6000 1887

Mining District File Summary Sheet

DISTRICT	Rosebud
DIST_NO	4010
COUNTY If different from written on document	Pershing
TITLE If not obvious	Rosebud – Drill Metallic Screen Assays; Aug 1990
AUTHOR	Grondin R; Brewer N; Fecheo, G
DATE OF DOC(S)	1990
MULTI_DIST Y / N? Additional Dist_Nos:	
QUAD_NAME	Sulphur 7½'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud project South Equinox Area
COMMODITY If not obvious	gold; silver
NOTES	Assays; handwritten notes 47p.

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

SS: DP 9/9/08
Initials Date
DB:
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

URBD 70309 DRILL
METALLIC SCREEN ASSAYS, AUG/90

6000 1887 4010

Prep QA/QC
books good

ROSEBUD PROJECT - SOUTH EQUINOX AREA
MET SCREEN ASSAY COMPARISON CHART
8/6/90

HOLE-ID	FROM	TO	WIDTH	FA/AA-1	PULP #1 (GSI) FA/AA-2	FA-GRAV	PULP #2 (BARR) FA/AA	AU AVG	MET SCREEN	% VAR	AVG VAR
0.001-0.049 OPT											
RL-61	700	705	5	0.006	0.005	0.006		0.006	0.031	447	
RL-61	730	735	5	0.084	0.004			0.044	0.051	16	
RL-61	735	740	5	0.010	0.006			0.008	0.025	213	
RL-61	740	745	5	0.005	0.013			0.009	0.067	644	
RL-61	745	750	5	0.005	0.006			0.006	0.013	136	
RL-61	750	755	5	0.017	0.013	0.016		0.015	0.023	50	
RL-82C	634	639	5	0.002				0.002	0.005	150	
RL-82C	639	644	5	0.004				0.004	0.007	75	
RL-82C	674	677	3	0.018				0.018	0.011	-39	
RL-82C	682	685	3	0.024				0.024	0.036	50	
RL-82C	685	688	3	0.012				0.012	0.012	0	
RL-82C	688	693	5	0.001				0.001	0.009	800	
RL-82C	693	698	5	0.002				0.002	0.007	250	
RL-82C	698	703	5	0.017				0.017	0.021	24	
RL-89C	1058	1062	4	0.013				0.013	0.060	362	212
0.050-0.099 OPT											
RL-61	710	715	5	0.083	0.067	0.025		0.058	0.015	-74	
RL-82C	654	659	5	0.059				0.059	0.069	17	-29
0.100-0.299 OPT											
RL-61	705	710	5	0.210	0.048	0.059		0.106	0.124	17	
RL-72C	542	546	4	0.342	0.164	0.021		0.176	0.024	-86	
RL-82C	659	664	5	0.202		0.188		0.195	0.174	-11	
RL-82C	664	669	5	0.236		0.335		0.286	0.226	-21	
RL-89C	1062	1066	4	0.176				0.176	0.075	-57	
RL-89C	1066	1067	1	0.123				0.123	0.078	-37	
RL-89C	1077	1082	5	0.223				0.223	0.117	-48	-35
0.300-0.499 OPT											
RL-41C	474	478	4	0.435		0.451	0.318	0.401	0.318	-21	
RL-57	550	555	5	0.282		0.319		0.301	0.272	-9	
RL-57	550	555 A	5	0.260		0.461		0.361	0.273	-24	
RL-57	570	575	5	0.508		0.475		0.492	0.446	-9	
RL-89C	1054	1058	5	0.453	0.339			0.396	0.836	111	
RL-82C	644	649	5	0.337				0.337	0.288	-15	
RL-82C	669	674	5	0.400		0.490		0.445	0.443	-0	5
0.500-0.999 OPT											
RL-57	555	560	5	0.824		1.027		0.926	1.425	54	
RL-57	570	575 A	5	0.520		0.596		0.558	0.787	41	
RL-89C	1067	1072	5	0.891	1.036			0.964	0.850	-12	
RL-89C	1082	1087	5	0.573	0.703			0.638	0.308	-52	8
> 1.0 OPT											
RL-41C	478	483	5	1.610		1.895	1.022	1.509	0.965	-36	
RL-57	555	560 A	5	1.090		1.844		1.467	0.943	-36	
RL-57	560	565	5	1.335		1.991		1.663	1.897	14	
RL-57	560	565 A	5	1.740		2.508		2.124	1.161	-45	

