

Maxxam Job #: B0A5841
Report Date: 2010/08/30
This report supersedes all previous reports v

BARRICK GOLD CORPORATION
Client Project #: Cullaton Lake
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID			GT1067		GT1068		GT1069	GT1070		GT1071	GT1072		GT1073	GT1074
Sampling Date			8/4/2010		8/4/2010		8/4/2010	8/4/2010		8/4/2010	8/4/2010		8/4/2010	8/4/2010
COC Number			203706-0		203706-0		203706-0	203706-0		203706-0	203706-0		203706-0	203706-0
	Units	Criteria	940-2A	QC Batch	940-2B	QC Batch	940-3A	940-3B	QC Batch	940-18A	940-18B	QC Batch	940-19A	940-19B
Calculated Parameters														
Hardness (CaCO3)	mg/L	-	230	2227781	230	2227781	99	98	2227781	220	220	2227781	230	230
Inorganics														
pH	pH	6.5-8.5	7.8	2249068	7.9	2249068	8.2	8.0	2230764	8.7	8.9	2229927	7.9	7.9
Total Suspended Solids	mg/L	-	1	2229756	ND	2229756	13	11	2229756	ND	ND	2229756	3	4
Dissolved Sulphate (SO4)	mg/L	-	210	2229952	210	2231015	31	32	2231015	200	200	2229952	210	210
Total Cyanide (CN)	mg/L	-	ND	2230109	ND	2230109	ND	ND	2230109	0.006	0.006	2230109	ND	ND

ND = Not detected
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
Criteria: ONTARIO PROVINCIAL WATER QUALITY OBJECTIVES
Ref. to MOEE Water Management document dated Feb.1999

	GT1075		GT1076		GT1077	GT1078	GT1079	GT1080		
	8/4/2010		8/4/2010		8/4/2010	8/4/2010	8/4/2010	8/4/2010		
	203706-0		203706-0		203706-0	203706-0	203706-0	203706-0		
QC Batch	940-20A	QC Batch	940-20B	QC Batch	940-23A	940-23B	SHEAR CREEK A	SHEAR CREEK B	RDL	QC Batch
2227781	230	2227781	230	2227781	110	110	14	14	1	2227781
2249068	8.7	2229927	8.9	2229927	8.0	8.0	6.9	6.8		2249068
2229756	1	2230035	2	2229756	3	2	2	1	1	2229756
2229952	170	2229952	170	2229952	39	39	7	7	1	2229952
2230109	ND	2230109	ND	2230109	ND	ND	ND	ND	0.005	2230109