 119 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
 LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 2 - A
 Total # Pages: 4 (A)
 Date: 15-JUL-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042469

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg 0.02	Au ppm 0.05	Ag ppm 5
43426		0.96	<0.05	<5
43427		1.10	<0.05	<5
43428		1.20	<0.05	<5
43429		1.04	<0.05	<5
43430		0.90	<0.05	<5
43431		1.08	<0.05	<5
43432		1.14	<0.05	<5
43433		1.06	<0.05	<5
43434		1.20	<0.05	<5
43435		1.00	<0.05	<5
43436		1.22	<0.05	<5
43437		1.24	<0.05	<5
43438		1.08	<0.05	<5
43439		1.10	<0.05	<5
43440		0.98	<0.05	<5
43441		0.96	<0.05	<5
43442		1.02	<0.05	<5
43443		1.14	<0.05	<5
43444		1.12	<0.05	<5
43445		1.10	<0.05	<5
43446		1.10	<0.05	<5
43447		1.30	<0.05	<5
43448		0.92	<0.05	<5
43449		1.34	<0.05	<5
43450		1.20	<0.05	<5
43683		1.66		
43684		1.74		
43685		1.38		
43686		1.46		
43753		1.78	77.8	11
43754		1.12	60.9	17
43755		0.96	12.55	10
43756		0.90	0.39	<5
43757		1.22	<0.05	9
43758		1.24	2.09	<5
43759		1.22	<0.05	7
43760		0.10	4.61	<5
43761		1.22	<0.05	<5
43762		1.08	<0.05	<5
43763		1.26	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 4 (A)

Date: 15-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042469

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
43764		0.90	<0.05	<5
43765		1.08	<0.05	<5
43766		1.22	<0.05	<5
43767		1.32	0.18	<5
43768		0.68	0.07	<5
43769		0.96	0.40	<5
43770		0.08	1.70	6
43771		1.18	0.32	<5
43772		1.14	0.07	<5
43773		1.18	0.07	<5
43774		1.24	135.0	37
43775		1.16	238	71
43776		1.06	19.20	6
43777		0.94	10.80	7
43778		1.24	0.48	8
43779		0.86	0.55	8
43780		0.08	10.55	22
43781		1.34	0.49	10
43782		1.12	0.78	10
43783		1.20	0.19	8
43784		1.14	0.21	<5
43785		1.08	0.44	7
43786		0.92	0.93	10
43787		1.56	1.75	8
43788		1.00	0.87	10
43789		1.28	0.10	6
43790		0.10	3.39	9
43791		1.56	0.21	5
43792		1.70	0.98	11
43793		2.70	0.30	10
43794		2.66	0.56	11
43795		1.26	0.63	12
43796		1.72	0.48	12
43797		1.48	0.35	7
43798		1.28	0.17	8
43799		1.30	0.44	10
43800		0.10	5.48	25
43801		1.18	3.08	11
43802		1.08	0.92	<5
43803		0.78	1.49	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 4 - A

Total # Pages: 4 (A)

Date: 15-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042469

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg 0.02	ppm 0.05	ppm 5
43804		1.16	<0.05	<5
43805		1.04	<0.05	<5
43806		1.02	1.27	9
43807		1.10	<0.05	<5
43808		1.00	<0.05	<5
43809		1.12	0.07	<5
43810		0.10	1.77	<5
43811		1.02	0.63	<5
43812		1.18	<0.05	<5
43813		0.96	<0.05	<5
43814		1.06	0.52	<5
43815		1.06	0.07	<5
43816		1.12	<0.05	<5
43817		1.10	0.21	<5
43818		0.90	<0.05	<5
43819		1.34	<0.05	<5
43820		0.10	1.39	<5
43821		1.20	<0.05	<5
43822		0.70	<0.05	<5
43823		1.22	<0.05	<5
43824		1.38	0.07	<5
43825		1.14	<0.05	<5
43826		1.40	0.21	<5
43827		1.52	0.11	5
43828		2.50	0.52	<5
43829		2.50	1.05	<5
43830		0.10	0.37	19
43831		1.64	8.77	<5
43832		1.26	<0.05	17
43833		0.80	0.11	<5
43834		0.62	0.70	<5
43835		1.36	0.31	<5
43836		1.26	<0.05	<5
43837		1.16	<0.05	<5
43838		1.04	<0.05	<5
43839		1.86	0.13	<5
43840		0.10	1.99	<5
43841		1.46	0.20	<5
43842		0.48	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 18-JUL-2004

Account: CUSGOL

CERTIFICATE VA04042566

Project: Table Mountain

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
PUL-32	Pulverize 1000g to 85% < 75 um
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 2 - A
 Total # Pages: 4 (A)
 Finalized Date: 18-JUL-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042566