RL-57	565	570		5	1.060		1.092	1.076	1.502	40	
RL-57	565	570	A	5	1.550		1.415	1.483	0.670	-55	
RL-82C	677	682		5	2.190		2.657	2.424	1.579	-35	
RL-89C	1072	1077		5	1.350	1.400		1.375	1.100	-20	-22

6000 1887 4010

MET. SCREENS

ROSEBUD PROJECT - SOUTH EQUINOX AREA
MET SCREEN ASSAY COMPARISON CHART
8/6/90

HOLE-ID	FROM	TO	WIDTH	PULP #1 (GSI) FA/AA-1	FA/AA-2	FA-GRAV	PULP #2 (BARR) FA/AA	AU AVG	MET SCREEN	% VAR
RL-41C	474	478	4	0.435		0.451	0.318	0.401	0.318	-21
	478	483	5	1.610		1.895	1.022	1.509	0.965	-36
RL-57	550	555	5	0.282		0.319		0.301	0.272	-9
	550	555 A	5	0.260		0.461		0.361	0.273	-24
	555	560	5	0.824		1.027		0.926	1.425	54
	555	560 A	5	1.090		1.844		1.467	0.943	-36
	560	565	5	1.335		1.991		1.663	1.897	14
	560	565 A	5	1.740		2.508		2.124	1.161	-45
	565	570	5	1.060		1.092		1.076	1.502	40
	565	570 A	5	1.550		1.415		1.483	0.670	-55
	570	575	5	0.508		0.475		0.492	0.446	-9
	570	575 A	5	0.520		0.596		0.558	0.787	41
RL-61	700	705	5	0.006	0.005	0.006		0.006	0.031	447
	705	710	5	0.210	0.048	0.059		0.106	0.124	17
	710	715	5	0.083	0.067	0.025		0.058	0.015	-74
	730	735	5	0.084	0.004			0.044	0.051	16
	735	740	5	0.010	0.006			0.008	0.025	213
	740	745	5	0.005	0.013			0.009	0.067	644
	745	750	5	0.005	0.006			0.006	0.013	136
	750	755	5	0.017	0.013	0.016		0.015	0.023	50
RL-72C	542	546	4	0.342	0.164	0.021	(0.043)	0.176	0.024	-86
RL-82C	634	639	5	0.002				0.002	0.005	150
	639	644	5	0.004				0.004	0.007	75
	644	649	5	0.337				0.337	0.288	-15
	649	654	5	0.014				0.014		
	654	659	5	0.059				0.059	0.069	17
	659	664	5	0.202		0.188		0.195	0.174	-11
	664	669	5	0.236		0.335		0.286	0.226	-21
	669	674	5	0.400		0.490		0.445	0.443	-0
	674	677	3	0.018				0.018	0.011	-39
	677	682	5	2.190		2.657		2.424	1.579	-35
	682	685	3	0.024				0.024	0.036	50
	685	688	3	0.012				0.012	0.012	0
	688	693	5	0.001				0.001	0.009	800
	693	698	5	0.002				0.002	0.007	250
	698	703	5	0.017				0.017	0.021	24
RL-89C	1054	1058	5	0.453	0.339			0.396	0.836	111
	1058	1062	4	0.013				0.013	0.060	362
	1062	1066	4	0.176				0.176	0.075	-57
	1066	1067	1	0.123				0.123	0.078	-37
	1067	1072	5	0.891	1.036			0.964	0.850	-12
	1072	1077	5	1.350	1.400			1.375	1.100	-20
	1077	1082	5	0.223				0.223	0.117	-48
	1082	1087	5	0.573	0.703			0.638	0.308	-52

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ROSEBUD PROJECT - SOUTH EQUINOX AREA
MET SCREEN ASSAY COMPARISON CHART
8/6/90 .... RE-CALCULATED 2/1/91

