

Sunnyside Gold Corporation-Sunnyside Mine/Mayflower Mill
MLR Report
Site: AR 3.5
GPS Coordinates: N37° 49.622' W107°37.596'

Station	Sampledate	Estimated Qmgd	Qmgd	Fieldph	labcond	mg/l TDS(180)	mg/l TSS	mg/l Alk	mg/l Hard	mg/l Hard	mg/l Bicarb	mg/l Sulfate	mg/l CO3	mg/l NO3&NO2	mg/l NH3-N
Mean				7.1	248.4	169.9	2.5	31.4	115.9		38.2	80.9		0.2	
Std dev				0.6	62.8	49.9	5.0	14.0	30.2		6.7	26.4		0.3	
AR3.5	01-May-15	nd	6.9	224		130	<5	35	96		43	60	<5	0.14	<0.1
AR3.5	09-Sep-15	nd	6.3	325		210	<5	40	130		48	100	<5	0.09	<0.1
AR3.5	23-May-16	nd	6.3	151		100	<10	27	62		33	40	<5	0.12	<0.1
AR3.5	01-Sep-16	nd	6.4	271		180	<5	33	121		41	90	<5	<0.1	<0.1
AR3.5	31-May-17	nd	6.1	133		100	6	28	57		34	30	<5	0.07	<0.1
AR3.5	05-Sep-17	nd	6.9	296		180	<5	37	126		45	90	<5	<0.05	<0.1

*

A-3

Mean	0.505	0.001								0.00	0.06	0.94	0.42	0.51
Std dev	0.359	0.002								0.00	0.05	0.54	0.20	0.28
Station	Sampledate	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
AR4	01-May-15	Fl	dCd	dHg	dPb	dAg	dAl	dCrT	dCu	dFe	dMn	dSr	dZn	
AR4	09-Sep-15	0.4	0.001	<0.001	<0.005	<0.01	0.06	<0.01	0.009	0.1	0.75		0.35	
AR4	23-May-16	0.5	<0.001	<0.001	<0.005	<0.01	<0.01	<0.005	0.16	1.05			0.36	
AR4	01-Sep-16	0.3	<0.001	<0.001	<0.005	<0.01	0.08	<0.01	0.009	0.08	0.34	0.21	0.27	
AR4	31-May-17	0.5	<0.001	<0.001	<0.005	<0.01	0.06	<0.01	<0.005	0.11	1.02	0.36	0.27	
AR4	05-Sep-17	0.2	<0.001	<0.001	<0.005	<0.01	0.07	<0.01	0.007	0.07	0.34	0.17	0.26	
AR4		0.6	0.001	<0.001	<0.005	<0.01	0.07	<0.01	<0.005	0.15	0.94	0.45	0.25	

Sunnyside Gold Corporation
Sunnyside Mine/Mayflower Mill
MLR Report
Site: CC1
GPS Coordinates: N37° 53.525' W107° 38.921'

SAMPLE SITE	Sampledate	Qmgd	FieldpH	labcond	TDS(180)	TSS	Ac	Hard	NO3&NO2	NH3	FI	P	CL	sulfate	Ca	Mg	K	Na
CC-1	01-May-15		3.6	9	570	26	53	292.0	<0.05	<0.1	1.6		<5	350	104	8	2	10
CC-1	15-Sep-15		4.0	1870	1580	48	139	827.0	<0.05	0.3	4.3		<5	930	298	21	2	10
CC-1	23-May-16		3.25	310	190	10	24	90	0.08	<0.1	0.6	<0.1	<5	120	32	3	<1	1
CC-1	01-Sep-16		3.75	870	660	20	43	358	<0.05	<0.1	1.6	<0.1	<5	390	127	10	6	3
CC-1	31-May-17		3.83	259	170	11	19	77	<0.05	<0.1	0.50	<0.1	<5	90	27	2	<1	3
CC-1	05-Sep-17		4.69	1240	1070	25	74	547	<0.05	<0.1	2.9	<0.1	<5	640	199	12	1	18

SAMPLE SITE	Sampledate	dAl	dAs	dB	dCd	dCr	dCu	dFe	dPb	dMn	dHg	dSe	dAg	dSr	dZn
CC-1	01-May-15	3.43	<0.005		0.011	<0.01	0.215	13.5	0.013	7.22	<0.001	<0.005	<0.01		4.84
CC-1	15-Sep-15	9.16	<0.005		0.034	<0.01	1.61	18.3	0.013	19.5	<0.001	<0.005	<0.01		14
CC-1	23-May-16	1.58	<0.005	<0.01	0.006	<0.01	0.146	3.27	0.009	1.89	<0.001	<0.005	<0.01	0.31	1.83
CC-1	01-Sep-16	2.71	<0.005	<0.01	0.014	<0.01	0.138	10.3	0.012	9.05	<0.001	<0.005	<0.01	1.16	4.32
CC-1	31-May-17	1.25	<0.005	<0.03	0.004	<0.01	0.114	2.2	0.008	1.59	<0.001	<0.005	<0.01	0.22	1.77
CC-1	05-Sep-17	3	<0.005	<0.03	0.012	<0.01	0.113	19.9	0.019	12.4	<0.001	<0.005	<0.01	2.16	6.72

GPS Coordinates: N37° 53.400 W107° 39.160°

A-7

Station	Sampledate	mg/L CL	mg/l Fl	mg/l das	mg/l dCd	mg/l dHg	mg/l dPb	mg/l dAg	mg/l dAl	mg/l dCrT	mg/l dCu	mg/l dFe	mg/l dMn	mg/l dSr	mg/l dZn
CC2	01-May-15	<5	1.9	<0.005	0.019	<0.001	0.018	<0.01	4.49	<0.01	0.279	16.4	20.9		7.22
CC2	09-Sep-15	<5	4.3	<0.005	0.034	<0.001	0.022	<0.01	9.36	<0.01	1.58	20.5	20.9	0.52	14.4
CC2	23-May-16	<5	0.9	<0.005	0.009	<0.001	0.017	<0.01	2.24	<0.01	0.175	4.48	3.85		2.72
CC2	01-Sep-16	<5	1.7	<0.005	0.014	<0.001	0.022	<0.01	3.34	<0.01	0.16	12.2	11.4	1.37	5.31
CC2	31-May-17	<5	0.7	<0.005	0.005	<0.001	0.012	<0.01	1.45	<0.01	0.107	2.84	2.57	0.33	2.03
CC2	05-Sep-17	<5	4.9	<0.005	0.016	<0.001	<0.005	<0.01	2.56	<0.01	0.397	15.1	15.5	3.46	6.74