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D	Au-GRA21
		Au Total ppm 0.05	Au (+) F ppm 0.05	Au (-) F ppm 0.05	Au (+) m mg 0.001	WT. + Fr g 0.01	WT. - Fr g 0.1	Au ppm 0.01	Au ppm 0.01	Au ppm 0.05
43683		2.09	4.35	1.98	0.177	40.68	873.9	1.96	2.00	
43684		2.19	3.53	2.13	0.184	52.08	1140.0	2.17	2.09	
43685		0.91	0.58	0.93	0.020	34.55	947.6	0.91	0.94	
43686		0.84	1.82	0.81	0.062	33.99	1045.5	0.82	0.80	
43753		79.2	183.5	77.9	3.657	19.94	1488.5	78.7	77.0	
43754		51.9	2790	35.2	14.000	5.02	821.7	35.0	35.4	
43755		15.10	762	6.78	5.746	7.54	676.7	7.22	6.34	
43756		0.25	4.88	0.22	0.019	3.89	640.4	0.27	0.17	
43757		0.08	<0.05	0.09	<0.001	25.49	906.7	0.07	0.10	
43758		1.92	1.68	1.93	0.017	10.13	913.5	1.82	2.03	
43759		<0.05	<0.05	<0.05	<0.001	10.63	895.6	0.03	0.03	
43760							5.01			
43761		<0.05	<0.05	<0.05	<0.001	4.34	900.4	0.03	0.01	
43762		<0.05	0.28	<0.05	0.003	10.77	772.6	0.02	0.02	
43763		<0.05	2.95	<0.05	0.014	4.75	914.1	<0.01	0.01	
43764		0.05	<0.05	0.06	<0.001	6.31	673.8	0.01	0.10	
43765		0.06	<0.05	0.06	<0.001	4.85	811.2	0.06	0.06	
43766		0.05	<0.05	0.06	<0.001	10.74	932.6	0.06	0.05	
43767		0.21	1.51	0.21	0.008	5.30	971.9	0.20	0.21	
43768		0.10	<0.05	0.10	<0.001	4.29	380.2	0.11	0.09	
43769		0.27	1.72	0.27	0.007	4.07	719.7	0.28	0.25	
43770							3.34			
43771		0.41	3.94	0.37	0.038	9.65	893.1	0.41	0.33	
43772		<0.05	0.29	<0.05	0.003	10.21	875.6	0.02	0.02	
43773		<0.05	<0.05	<0.05	<0.001	8.49	918.9	0.01	<0.01	
43774		131.0	7540	52.8	76.951	10.20	967.1	55.6	49.9	
43775		241	5740	129.0	101.885	17.76	870.8	>100	>100	129.0
43776		27.9	1435	17.90	8.043	5.61	783.4	18.45	17.30	
43777		2.12	90.0	1.39	0.532	5.91	707.0	1.55	1.23	
43778		0.48	0.34	0.49	0.003	8.87	917.5	0.49	0.48	
43779		0.34	<0.05	0.34	<0.001	8.47	646.0	0.36	0.32	
43780							9.64			
43781		0.66	0.47	0.67	0.011	23.20	1022.0	0.70	0.63	
43782		0.80	1.38	0.79	0.024	17.35	835.3	0.80	0.77	
43783		0.18	<0.05	0.19	<0.001	10.95	927.9	0.20	0.17	
43784		0.66	11.90	0.44	0.200	16.81	844.2	0.45	0.43	
43785		0.46	0.80	0.46	0.009	11.20	807.6	0.46	0.46	
43786		0.88	1.23	0.88	0.011	8.96	691.3	0.91	0.85	
43787		1.29	17.85	1.20	0.130	7.29	1242.0	1.28	1.11	
43788		0.51	2.00	0.48	0.032	15.97	731.7	0.48	0.48	



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 4 (A)

Finalized Date: 18-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042566

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D	Au-GRA21
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au	Au
		ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01	ppm 0.05
43789		0.13	0.67	0.13	0.002	2.98	985.5	0.13	0.12	
43790								3.54		
43791		0.26	0.89	0.25	0.027	30.23	1303.0	0.26	0.23	
43792		1.01	1.15	1.01	0.053	46.10	1307.0	1.04	0.98	
43793		0.24	0.17	0.25	0.004	22.89	918.5	0.26	0.23	
43794		0.93	5.53	0.79	0.189	34.16	1154.0	0.74	0.84	
43795		0.40	0.28	0.41	0.011	38.69	924.1	0.41	0.41	
43796		0.41	0.39	0.42	0.010	25.91	1397.5	0.43	0.40	
43797		0.38	5.12	0.33	0.070	13.66	1131.5	0.38	0.27	
43798		0.22	0.18	0.22	0.001	5.69	954.3	0.23	0.21	
43799		0.41	1.20	0.37	0.054	44.85	925.6	0.37	0.37	
43800								4.95		
43801		0.98	10.65	0.73	0.214	20.07	775.0	0.73	0.73	
43802		0.79	12.75	0.64	0.136	10.66	857.8	0.59	0.69	
43803		0.46	1.78	0.40	0.036	20.25	473.3	0.53	0.27	
43804		<0.05	<0.05	<0.05	<0.001	14.34	834.5	<0.01	<0.01	
43805		0.42	16.25	0.09	0.259	15.95	749.2	0.09	0.08	
43806		2.15	48.5	1.41	0.554	11.42	720.0	1.42	1.40	
43807		<0.05	<0.05	<0.05	<0.001	27.36	776.5	0.01	0.01	
43808		0.09	<0.05	0.10	<0.001	8.92	714.3	0.19	<0.01	
43809		<0.05	0.54	<0.05	0.015	27.79	819.4	0.01	0.02	
43810								1.52		
43811		0.05	0.14	0.05	0.002	14.56	741.0	0.04	0.05	
43812		<0.05	<0.05	<0.05	<0.001	41.88	860.7	0.03	<0.01	
43813		<0.05	<0.05	<0.05	<0.001	49.14	669.5	<0.01	<0.01	
43814		0.20	5.45	0.09	0.094	17.25	779.3	0.09	0.08	
43815		<0.05	<0.05	<0.05	<0.001	14.23	765.3	0.04	<0.01	
43816		0.08	1.19	<0.05	0.038	32.02	840.9	0.03	0.05	
43817		1.16	26.3	0.57	0.490	18.60	799.0	0.49	0.65	
43818		<0.05	<0.05	<0.05	<0.001	30.04	622.0	0.01	<0.01	
43819		<0.05	<0.05	<0.05	<0.001	18.83	1035.0	<0.01	<0.01	
43820								1.64		
43821		<0.05	<0.05	<0.05	<0.001	38.94	870.6	<0.01	<0.01	
43822		0.12	<0.05	0.12	<0.001	8.42	417.6	0.08	0.16	
43823		0.12	0.20	0.12	0.004	20.32	914.8	0.11	0.12	
43824		<0.05	0.13	<0.05	0.001	7.87	1086.0	0.04	0.04	
43825		<0.05	0.15	<0.05	0.003	20.23	861.0	0.01	0.03	
43826		0.54	11.80	0.28	0.304	25.72	1081.5	0.23	0.32	
43827		0.08	<0.05	0.09	<0.001	15.00	975.9	0.07	0.10	
43828		0.46	0.46	0.47	0.002	4.35	1061.0	0.45	0.48	



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 4 - A

Total # Pages: 4 (A)

Finalized Date: 18-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS	VA04042566
-------------------------	------------

Sample Description	Method Analyte Units LOR	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D	Au-GRA21
		Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au	Au
		ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01	ppm 0.05
43829		1.07	0.99	1.07	0.026	26.26	1002.0	0.89	1.25	
43830							9.98			
43831		0.36	0.39	0.36	0.007	18.05	1056.0	0.36	0.36	
43832		<0.05	<0.05	<0.05	<0.001	13.95	970.1	0.02	0.02	
43833		<0.05	<0.05	0.05	<0.001	35.02	541.1	0.04	0.05	
43834		0.63	0.92	0.63	0.003	3.27	374.1	0.61	0.64	
43835		<0.05	<0.05	<0.05	<0.001	25.26	1031.5	0.03	0.03	
43836		0.07	<0.05	0.08	<0.001	2.07	994.6	0.08	0.07	
43837		0.10	0.07	0.10	0.003	41.66	861.1	0.10	0.10	
43838		<0.05	<0.05	<0.05	<0.001	7.74	759.6	0.04	0.04	
43839		0.22	0.23	0.22	0.003	12.96	1063.5	0.22	0.22	
43840								1.64		
43841		0.40	0.19	0.41	0.002	10.51	1135.0	0.41	0.40	
43842		<0.05	1.42	<0.05	0.003	2.11	236.2	0.01	<0.01	