HOLE-ID	FROM	TO	WIDTH	PULP #1 (GSI) FA/AA-1	FA/AA-2	FA-GRAV	PULP #2 (BARR) FA/AA	AU AVG	GSI MET SCREEN	% VAR
RL-41C	474	478	4	0.435		0.451	0.318	0.401	0.600	50
	478	483	5	1.610		1.895	1.022	1.509	1.751	16
RL-57	550	555	5	0.282		0.319		0.301	0.426	42
	550	555 A	5	0.260		0.461		0.361	0.423	17
	555	560	5	0.824		1.027		0.926	1.852	100
	555	560 A	5	1.090		1.844		1.467	1.231	-16
	560	565	5	1.335		1.991		1.663	2.441	47
	560	565 A	5	1.740		2.508		2.124	1.510	-29
	565	570	5	1.060		1.092		1.076	2.014	87
	565	570 A	5	1.550		1.415		1.483	0.931	-37
	570	575	5	0.508		0.475		0.492	0.682	39
	570	575 A	5	0.520		0.596		0.558	1.168	109
RL-61	700	705	5	0.006	0.005	0.006		0.006	0.060	959
	705	710	5	0.210	0.048	0.059		0.106	0.193	83
	710	715	5	0.083	0.067	0.025		0.058	0.019	-67
	730	735	5	0.084	0.004			0.044	0.095	116
	735	740	5	0.010	0.006			0.008	0.046	475
	740	745	5	0.005	0.013			0.009	0.123	1267
	745	750	5	0.005	0.006			0.006	0.026	373
	750	755	5	0.017	0.013	0.016		0.015	0.043	180
RL-72C	542	546	4	0.342	0.164	0.021 (0.043)		0.176	0.048	-73
RL-82C	634	639	5	0.002				0.002		
	639	644	5	0.004				0.004		
	644	649	5	0.337				0.337		
	649	654	5	0.014				0.014		
	654	659	5	0.059				0.059		
	659	664	5	0.202		0.188		0.195		
	664	669	5	0.236		0.335		0.286		
	669	674	5	0.400		0.490		0.445		
	674	677	3	0.018				0.018		
	677	682	5	2.190		2.657		2.424		
	682	685	3	0.024				0.024		
	685	688	3	0.012				0.012		
	688	693	5	0.001				0.001		
	693	698	5	0.002				0.002		
	698	703	5	0.017				0.017		
RL-89C	1054	1058	5	0.453	0.339			0.396		
	1058	1062	4	0.013				0.013		
	1062	1066	4	0.176				0.176		
	1066	1067	1	0.123				0.123		
	1067	1072	5	0.891	1.036			0.964		
	1072	1077	5	1.350	1.400			1.375		
	1077	1082	5	0.223				0.223		
	1082	1087	5	0.573	0.703			0.638		

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NEVADA GSI

JUN 07 1990

GEOCHEMICAL ANALYSIS REPORT

June 4, 1990

x̄ Met:
RE-57 550-575/25'
~~1.048~~ 0.938
x̄ Fire Assay 1.048

Lac Minerals
1395 Greg St. #107
Sparks, Nv. 89431

Number of Samples: 21
GSI Number: 7315
Analysis: Coarse Gold Screen Analysis.

SAMPLE # RE-57 550-555
A = -~~100~~ 150 Fraction Au oz/t = 0.1680 & 0.1650 = 0.1665
B = -~~100~~ Fraction wt gm = 115.29
C = 29.167 gm
D = Total Sample wt gm = 127.70
E = +100 Fraction Au mg = 0.5340
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.2723

SAMPLE # RE-57 550-555A
A = -100 Fraction Au oz/t = 0.1740 & 0.1640 = 0.1690
B = -100 Fraction wt gm = 117.72
C = 29.167 gm
D = Total Sample wt gm = 132.60
E = +100 Fraction Au mg = 0.5610
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.2734

SAMPLE # RE-57 555-560
A = -100 Fraction Au oz/t = 0.4180 & 0.5380 = 0.4780
B = -100 Fraction wt gm = 116.47
C = 29.167 gm
D = Total Sample wt gm = 130.31
E = +100 Fraction Au mg = 4.4570
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.4248

SAMPLE # RE-57 555-560A
A = -100 Fraction Au oz/t = 0.3040 & 0.2990 = 0.3015
B = -100 Fraction wt gm = 107.77
C = 29.167 gm
D = Total Sample wt gm = 120.18
E = +100 Fraction Au mg = 2.7720
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.9431

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SAMPLE # RE-57 560-565
A = -100 Fraction Au oz/t = 0.6160 & 0.5770 = 0.5965
B = -100 Fraction wt gm = 125.63
C = 29.167 gm
D = Total Sample wt gm = 137.45
E = +100 Fraction Au mg = 6.3680
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.8965

SAMPLE # RE-57 560-565A
A = -100 Fraction Au oz/t = 0.4410 & 0.3400 = 0.3905
B = -100 Fraction wt gm = 106.83
C = 29.167 gm
D = Total Sample wt gm = 119.29
E = +100 Fraction Au mg = 3.3160
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.1605

