

Project	CULLATON LAKE
Report To	PAUL BRUGGER, Barrick Gold Corp.~TB
ALS File No.	L1502329
Date Received	14-Aug-14 11:38
Date	10-Mar-15

RESULTS OF ANALYSIS

	TAILINGS POND NO 1 AT DISCHARGE 940 2A	TAILINGS POND NO 2 940 3A NO 2 940 3A	TAILINGS POND NO 1 AT SPILLWAY 940 18A	TAILINGS POND NO 1 AT PIEZOMETER 940 19A
Sample ID				
Date Sampled	12-AUG-14	12-AUG-14	12-AUG-14	12-AUG-14
Time Sampled	12:41	15:05	13:10	15:30
ALS Sample ID	L1502329-1	L1502329-2	L1502329-3	L1502329-4
Matrix	Water	Water	Water	Water
Physical Tests				
pH	8.25	8.56	8.69	8.19
Total Suspended Solids	<2.0	<2.0	<2.0	<2.0
Cyanides				
Cyanide, Total	<0.0020	<0.0020	0.0022	<0.0020
Total Metals				
Arsenic (As)-Total	0.0023	0.0044	0.0055	0.0023
Copper (Cu)-Total	0.0018	0.0046	0.0026	0.0013
Iron (Fe)-Total	0.020	0.180	0.177	0.020
Lead (Pb)-Total	<0.0010	<0.0010	<0.0010	<0.0010
Mercury (Hg)-Total	<0.000010	<0.000010	<0.000010	<0.000010
Nickel (Ni)-Total	<0.0020	0.0048	<0.0020	<0.0020
Zinc (Zn)-Total	<0.0030	<0.0030	<0.0030	<0.0030

TAILINGS POND NO 1 SEEPAGE AT EAST SIDE 940 20A 12-AUG-14 16:05 L1502329-5 Water	QUARRY PIT 940 23A 12-AUG-14 14:30 L1502329-6 Water	SHEAR CREEK 12-AUG-14 11:55 L1502329-7 Water	TAILINGS POND NO 1 AT DISCHARGE 940 2B 12-AUG-14 12:41 L1502329-8 Water	TAILINGS POND NO 2 940 3B 12-AUG-14 15:05 L1502329-9 Water	TAILINGS POND NO 1 AT SPILLWAY 940 18B 12-AUG-14 13:10 L1502329-10 Water	TAILINGS POND NO 1 PIEZOMETER 940 19B 12-AUG-14 15:30 L1502329-11 Water
9.14 <2.0	8.26 <2.0	6.55 <2.0	8.24 <2.0	8.51 <2.0	8.68 <2.0	8.28 <2.0
<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0022	<0.0020
0.0042 0.0040 0.132 <0.0010 <0.000010 0.0041 0.0036	0.0033 0.0024 0.060 <0.0010 <0.000010 0.0034 0.0140	<0.0010 0.0029 0.997 <0.0010 <0.000010 0.0038 <0.0030	0.0024 0.0013 0.024 <0.0010 <0.000010 <0.0020 <0.0030	0.0046 0.0045 0.182 <0.0010 <0.000010 0.0049 0.0053	0.0055 0.0022 0.176 <0.0010 <0.000010 <0.0020 <0.0030	0.0024 0.0012 <0.020 <0.0010 <0.000010 <0.0020 <0.0030

TAILINGS POND	
NO 1 AT	
SEEPAGE AT	
EAST SIDE 940	QUARRY PIT 940
20B	23B
12-AUG-14	12-AUG-14
14:05	14:30
L1502329-12	L1502329-13
Water	Water
9.13	8.23
<2.0	<2.0
<0.0020	<0.0020
0.0042	0.0031
0.0039	0.0022
0.133	0.060
<0.0010	<0.0010
<0.000010	<0.000010
0.0040	0.0030
0.0034	0.0129