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 19-JUL-2004

Account: CUSGOL

CERTIFICATE VA04042468

Project: Table Mountain

P.O. No.:

This report is for 13 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 19-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04042468

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg 0.02	ppm 0.05	ppm 5
43678		2.16	<0.05	<5
43679		1.78	<0.05	<5
43680		0.06	3.47	<5
43681		1.60	<0.05	<5
43682		2.16	0.49	<5
43687		0.96	0.61	5
43688		1.82	0.23	<5
43689		1.86	0.91	<5
43690		<0.02	1.94	<5
43691		1.86	2.13	<5
43692		2.10	2.72	<5
43693		2.20	1.05	<5
43694		0.16	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 25-JUL-2004

Account: CUSGOL

CERTIFICATE VA04044675

Project: Table Mountain

P.O. No.:

This report is for 34 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 2 - A
 Total # Pages: 2 (A)
 Finalized Date: 25-JUL-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044675

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-GRA21 Au ppm 0.05	ME-GRA21 Ag ppm 5
43842		Not Recvd		
43843		0.38	0.10	<5
43900		0.12	4.92	<5
43901		2.48	0.20	<5
43902		1.82	0.23	<5
43903		2.56	0.40	<5
43904		2.18	0.30	5
43905		1.82	0.40	<5
43917		0.36	<0.05	<5
43918		0.40	0.23	<5
43935		1.14	0.13	<5
43936		1.06	2.76	<5
43937		1.16	1.13	<5
43938		1.02	15.85	10
43939		1.04	1.14	6
43940		0.10	5.07	5
43941		1.14	2.16	<5
43942		1.16	2.36	<5
43968		1.04	0.37	<5
43969		1.30	0.16	<5
43970		0.08	15.35	11
43971		1.24	<0.05	<5
43972		0.96	<0.05	<5
43973		0.80	<0.05	<5
43974		1.32	<0.05	<5
43975		1.42	<0.05	<5
43976		1.22	<0.05	<5
43977		1.20	<0.05	<5
43978		0.94	<0.05	<5
43979		1.36	<0.05	<5
43980		0.06	4.90	5
43981		1.70	<0.05	5
43982		0.62	49.4	15
43984		1.16	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 29-JUL-2004

Account: CUSGOL

CERTIFICATE VA04044674

Project: Table Mountain

P.O. No.:

This report is for 109 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 2 - A
 Total # Pages: 4 (A)
 Finalized Date: 29-JUL-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044674

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
43844		1.28	0.15	0.06	0.16	0.001	17.21	1028.0	0.16	0.15
43845		1.24	0.17	0.10	0.18	0.004	40.52	1008.5	0.17	0.18
43846		1.72	1.21	1.76	1.19	0.094	53.52	1242.5	1.33	1.04
43847		1.16	0.31	0.39	0.31	0.007	18.01	948.9	0.32	0.30
43848		0.96	0.79	0.92	0.79	0.020	21.82	676.2	0.91	0.67
43849		1.16	0.46	0.48	0.46	0.009	18.65	914.3	0.47	0.44
43850		0.12								19.80
43851		1.38	0.06	0.46	0.05	0.022	48.33	1088.5	0.05	0.04
43852		1.36	<0.05	<0.05	<0.05	0.001	38.44	1115.0	0.04	0.04
43853		1.34	0.13	0.05	0.14	0.002	38.40	1031.5	0.20	0.07
43854		1.18	<0.05	<0.05	<0.05	<0.001	17.56	978.6	<0.01	0.01
43855		1.26	0.15	0.18	0.15	0.007	39.10	965.2	0.14	0.15
43856		1.24	7.55	8.35	7.53	0.181	21.67	982.3	7.64	7.42
43857		1.24	1.08	10.20	0.81	0.306	30.07	1015.5	0.89	0.73
43858		1.46	0.15	0.13	0.16	0.006	46.24	1161.5	0.16	0.15
43859		1.40	0.14	0.21	0.14	0.007	33.81	1141.0	0.14	0.14
43860		0.10								4.80
43861		1.06	0.51	0.46	0.52	0.011	23.79	822.9	0.52	0.51
43862		1.24	0.15	0.17	0.15	0.007	41.09	1008.0	0.17	0.13
43863		1.02	0.44	0.13	0.45	0.001	7.80	717.2	0.47	0.42
43864		1.24	0.48	0.46	0.48	0.022	47.62	978.8	0.51	0.45
43865		1.12	0.59	0.72	0.59	0.018	25.00	876.9	0.64	0.53
43866		1.22	0.16	0.16	0.17	0.004	24.27	975.1	0.17	0.16
43867		1.50	0.18	0.29	0.18	0.012	41.21	1191.5	0.17	0.18
43868		1.46	0.39	0.60	0.38	0.021	34.76	1177.0	0.40	0.36
43869		1.30	0.39	0.53	0.38	0.022	41.21	1025.5	0.35	0.41
43870		0.10								14.50
43871		1.38	0.53	0.70	0.53	0.030	42.77	1171.0	0.58	0.47
43872		1.56	0.46	0.51	0.46	0.022	42.87	1134.0	0.49	0.42
43873		1.22	1.02	1.07	1.02	0.016	14.94	957.5	1.07	0.96
43874		1.16	2.21	1.76	2.22	0.024	13.62	907.0	2.23	2.20
43875		1.00	0.36	0.28	0.37	0.005	18.13	673.4	0.36	0.37
43876		1.54	0.80	1.46	0.78	0.062	42.55	1162.0	0.80	0.76
43877		1.44	1.03	1.35	1.03	0.039	28.79	1184.0	1.07	0.98
43878		1.20	1.01	4.33	0.91	0.125	28.86	990.2	1.05	0.77
43879		1.18	0.34	0.52	0.34	0.007	13.48	962.3	0.38	0.30
43880		0.12								19.90
43881		1.16	0.28	0.77	0.26	0.033	42.89	921.9	0.26	0.26
43882		0.76	0.32	0.26	0.32	0.003	11.59	532.7	0.30	0.34
43883		2.56	0.42	0.45	0.42	0.018	40.35	2194	0.43	0.41