SAMPLE # RE-57 565-570
A = -100 Fraction Au oz/t = 0.5660 & 0.5830 = 0.5745
B = -100 Fraction wt gm = 124.30
C = 29.167 gm
D = Total Sample wt gm = 139.46
E = +100 Fraction Au mg = 4.7350
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.5023

SAMPLE # RE-57 565-570A
A = -100 Fraction Au oz/t = 0.2790 & 0.3100 = 0.2945
B = -100 Fraction wt gm = 116.26
C = 29.167 gm
D = Total Sample wt gm = 130.94
E = +100 Fraction Au mg = 1.8340
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.6700

SAMPLE # RE-57 570-575
A = -100 Fraction Au oz/t = 0.2440 & 0.2460 = 0.2450
B = -100 Fraction wt gm = 111.54
C = 29.167 gm
D = Total Sample wt gm = 124.27
E = +100 Fraction Au mg = 0.9620
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.4457

SAMPLE # RE-57 570-575A
A = -100 Fraction Au oz/t = 0.4440 & 0.3970 = 0.4205
B = -100 Fraction wt gm = 120.33
C = 29.167 gm
D = Total Sample wt gm = 132.95
E = +100 Fraction Au mg = 1.8550
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.7875

SAMPLE # RE-61 700-705
A = -100 Fraction Au oz/t = 0.0150 & 0.0500 = 0.0325
B = -100 Fraction wt gm = 153.00
C = 29.167 gm
D = Total Sample wt gm = 168.22
E = +100 Fraction Au mg = 0.0070
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0308

SAMPLE # RE-61 705-710
A = -100 Fraction Au oz/t = 0.0760 & 0.0770 = 0.0765
B = -100 Fraction wt gm = 156.22
C = 29.167 gm
D = Total Sample wt gm = 173.23
E = +100 Fraction Au mg = 0.3250
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.1237

SAMPLE # RE-61 710-715
A = -100 Fraction Au oz/t = 0.0090 & -0.0025 = 0.0045
B = -100 Fraction wt gm = 132.40
C = 29.167 gm
D = Total Sample wt gm = 146.38
E = +100 Fraction Au mg = 0.0530
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0146

SAMPLE # RE-61 730-735
A = -100 Fraction Au oz/t = 0.0790 & 0.0210 = 0.0500
B = -100 Fraction wt gm = 105.27
C = 29.167 gm
D = Total Sample wt gm = 117.55
E = +100 Fraction Au mg = 0.0230
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0505

SAMPLE # RE-61 735-740
A = -100 Fraction Au oz/t = 0.0120 & 0.0350 = 0.0235
B = -100 Fraction wt gm = 161.79
C = 29.167 gm
D = Total Sample wt gm = 176.74
E = +100 Fraction Au mg = 0.0210
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0250

SAMPLE # RE-61 740-745
A = -100 Fraction Au oz/t = 0.1140 & 0.0100 = 0.0620
B = -100 Fraction wt gm = 140.06
C = 29.167 gm
D = Total Sample wt gm = 153.87
E = +100 Fraction Au mg = 0.0560
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0671

SAMPLE # RE-61 745-750
A = -100 Fraction Au oz/t = 0.0090 & 0.0200 = 0.0145
B = -100 Fraction wt gm = 151.00
C = 29.167 gm
D = Total Sample wt gm = 166.85
E = +100 Fraction Au mg = -0.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0131

SAMPLE # RE-61 750-755
A = -100 Fraction Au oz/t = 0.0260 & 0.0200 = 0.0230
B = -100 Fraction wt gm = 154.17
C = 29.167 gm
D = Total Sample wt gm = 170.72
E = +100 Fraction Au mg = 0.0100
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0225

SAMPLE # RE-72C 542-546
A = -100 Fraction Au oz/t = 0.0300 & 0.0240 = 0.0270
B = -100 Fraction wt gm = 126.42
C = 29.167 gm
D = Total Sample wt gm = 142.51
E = +100 Fraction Au mg = -0.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0240

SAMPLE # RE-41 474-478
A = -100 Fraction Au oz/t = 0.3280 & 0.3280 = 0.3280
B = -100 Fraction wt gm = 93.45
C = 29.167 gm
D = Total Sample wt gm = 108.50
E = +100 Fraction Au mg = 0.1320
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.3180

SAMPLE # RE-41 478-483
A = -100 Fraction Au oz/t = 0.9650 & 0.8690 = 0.9170
B = -100 Fraction wt gm = 99.63
C = 29.167 gm
D = Total Sample wt gm = 116.24
E = +100 Fraction Au mg = 0.7150
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.9654

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This report reviewed and approved by:

Gary M. Fechko, General Manager

NEVADA GSI

JUL 31 1990

GEOCHEMICAL ANALYSIS REPORT

July 27, 1990

CUST. CODE: LOA
PROJECT: XXXX
P.O. #: XXXX
LOT ID: 7579

GEOLOGIST: NATE BREWER
COPIES TO: XXXX
COMPANY: LAC MINERALS
ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-89C 1054-1058
A = -150 Fraction Au oz/t = 0.1880 & 0.2020 = 0.1950
B = -150 Fraction wt gm = 437.64
C = 29.167 gm
D = Total Sample wt gm = 466.78
E = +150 Fraction Au mg = 10.4490
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.8357

SAMPLE # RL-89C 1058-1062
A = -150 Fraction Au oz/t = 0.0510 & 0.0410 = 0.0460
B = -150 Fraction wt gm = 504.79
C = 29.167 gm
D = Total Sample wt gm = 534.19
E = +150 Fraction Au mg = 0.3030
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0600

SAMPLE # RL-89C 1062-1066
A = -150 Fraction Au oz/t = 0.0440 & 0.0410 = 0.0425
B = -150 Fraction wt gm = 464.61
C = 29.167 gm
D = Total Sample wt gm = 493.62
E = +150 Fraction Au mg = 0.5980
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0753

SAMPLE # RL-89C 1066-1067
A = -150 Fraction Au oz/t = 0.0580 & 0.0460 = 0.0520
B = -150 Fraction wt gm = 515.95
C = 29.167 gm
D = Total Sample wt gm = 545.11
E = +150 Fraction Au mg = 0.5410
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0782

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SAMPLE # RL-89C 1067-1072
A = -150 Fraction Au oz/t = 0.2670 & 0.2550 = 0.2610
B = -150 Fraction wt gm = 493.98
C = 29.167 gm
D = Total Sample wt gm = 523.18
E = +150 Fraction Au mg = 10.8300
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.8502

SAMPLE # RL-89C 1072-1077
A = -150 Fraction Au oz/t = 0.4340 & 0.4290 = 0.4315
B = -150 Fraction wt gm = 453.79
C = 29.167 gm
D = Total Sample wt gm = 482.97
E = +150 Fraction Au mg = 11.5090
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.1005

SAMPLE # RL-89C 1077-1082
A = -150 Fraction Au oz/t = 0.0910 & 0.0720 = 0.0815
B = -150 Fraction wt gm = 491.58
C = 29.167 gm
D = Total Sample wt gm = 520.75
E = +150 Fraction Au mg = 0.7120
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1168

SAMPLE # RL-89C 1082-1087
A = -150 Fraction Au oz/t = 0.1860 & 0.1930 = 0.1895
B = -150 Fraction wt gm = 505.73
C = 29.167 gm
D = Total Sample wt gm = 531.89
E = +150 Fraction Au mg = 2.3250
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.3077

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA

JUL 31 1990

GEOCHEMICAL ANALYSIS REPORT

y

July 27, 1990

CUST. CODE: LOA
PROJECT: XXXX
P.O. #: XXXX
LOT ID: 7428

GEOLOGIST: NATE BREWER
COPIES TO: XXXX
COMPANY: LAC MINERALS
ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-82C 634-639
A = -150 Fraction Au oz/t = -0.0025 & 0.0100 = 0.0050
B = -150 Fraction wt gm = 521.05
C = 29.167 gm
D = Total Sample wt gm = 531.65
E = +150 Fraction Au mg = 0.0050
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0052

SAMPLE # RL-82C 639-644
A = -150 Fraction Au oz/t = 0.0060 & 0.0070 = 0.0065
B = -150 Fraction wt gm = 574.88
C = 29.167 gm
D = Total Sample wt gm = 593.18
E = +150 Fraction Au mg = 0.0070
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0066

SAMPLE # RL-82C 644-649
A = -150 Fraction Au oz/t = 0.1830 & 0.1400 = 0.1615
B = -150 Fraction wt gm = 561.83
C = 29.167 gm
D = Total Sample wt gm = 577.77
E = +150 Fraction Au mg = 2.5920
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.2879