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 4 (A)

Finalized Date: 29-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044674

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt. kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
43884		1.28	0.97	1.48	0.95	0.054	36.55	978.3	0.97	0.93
43885		1.10	0.63	1.06	0.63	0.006	5.67	807.7	0.67	0.59
43886		0.96	0.14	5.09	0.08	0.041	8.05	638.3	0.13	0.03
43887		1.26	<0.05	<0.05	<0.05	<0.001	26.67	1005.0	0.04	<0.01
43888		1.24	<0.05	0.29	<0.05	0.009	31.05	956.6	<0.01	<0.01
43889		1.02	0.08	0.06	0.08	0.001	16.31	685.0	0.07	0.09
43890		0.12								15.30
43891		1.32	0.56	0.86	0.56	0.014	16.29	961.3	0.57	0.54
43892		1.14	0.36	0.42	0.36	0.008	18.99	857.8	0.37	0.35
43893		1.12	0.92	2.05	0.91	0.016	7.81	805.7	1.01	0.80
43894		1.46	3.57	112.5	2.23	1.297	11.53	936.5	2.35	2.10
43895		1.10	2.73	5.33	2.68	0.097	18.20	811.4	2.71	2.64
43896		1.22	1.67	10.00	1.41	0.286	28.57	885.0	1.58	1.23
43897		1.12	6.45	790	2.01	3.578	4.53	799.0	2.04	1.97
43898		1.00	0.35	0.35	0.35	0.003	8.59	686.8	0.42	0.28
43899		1.84	0.07	0.13	0.07	0.003	23.00	966.7	0.08	0.06
43906		1.28	0.67	8.38	0.37	0.307	36.62	948.7	0.37	0.37
43907		0.80	7.87	26.9	7.72	0.111	4.13	528.0	7.67	7.77
43908		1.18	0.34	0.30	0.34	0.013	42.88	826.7	0.37	0.31
43909		1.30	3.07	60.6	2.07	1.017	16.78	969.5	1.92	2.22
43910		0.12								5.12
43911		1.32	0.30	0.44	0.30	0.019	42.93	935.0	0.27	0.32
43912		1.28	0.25	0.23	0.26	0.007	30.62	930.5	0.27	0.24
43913		1.38	0.19	0.22	0.19	0.009	40.58	920.0	0.19	0.19
43914		1.24	0.31	0.31	0.31	0.012	38.54	897.7	0.32	0.30
43915		1.32	0.51	1.21	0.48	0.052	42.85	1004.5	0.37	0.58
43916		1.92	0.21	0.23	0.21	0.008	34.94	963.0	0.20	0.21
43919		2.70	1.24	1.53	1.24	0.035	22.95	969.1	1.28	1.19
43920		0.12								15.05
43921		2.84	0.51	1.01	0.50	0.033	32.63	940.7	0.51	0.48
43922		2.54	0.33	1.31	0.30	0.046	35.16	949.3	0.25	0.34
43923		2.84	0.76	4.88	0.59	0.192	39.36	946.7	0.58	0.60
43924		2.58	0.72	1.01	0.71	0.037	36.81	955.5	0.72	0.70
43925		1.36	0.63	0.78	0.62	0.029	37.28	946.2	0.62	0.62
43926		0.56	0.33	0.40	0.33	0.006	14.94	250.6	0.34	0.32
43927		2.16	0.19	0.17	0.19	0.002	11.44	972.6	0.20	0.18
43928		2.16	0.10	0.05	0.11	0.003	58.97	934.3	0.13	0.08
43929		2.52	0.76	1.93	0.71	0.083	42.93	957.3	0.75	0.66
43930		0.12								20.8
43931		2.48	2.24	23.6	1.35	0.944	40.01	956.5	1.36	1.34



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 4 - A

Total # Pages: 4 (A)

Finalized Date: 29-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044674

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
43932		2.60	0.87	1.42	0.85	0.061	42.83	946.5	0.88	0.82
43933		3.10	0.71	0.96	0.71	0.030	31.32	937.9	0.71	0.70
43934		1.78	0.84	0.72	0.85	0.013	18.18	976.5	0.88	0.81
43943		1.04	0.74	59.2	0.62	0.090	1.52	742.0	0.84	0.40
43944		1.20	0.27	0.24	0.27	0.004	16.49	912.0	0.28	0.26
43945		1.26	0.72	103.0	0.26	0.447	4.34	968.0	0.23	0.29
43946		1.34	1.37	1.60	1.37	0.055	34.43	1033.0	1.29	1.44
43947		1.24	0.70	1.57	0.70	0.008	5.08	956.5	0.59	0.80
43948		1.08	0.11	<0.05	0.11	<0.001	8.37	803.0	0.10	0.12
43949		1.20	0.51	3.44	0.45	0.073	21.21	915.3	0.43	0.46
43950		0.08								5.07
43951		1.18	3.64	210	2.38	1.172	5.58	910.6	2.22	2.53
43952		0.96	4.40	146.0	2.04	1.657	11.34	678.2	1.96	2.11
43953		1.10	0.78	29.8	0.65	0.114	3.82	809.7	0.71	0.58
43954		0.82	0.22	1.25	0.18	0.024	19.24	535.1	0.16	0.20
43955		1.08	0.64	0.77	0.63	0.023	29.91	786.6	0.61	0.65
43956		1.24	0.56	0.52	0.57	0.026	49.98	925.8	0.55	0.58
43957		1.30	1.17	0.50	1.20	0.017	33.84	1029.5	1.18	1.21
43958		1.32	2.14	3.82	2.13	0.041	10.72	1008.5	2.10	2.15
43959		1.36	0.52	0.40	0.53	0.010	25.10	1077.5	0.53	0.52
43960		0.14								19.80
43961		1.26	0.81	0.72	0.82	0.041	56.73	913.1	0.79	0.84
43962		0.72	0.24	0.45	0.24	0.001	2.21	479.4	0.23	0.25
43963		1.08	0.49	0.53	0.49	0.017	32.36	766.0	0.47	0.51
43964		0.84	0.06	<0.05	0.07	<0.001	7.47	600.2	0.06	0.07
43965		0.86	0.31	0.31	0.31	0.006	19.50	585.1	0.29	0.32
43966		1.08	<0.05	<0.05	<0.05	<0.001	13.33	798.0	0.02	0.03
43967		0.88	<0.05	<0.05	<0.05	<0.001	10.05	393.4	0.03	0.04
43983		1.58	<0.05	<0.05	<0.05	<0.001	46.71	910.2	0.02	0.05