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SAMPLE # RL-82C 654-659
A = -150 Fraction Au oz/t = 0.0430 & 0.0500 = 0.0465
B = -150 Fraction wt gm = 503.80
C = 29.167 gm
D = Total Sample wt gm = 526.22
E = +150 Fraction Au mg = 0.4440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0691

SAMPLE # RL-82C 659-664
A = -150 Fraction Au oz/t = 0.0700 & 0.0570 = 0.0635
B = -150 Fraction wt gm = 529.29
C = 29.167 gm
D = Total Sample wt gm = 556.87
E = +150 Fraction Au mg = 2.1640
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1737

SAMPLE # RL-82C 664-669
A = -150 Fraction Au oz/t = 0.1930 & 0.1690 = 0.1810
B = -150 Fraction wt gm = 585.79
C = 29.167 gm
D = Total Sample wt gm = 607.15
E = +150 Fraction Au mg = 1.0580
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.2255

SAMPLE # RL-82C 669-674
A = -150 Fraction Au oz/t = 0.4160 & 0.3910 = 0.4035
B = -150 Fraction wt gm = 489.27
C = 29.167 gm
D = Total Sample wt gm = 517.79
E = +150 Fraction Au mg = 1.1010
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.4433

SAMPLE # RL-82C 674-677
A = -150 Fraction Au oz/t = 0.0070 & 0.0120 = 0.0095
B = -150 Fraction wt gm = 641.50
C = 29.167 gm
D = Total Sample wt gm = 664.23
E = +150 Fraction Au mg = 0.0440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0111

SAMPLE # RL-82C 677-682
A = -150 Fraction Au oz/t = 0.6770 & 0.6560 = 0.6665
B = -150 Fraction wt gm = 495.62
C = 29.167 gm
D = Total Sample wt gm = 514.67
E = +150 Fraction Au mg = 16.5430
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.3793

SAMPLE # RL-82C 682-685
A = -150 Fraction Au oz/t = 0.0250 & 0.0220 = 0.0235
B = -150 Fraction wt gm = 629.44
C = 29.167 gm
D = Total Sample wt gm = 644.04
E = +150 Fraction Au mg = 0.2930
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0362

SAMPLE # RL-82C 685-688
A = -150 Fraction Au oz/t = 0.0130 & 0.0100 = 0.0115
B = -150 Fraction wt gm = 672.79
C = 29.167 gm
D = Total Sample wt gm = 691.28
E = +150 Fraction Au mg = 0.0150
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0118

SAMPLE # RL-82C 688-693
A = -150 Fraction Au oz/t = 0.0100 & 0.0060 = 0.0080
B = -150 Fraction wt gm = 744.73
C = 29.167 gm
D = Total Sample wt gm = 757.22
E = +150 Fraction Au mg = 0.0270
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0089

SAMPLE # RL-82C 693-698
A = -150 Fraction Au oz/t = 0.0090 & 0.0040 = 0.0065
B = -150 Fraction wt gm = 768.71
C = 29.167 gm
D = Total Sample wt gm = 787.57
E = +150 Fraction Au mg = 0.0110
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0068

SAMPLE # RL-82C 698-703
A = -150 Fraction Au oz/t = 0.0250 & 0.0070 = 0.0160
B = -150 Fraction wt gm = 650.52
C = 29.167 gm
D = Total Sample wt gm = 679.60
E = +150 Fraction Au mg = 0.1350
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0211

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA GSI

JUL 31 1990

GEOCHEMICAL AN

Nate

Incorrect

July 27,

CUST. CODE: LOA
PROJECT: XXXX
P.O. #: XXXX
LOT ID: 7579

GEOLOGIST: NATE BREWER
COPIES TO: XXXX
COMPANY: LAC MINERALS
ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-89C 1054-1058
A = -150 Fraction Au oz/t = 0.1880 & 0.2020 = 0.1950
B = -150 Fraction wt gm = 437.64
C = 29.167 gm
D = Total Sample wt gm = 466.78
E = +150 Fraction Au mg = 10.4490
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.8357

SAMPLE # RL-89C 1058-1062
A = -150 Fraction Au oz/t = 0.0510 & 0.0410 = 0.0460
B = -150 Fraction wt gm = 504.79
C = 29.167 gm
D = Total Sample wt gm = 534.19
E = +150 Fraction Au mg = 0.3030
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0600

SAMPLE # RL-89C 1062-1066
A = -150 Fraction Au oz/t = 0.0440 & 0.0410 = 0.0425
B = -150 Fraction wt gm = 464.61
C = 29.167 gm
D = Total Sample wt gm = 493.62
E = +150 Fraction Au mg = 0.5980
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0753

SAMPLE # RL-89C 1066-1067
A = -150 Fraction Au oz/t = 0.0580 & 0.0460 = 0.0520
B = -150 Fraction wt gm = 515.95
C = 29.167 gm
D = Total Sample wt gm = 545.11
E = +150 Fraction Au mg = 0.5410
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0782

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SAMPLE # RL-89C 1067-1072
A = -150 Fraction Au oz/t = 0.2670 & 0.2550 = 0.2610
B = -150 Fraction wt gm = 493.98
C = 29.167 gm
D = Total Sample wt gm = 523.18
E = +150 Fraction Au mg = 10.8300
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.8502

SAMPLE # RL-89C 1072-1077
A = -150 Fraction Au oz/t = 0.4340 & 0.4290 = 0.4315
B = -150 Fraction wt gm = 453.79
C = 29.167 gm
D = Total Sample wt gm = 482.97
E = +150 Fraction Au mg = 11.5090
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.1005

SAMPLE # RL-89C 1077-1082
A = -150 Fraction Au oz/t = 0.0910 & 0.0720 = 0.0815
B = -150 Fraction wt gm = 491.58
C = 29.167 gm
D = Total Sample wt gm = 520.78
E = +150 Fraction Au mg = 0.7120
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1168

SAMPLE # RL-89C 1082-1087
A = -150 Fraction Au oz/t = 0.1860 & 0.1930 = 0.1895
B = -150 Fraction wt gm = 505.73
C = 29.167 gm
D = Total Sample wt gm = 531.89
E = +150 Fraction Au mg = 2.3260
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.3077

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA
GSI
GEOCHEMICAL SERVICES INC.
1498 Kleppe Lane
Sparks, Nv. 89431
Telephone: (702) 359-6600

To: Nate Brewer

From: Gary Fecko

Destination Facsmile: ( ) 356-2727

Sending Facsmile: (702) [illegible]-6605

Date: 5/31/90

Pages Including This Sheet: 9

- [ ] URGENT
- [ ] CONFIDENTIAL
- [ ] REPLY REQUESTED
- [ ] CONFIRM THAT YOU RECEIVED THIS FAX
- [x] NO RESPONSE REQUIRED

LAC MINERALS Lot 7315 RUSH!

1 SAMPLE # RE57 550-555
A = -150 Fraction Au oz = 0.168 & 0.165 = 0.1665 Screen fraction
B = -150 Fraction wt gm = 115.29
C = 29.167 gm
D = Total Sample wt gm = 126.70 +150 m
E = +150 Fraction Au mg = 0.534 -150 m
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.274

2 SAMPLE # RE57 550-555A
A = -100 Fraction Au oz = 0.174 & 0.164 = 0.169
B = -100 Fraction wt gm = 117.72
C = 29.167 gm
D = Total Sample wt gm = 132.60
E = +100 Fraction Au mg = 0.561
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.273

.274

3 SAMPLE # RE57 555-560
A = -100 Fraction Au oz = 0.418 & 0.538 = 0.478
B = -100 Fraction wt gm = 116.47
C = 29.167 gm
D = Total Sample wt gm = 130.31
E = +100 Fraction Au mg = 4.457
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.425

4 SAMPLE # RE57 555-560 A
A = -100 Fraction Au oz = 0.304 & 0.299 = 0.3015
B = -100 Fraction wt gm = 107.77
C = 29.167 gm
D = Total Sample wt gm = 120.18
E = +100 Fraction Au mg = 2.772
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.943

1.184

5 SAMPLE # RE57 560-565
A = -100 Fraction Au oz = 0.616 & 0.577 = 0.5965
B = -100 Fraction wt gm = 125.63
C = 29.167 gm
D = Total Sample wt gm = 137.45
E = +100 Fraction Au mg = 6.368
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.896

1.528

6 SAMPLE # RE57 560-565 A 1.160
A = -100 Fraction Au oz = 0.441 & 0.340 = 0.3905
B = -100 Fraction wt gm = 106.83
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = [illegible]
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = [illegible]