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 30-JUL-2004

Account: CUSGOL

CERTIFICATE VA04044676

Project: Table Mountain

P.O. No.:

This report is for 109 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 4 (A)
Finalized Date: 30-JUL-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044676

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
43844		0.14	<5
43845		0.25	<5
43846		0.86	<5
43847		0.39	<5
43848		1.01	<5
43849		0.49	<5
43850		21.1	<5
43851		0.13	<5
43852		<0.05	<5
43853		0.07	<5
43854		<0.05	<5
43855		0.18	<5
43856		7.73	333
43857		0.68	70
43858		0.21	<5
43859		0.17	<5
43860		5.05	<5
43861		0.49	<5
43862		0.21	<5
43863		0.53	<5
43864		0.58	<5
43865		0.42	<5
43866		0.21	<5
43867		0.32	<5
43868		0.49	<5
43869		0.38	<5
43870		15.00	<5
43871		0.50	<5
43872		0.45	<5
43873		1.08	16
43874		2.59	<5
43875		0.43	<5
43876		0.89	<5
43877		1.26	7
43878		1.40	<5
43879		0.41	<5
43880		20.6	<5
43881		0.28	<5
43882		0.18	<5
43883		0.46	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 4 (A)

Finalized Date: 30-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044676

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
43884		0.94	<5
43885		0.70	<5
43886		<0.05	<5
43887		<0.05	<5
43888		<0.05	<5
43889		0.14	<5
43890		15.30	<5
43891		0.74	<5
43892		0.56	<5
43893		0.88	<5
43894		1.62	<5
43895		2.72	11
43896		0.71	<5
43897		23.4	9
43898		0.25	<5
43899		0.07	<5
43906		0.32	<5
43907		9.42	8
43908		0.32	<5
43909		2.20	<5
43910		4.95	5
43911		0.42	<5
43912		0.35	<5
43913		0.28	<5
43914		0.32	<5
43915		1.55	5
43916		0.48	7
43919		0.99	<5
43920		14.90	<5
43921		0.48	<5
43922		0.35	<5
43923		0.57	<5
43924		0.76	<5
43925		0.57	<5
43926		0.35	5
43927		0.32	<5
43928		0.07	<5
43929		0.67	<5
43930		20.7	<5
43931		0.84	7



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 4 - A

Total # Pages: 4 (A)

Finalized Date: 30-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04044676

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
43932		0.93	5
43933		0.76	<5
43934		0.99	<5
43943		7.77	<5
43944		0.35	<5
43945		0.07	<5
43946		1.56	<5
43947		0.83	<5
43948		0.07	<5
43949		0.43	<5
43950		4.98	<5
43951		0.07	<5
43952		<0.05	<5
43953		1.36	<5
43954		0.17	<5
43955		0.67	<5
43956		0.52	<5
43957		1.18	<5
43958		2.17	<5
43959		0.53	<5
43960		20.6	<5
43961		0.77	<5
43962		0.28	<5
43963		0.52	<5
43964		0.11	<5
43965		0.33	<5
43966		<0.05	<5
43967		<0.05	<5
43983		0.28	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Finalized Date: 31-JUL-2004
Account: CUSGOL

CERTIFICATE VA04048617

Project: Table Mountain

P.O. No.:

This report is for 24 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 27-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 31-JUL-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048617

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
44092		5.86	6
44093		<0.05	<5
44094		0.75	<5
44095		1.30	<5
44096		1.27	<5
44097		<0.05	5
44098		0.07	5
44099		0.17	<5
44100		20.4	<5
44101		<0.05	<5
44102		0.10	<5
44103		<0.05	<5
44104		0.28	5
44105		0.27	<5
44106		0.52	<5
44107		0.26	<5
44108		0.17	<5
44109		0.38	7
44110		4.88	11
44111		<0.05	<5
44112		0.20	<5
44113		0.10	<5
44114		2.14	5
44115		0.49	6



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Finalized Date: 31-JUL-2004
Account: CUSGOL

CERTIFICATE VA04045827

Project: Table Mountain

P.O. No.:

This report is for 35 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 2 (A)
Finalized Date: 31-JUL-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04045827

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
44009		0.11	<5
44010		4.98	<5
44011		0.07	<5
44047		29.3	10
44048		<0.05	<5
44049		20.0	5
44050		20.6	<5
44051		<0.05	8
44052		0.79	5
44053		3.78	<5
44054		2.90	<5
44055		3.42	<5
44056		1.41	<5
44057		0.10	<5
44058		8.23	6
44065		1.77	<5
44066		5.92	6
44067		0.34	<5
44068		17.20	7
44069		0.68	<5
44070		15.10	5
44071		0.71	<5
44072		0.89	6
44073		0.50	6
44074		0.25	7
44075		2.22	<5
44076		1.77	<5
44077		3.04	<5
44078		2.66	<5
44079		0.14	<5
44080		4.81	<5
44081		0.75	<5
44082		0.64	<5
44083		0.95	<5
44084		1.54	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 2-AUG-2004

Account: CUSGOL

CERTIFICATE VA04048319

Project: Table Mountain

P.O. No.:

This report is for 24 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 27-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: _____



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 2 (A)
Finalized Date: 2-AUG-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048319

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt. kg 0.02	Au Total ppm 0.05	Au (+) F ppm 0.05	Au (-) F ppm 0.05	Au (+) m mg 0.001	WT. + Fr g 0.01	WT. - Fr g 0.1	Au ppm 0.01	Au ppm 0.01
44092		1.24	5.60	12.85	5.36	0.393	30.58	938.3	5.18	5.54
44093		1.20	0.06	0.05	0.07	0.002	41.50	888.4	0.06	0.07
44094		2.10	0.74	0.74	0.75	0.023	31.23	970.0	0.78	0.71
44095		1.70	0.70	3.41	0.66	0.060	17.62	1064.0	0.71	0.60
44096		0.64	2.55	34.9	0.87	0.674	19.30	370.6	1.01	0.72
44097		1.60	<0.05	<0.05	<0.05	<0.001	28.67	1027.5	0.04	0.02
44098		1.04	0.10	0.14	0.10	0.005	37.00	734.7	0.10	0.10
44099		1.28	0.18	0.25	0.18	0.007	27.56	989.2	0.17	0.18
44100		0.12							19.35	
44101		0.98	<0.05	<0.05	<0.05	<0.001	12.50	716.5	0.04	0.03
44102		1.02	0.12	0.15	0.12	0.005	33.39	713.3	0.12	0.12
44103		0.94	<0.05	0.05	<0.05	0.002	40.65	660.9	<0.01	<0.01
44104		1.66	0.40	0.66	0.40	0.013	19.65	1022.5	0.40	0.39
44105		0.48	0.28	<0.05	0.28	<0.001	1.11	230.9	0.28	0.28
44106		1.54	0.30	<0.05	0.30	<0.001	16.11	986.6	0.31	0.29
44107		1.38	0.20	0.27	0.20	0.007	26.00	1080.0	0.20	0.19
44108		1.56	0.33	1.54	0.31	0.039	25.30	1257.0	0.23	0.38
44109		1.16	0.39	0.87	0.36	0.049	56.26	890.1	0.37	0.34
44110		0.12							4.69	
44111		0.80	<0.05	<0.05	0.05	0.001	29.15	526.9	0.05	0.04
44112		0.78	0.17	<0.05	0.17	<0.001	10.46	554.3	0.17	0.17
44113		1.18	0.10	0.10	0.11	0.003	29.57	829.6	0.11	0.10
44114		1.14	4.34	108.0	1.01	2.855	26.40	822.5	1.06	0.96
44115		2.16	0.38	0.92	0.37	0.030	32.77	1041.5	0.38	0.35



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Finalized Date: 3-AUG-2004
 Account: CUSGOL

CERTIFICATE VA04048086

Project: Table Mountain
 P.O. No.:
 This report is for 35 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
 LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
BAG-01	Bulk Master for Storage
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCRa	Au Screen FA - Over Wt. A	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 3-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048086

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
44009		1.52	0.23	0.10	0.23	0.004	39.13	979.2	0.20	0.26
44010		0.08							4.17	
44011		1.80	0.10	0.10	0.11	0.004	41.98	968.4	0.11	0.10
44047		1.18	19.65	310	10.85	8.940	28.87	950.6	11.05	10.60
44048		0.70	<0.05	<0.05	<0.05	<0.001	31.97	419.1	0.01	0.01
44049		1.16	14.70	278	5.69	8.711	31.30	916.8	5.87	5.51
44050		0.12							20.6	
44051		1.84	1.45	1.22	1.46	0.034	27.85	1046.0	1.47	1.45
44052		1.70	0.97	1.58	0.95	0.065	41.21	1049.0	0.97	0.93
44053		1.74	2.99	6.98	2.82	0.289	41.42	968.2	2.88	2.75
44054		0.76	3.11	3.21	3.11	0.058	18.09	543.0	3.09	3.12
44055		1.98	3.91	5.34	3.87	0.146	27.36	974.9	3.86	3.88
44056		0.40	1.36	1.06	1.38	0.016	15.08	201.5	1.41	1.35
44057		1.56	0.15	0.13	0.16	0.004	29.70	973.4	0.18	0.13
44058		1.12	7.38	6.60	7.41	0.254	38.50	860.9	7.46	7.36
44065		1.96	0.94	9.75	0.73	0.242	24.82	1057.5	0.77	0.69
44066		2.02	4.28	38.5	2.50	1.923	49.92	963.0	2.47	2.53
44067		1.68	0.34	1.26	0.30	0.059	46.77	995.6	0.26	0.34
44068		2.20	16.20	34.2	15.50	1.394	40.71	1032.0	15.70	15.25
44069		2.22	0.77	1.18	0.76	0.041	34.85	990.7	0.77	0.74
44070		0.12							14.50	
44071		0.96	0.81	1.11	0.81	0.016	14.47	693.5	0.81	0.80
44072		1.00	0.90	1.02	0.90	0.022	21.58	744.9	0.90	0.90
44073		1.46	0.52	0.41	0.52	0.014	34.47	1051.5	0.53	0.51
44074		1.78	0.36	0.26	0.36	0.007	26.47	1010.5	0.36	0.36
44075		1.64	2.48	30.5	1.40	1.226	40.18	1042.0	1.52	1.28
44076		1.46	2.41	11.35	2.07	0.455	40.11	1033.0	1.99	2.14
44077		1.50	3.13	3.05	3.13	0.066	21.67	986.7	3.04	3.22
44078		0.52	3.05	36.4	1.81	0.364	10.00	268.8	1.79	1.82
44079		0.30	0.14	<0.05	0.14	<0.001	1.28	91.0	0.14	0.14
44080		0.12							4.99	
44081		1.02	0.78	1.35	0.77	0.025	18.57	746.0	0.72	0.82
44082		0.48	0.60	0.92	0.59	0.004	4.35	234.3	0.59	0.59
44083		1.82	0.96	1.07	0.96	0.029	27.14	1024.0	0.94	0.97
44084		1.22	1.49	1.52	1.49	0.027	17.73	949.6	1.44	1.54



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 6-AUG-2004

Account: CUSGOL

CERTIFICATE VA04048430

Project: Table Mountain

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 27-JUL-2004.

The following have access to data associated with this certificate:

M. GLOVER

LEA HOMRIG

LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 6-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048430

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
		0.02	0.05	5
44087		1.84	0.14	<5
44088		1.58	<0.05	<5
44089		1.58	0.33	<5
44090		0.08	20.9	<5
44091		0.34	<0.05	<5
44116		0.76	<0.05	<5
44117		0.98	<0.05	5
44118		0.60	<0.05	<5
44119		1.42	<0.05	<5
44120		0.06	5.05	<5



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Finalized Date: 8-AUG-2004
 Account: CUSGOL

CERTIFICATE VA04050610

Project: Table Mountain
 P.O. No.:
 This report is for 63 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2004.
 The following have access to data associated with this certificate:

GUILFORD BRETT LESLEY HUNT	M. GLOVER	LEA HOMRIG
-------------------------------	-----------	------------

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 3 (A)
Finalized Date: 8-AUG-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04050610

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
44133		0.82	<5
44134		0.07	<5
44135		0.79	<5
44136		0.28	<5
44137		1.51	<5
44138		0.10	<5
44139		0.56	<5
44140		4.58	<5
44141		0.10	<5
44142		0.20	<5
44143		3.35	<5
44144		0.42	<5
44145		<0.05	<5
44146		0.37	<5
44147		0.25	<5
44148		0.13	<5
44149		0.07	<5
44150		20.4	<5
44151		0.11	<5
44152		<0.05	<5
44153		<0.05	<5
44154		<0.05	<5
44155		<0.05	<5
44156		<0.05	<5
44157		<0.05	<5
44158		<0.05	<5
44159		<0.05	<5
44160		15.15	<5
44161		<0.05	<5
44162		<0.05	<5
44163		<0.05	<5
44164		0.14	<5
44165		0.45	<5
44177		0.30	<5
44178		0.18	<5
44179		0.34	<5
44180		20.9	<5
44181		1.33	<5
44182		0.31	<5
44183		<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Finalized Date: 8-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04050610

Sample Description	Method Analyte Units LOR	ME-GRA21	ME-GRA21
		Au ppm 0.05	Ag ppm 5
44184		0.31	<5
44185		0.07	<5
44186		0.65	<5
44187		22.5	5
44188		0.32	<5
44189		0.76	<5
44190		20.4	<5
44191		19.35	<5
44192		16.75	5
44193		38.3	7
44194		24.6	27
44195		142.0	144
44196		106.0	88
44197		1.22	<5
44198		0.22	<5
44199		0.87	<5
44200		15.50	<5
44201		1.89	5
44202		<0.05	<5
44203		<0.05	<5
44204		<0.05	<5
44205		<0.05	<5
44206		1.15	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 10-AUG-2004

Account: CUSGOL

CERTIFICATE VA04048087

Project: Table Mountain

P.O. No.:

This report is for 67 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-JUL-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

10: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 2 - A
Total # Pages: 3 (A)
Finalized Date: 10-AUG-2004
Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048087

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg 0.02	Au ppm 0.05	Ag ppm 5
43985		1.80	<0.05	<5
43986		1.66	<0.05	<5
43987		1.60	<0.05	<5
43988		0.86	0.13	<5
43989		1.50	<0.05	<5
43990		0.08	NSS	NSS
43991		1.34	<0.05	<5
43992		0.40	4.56	<5
43993		1.34	<0.05	<5
43994		1.52	1.28	<5
43995		1.30	1.95	<5
43996		1.54	<0.05	<5
43997		1.44	<0.05	<5
43998		1.02	<0.05	<5
43999		1.04	<0.05	<5
44000		0.08	20.8	<5
44001		1.14	1.53	<5
44002		1.06	<0.05	<5
44003		1.12	<0.05	<5
44004		1.22	<0.05	<5
44005		1.06	<0.05	<5
44006		1.44	0.44	<5
44007		1.24	0.66	<5
44008		1.66	0.39	<5
44012		0.70	0.11	<5
44013		0.78	0.13	<5
44014		1.24	0.30	<5
44015		0.84	<0.05	<5
44016		1.10	0.61	<5
44017		1.04	0.39	<5
44018		1.88	0.53	<5
44019		1.46	0.48	<5
44020		0.08	4.96	<5
44021		1.32	0.44	<5
44022		1.34	0.11	<5
44023		1.12	<0.05	<5
44024		1.46	0.23	<5
44025		0.98	0.35	<5
44026		1.10	<0.05	<5
44027		1.12	0.51	<5

Comments: NSS is non-sufficient sample.



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

10: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 3 - A
 Total # Pages: 3 (A)
 Finalized Date: 10-AUG-2004
 Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04048087

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt.	Au	Ag
		kg	ppm	ppm
		0.02	0.05	5
44028		1.56	1.19	<5
44029		0.98	1.53	<5
44030		0.08	15.05	<5
44031		1.50	2.83	<5
44032		1.46	0.65	<5
44033		1.34	0.77	<5
44034		1.46	0.96	<5
44035		1.42	0.36	<5
44036		1.14	0.57	<5
44037		1.20	0.67	<5
44038		1.34	0.35	<5
44039		2.06	0.42	<5
44040		0.08	20.7	<5
44041		2.12	3.44	<5
44042		1.72	0.44	<5
44043		1.56	1.89	<5
44044		1.78	0.30	<5
44045		0.50	1.14	8
44046		1.50	0.28	<5
44059		1.36	0.85	<5
44060		0.08	5.10	<5
44061		0.80	1.39	<5
44062		1.42	6.15	<5
44063		1.50	7.42	<5
44064		1.42	6.14	<5
44085		0.86	<0.05	<5
44086		0.66	1.84	<5

Comments: NSS is non-sufficient sample.



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 11-AUG-2004

Account: CUSGOL

CERTIFICATE VA04050419

Project: Table Mountain

P.O. No.:

This report is for 63 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2004.

The following have access to data associated with this certificate:

M. GLOVER

LEA HOMRIG

LESLEY HUNT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-24	Pulp Login - Rcd w/o Barcode
BAG-01	Bulk Master for Storage
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: _____



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 3 (A)

Finalized Date: 11-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04050419

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
		kg 0.02	ppm 0.05	ppm 0.05	ppm 0.05	mg 0.001	g 0.01	g 0.1	ppm 0.01	ppm 0.01
44133		1.84	0.92	1.41	0.91	0.032	22.70	911.3	0.95	0.86
44134		1.82	0.05	0.05	0.05	0.002	42.60	940.3	0.04	0.05
44135		0.64	0.59	0.40	0.60	0.005	12.45	368.8	0.54	0.65
44136		1.50	0.34	<0.05	0.35	<0.001	5.91	1064.5	0.33	0.36
44137		1.42	0.98	2.74	0.92	0.088	32.13	976.6	0.88	0.96
44138		1.56	0.16	0.21	0.16	0.009	42.76	941.0	0.16	0.15
44139		1.50	0.89	2.42	0.82	0.100	41.36	970.2	0.77	0.87
44140		0.12						4.93		
44141		1.90	0.72	9.66	0.37	0.379	39.23	989.7	0.39	0.34
44142		1.14	0.22	0.27	0.22	0.011	41.02	826.6	0.21	0.22
44143		1.68	3.14	25.3	3.12	0.021	0.83	1039.5	3.14	3.10
44144		0.90	0.46	<0.05	0.46	<0.001	4.85	635.0	0.45	0.47
44145		0.56	0.16	<0.05	0.16	<0.001	0.68	267.2	0.15	0.17
44146		1.68	0.36	0.40	0.36	0.017	42.70	1009.5	0.35	0.36
44147		1.40	0.27	0.18	0.27	0.005	27.19	963.7	0.27	0.27
44148		1.56	0.41	0.44	0.41	0.006	13.58	994.2	0.34	0.48
44149		1.06	0.08	<0.05	0.08	<0.001	29.70	919.8	0.10	0.06
44150		0.12						20.8		
44151		1.36	0.18	0.16	0.18	0.005	30.97	1040.5	0.19	0.17
44152		1.28	<0.05	<0.05	<0.05	<0.001	41.84	947.9	0.01	<0.01
44153		0.34	<0.05	<0.05	<0.05	<0.001	33.44	862.0	0.02	0.01
44154		0.98	<0.05	<0.05	<0.05	<0.001	0.65	692.6	<0.01	<0.01
44155		1.26	<0.05	<0.05	<0.05	<0.001	42.77	927.7	0.02	<0.01
44156		1.16	<0.05	<0.05	<0.05	<0.001	12.38	885.0	<0.01	<0.01
44157		1.10	<0.05	<0.05	<0.05	<0.001	25.25	836.0	0.01	<0.01
44158		1.04	<0.05	<0.05	<0.05	<0.001	4.23	770.2	0.03	0.04
44159		1.20	<0.05	<0.05	<0.05	<0.001	34.09	902.1	<0.01	<0.01
44160		0.12						15.00		
44161		1.16	<0.05	<0.05	<0.05	<0.001	12.39	895.0	0.01	<0.01
44162		1.16	<0.05	<0.05	<0.05	<0.001	42.83	864.0	<0.01	<0.01
44163		1.50	<0.05	<0.05	<0.05	<0.001	38.29	1060.5	0.03	0.02
44164		1.60	0.16	0.14	0.17	0.006	41.84	941.5	0.16	0.17
44165		2.54	0.38	0.37	0.39	0.016	42.99	995.0	0.39	0.38
44177		2.42	0.28	<0.05	0.28	<0.001	8.10	1067.0	0.28	0.28
44178		1.70	0.20	<0.05	0.20	<0.001	2.66	1067.0	0.16	0.24
44179		1.94	0.78	27.4	0.44	0.370	13.51	1051.0	0.43	0.45
44180		0.12						20.9		
44181		1.54	1.70	121.0	1.05	0.640	5.28	969.5	1.12	0.97
44182		1.00	0.29	0.16	0.30	0.002	12.33	660.2	0.27	0.32
44183		0.90	0.05	<0.05	0.05	<0.001	18.95	587.2	0.04	0.06



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 3 - A

Total # Pages: 3 (A)

Finalized Date: 11-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04050419

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
		Recvd Wt. kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
44184		0.78	0.34	0.37	0.34	0.016	42.69	440.0	0.34	0.34
44185		0.62	0.15	<0.05	0.15	<0.001	1.45	359.1	0.15	0.15
44186		0.82	0.44	0.49	0.44	0.002	4.09	576.7	0.46	0.42
44187		0.94	20.3	301	12.50	5.416	18.01	650.4	12.60	12.40
44188		1.50	0.42	1.47	0.39	0.043	29.21	1047.0	0.38	0.40
44189		0.70	0.54	0.69	0.54	0.010	14.59	404.7	0.69	0.38
44190		0.12							20.4	
44191		0.98	25.4	123.5	18.90	5.258	42.56	640.0	18.35	19.45
44192		0.76	9.44	163.5	3.75	2.720	16.66	450.3	3.46	4.03
44193		1.12	25.9	778	7.25	15.828	20.35	821.3	7.34	7.16
44194		0.92	35.4	312	24.8	7.628	24.41	637.6	25.0	24.5
44195		1.20	88.9	812	55.2	33.642	41.42	888.6	54.4	56.0
44196		0.80	91.3	926	44.3	28.286	30.55	541.4	44.3	44.2
44197		1.36	0.61	1.07	0.60	0.045	42.10	1001.0	0.62	0.57
44198		0.68	0.18	<0.05	0.20	<0.001	41.42	336.7	0.21	0.19
44199		2.52	0.87	1.05	0.86	0.045	42.95	993.9	0.87	0.85
44200		0.12							15.10	
44201		1.86	1.90	1.88	1.90	0.079	41.95	971.4	1.87	1.93
44202		1.20	<0.05	<0.05	<0.05	<0.001	41.71	847.2	0.03	0.04
44203		1.14	0.10	0.73	0.09	0.013	17.81	869.6	0.14	0.04
44204		1.00	<0.05	<0.05	<0.05	<0.001	17.77	712.8	0.03	0.03
44205		0.68	0.11	<0.05	0.11	<0.001	14.76	395.0	0.11	0.11
44206		1.20	1.19	8.46	0.91	0.294	34.74	887.8	0.98	0.84



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
911 - 470 GRANVILLE ST
VANCOUVER BC V6C 1V5

Page: 1
Finalized Date: 19-AUG-2004
This copy reported on 27-AUG-2004
Account: CUSGOL

CERTIFICATE VA04052254

Project: Table Mountain
P.O. No.: 14
This report is for 7 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 9-AUG-2004.
The following have access to data associated with this certificate:

GUILFORD BRETT LESLEY HUNT	M. GLOVER	LEA HOMRIG
-------------------------------	-----------	------------

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 19-AUG-2004

Account: CUSGOL

Project: Table Mountain

CERTIFICATE OF ANALYSIS VA04052254

Sample Description	Method Analyte Units LOR	WEI-21	ME-GRA21	ME-GRA21
		Recvd Wt. kg 0.02	Au ppm 0.05	Ag ppm 5
44207		1.12	<0.05	5
44208		1.38	0.53	6
44209		0.70	0.14	<5
44210		0.08	20.4	6
44211		0.28	0.13	<5
44212		0.42	<0.05	<5
44213		1.58	<0.05	<5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.

911 - 470 GRANVILLE ST

VANCOUVER BC V6C 1V5

Page: 1

Finalized Date: 19-AUG-2004

This copy reported on 27-AUG-2004

Account: CUSGOL

CERTIFICATE VA04050418

Project: Table Mountain

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2004.

The following have access to data associated with this certificate:

GUILFORD BRETT
LESLEY HUNT

M. GLOVER

LEA HOMRIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
ATTN: LESLEY HUNT
BOX A2
JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: CUSAC GOLD MINES LTD.
 911 - 470 GRANVILLE ST
 VANCOUVER BC V6C 1V5

Page: 1
 Finalized Date: 19-AUG-2004
 This copy reported on 27-AUG-2004
 Account: CUSGOL

CERTIFICATE VA04050418

Project: Table Mountain
 P.O. No.:
 This report is for 23 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2004.
 The following have access to data associated with this certificate:

GUILFORD BRETT LESLEY HUNT	M. GLOVER	LEA HOMRIG
-------------------------------	-----------	------------

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM

To: CUSAC GOLD MINES LTD.
 ATTN: LESLEY HUNT
 BOX A2
 JADE CITY BC V0C 1E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 