7 SAMPLE # RE 57 565-570°
A = -100 Fraction Au oz = 0.566 & 0.583 = 0.5745
B = -100 Fraction wt gm = 124.30
C = 29.167 gm
D = Total Sample wt gm = 139.46
E = +100 Fraction Au mg = 4.735
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.502

8 SAMPLE # RE 57 565-570 A
A = -100 Fraction Au oz = 0.279 & 0.310 = 0.2945
B = -100 Fraction wt gm = 116.26
C = 29.167 gm
D = Total Sample wt gm = 130.94
E = +100 Fraction Au mg = 1.834
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.670

1.086

9 SAMPLE # RE 57 570-575
A = -100 Fraction Au oz = 0.244 & 0.246 = 0.245
B = -100 Fraction wt gm = 111.54
C = 29.167 gm
D = Total Sample wt gm = 124.27
E = +100 Fraction Au mg = 0.962
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.446

10 SAMPLE # RE 57 570-575 A
A = -100 Fraction Au oz = 0.444 & 0.397 = 0.4205
B = -100 Fraction wt gm = 120.33
C = 29.167 gm
D = Total Sample wt gm = 132.95
E = +100 Fraction Au mg = 1.855
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.780

0.617

11 SAMPLE # RE-61 700-705
A = -100 Fraction Au oz = 0.015 & 0.050 = 0.0325
B = -100 Fraction wt gm = 153.00
C = 29.167 gm
D = Total Sample wt gm = 168.22
E = +100 Fraction Au mg = 0.007
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.031

.031

12 SAMPLE # RE 61 705-710
A = -100 Fraction Au oz = 0.076 & 0.077 = 0.0765
B = -100 Fraction wt gm = 127.22
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = 0.325
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

.124

13 SAMPLE # RE61 710-715
A = -100 Fraction Au oz = 0.009 & <.0025 = 0.0045
B = -100 Fraction wt gm = 132.40
C = 29.167 gm
D = Total Sample wt gm = 146.38
E = +100 Fraction Au mg = 0.053
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0146

14 SAMPLE # RE61 730-735
A = -100 Fraction Au oz = 0.079 & 0.021 = 0.050
B = -100 Fraction wt gm = 105.27
C = 29.167 gm
D = Total Sample wt gm = 117.55
E = +100 Fraction Au mg = 0.023
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.050

15 SAMPLE # RE61 735-740
A = -100 Fraction Au oz = 0.012 & 0.035 = 0.0235
B = -100 Fraction wt gm = 161.79
C = 29.167 gm
D = Total Sample wt gm = 176.74
E = +100 Fraction Au mg = 0.021
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.025

16 SAMPLE # RE61 740-745
A = -100 Fraction Au oz = 0.114 & 0.010 = 0.062
B = -100 Fraction wt gm = 140.06
C = 29.167 gm
D = Total Sample wt gm = 153.87
E = +100 Fraction Au mg = 0.056
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.067

17 SAMPLE # RE61 745-750
A = -100 Fraction Au oz = 0.009 & 0.020 = 0.0145
B = -100 Fraction wt gm = 151.60
C = 29.167 gm
D = Total Sample wt gm = 166.85
E = +100 Fraction Au mg = <.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.013

18 SAMPLE # RE-61 750-755
A = -100 Fraction Au oz = 0.026 & 0.020 = 0.023
B = -100 Fraction wt gm = 154.17
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = [illegible]
Weighted Au average (oz/t) based on Course Gold Screen Analysis = [illegible]

1022

19 SAMPLE # RE72-C 542-546
A = -100 Fraction Au oz = 0.030 & 0.024 = 0.027
B = -100 Fraction wt gm = 126.42
C = 29.167 gm
D = Total Sample wt gm = 142.51
E = +100 Fraction Au mg = <0.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.024

20 SAMPLE # RE41 474-478
A = -100 Fraction Au oz = 0.328 & 0.328 = 0.328
B = -100 Fraction wt gm = 93.45
C = 29.167 gm
D = Total Sample wt gm = 108.50
E = +100 Fraction Au mg = 0.132
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.318

21 SAMPLE # RE41 478-483
A = -100 Fraction Au oz = 0.965 & 0.869 = 0.917
B = -100 Fraction wt gm = 99.63
C = 29.167 gm
D = Total Sample wt gm = 116.24
E = +100 Fraction Au mg = 0.715
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.965

-END-

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

(1) 0.1665 x 115.29 + 29.167 x 0.534

126.70

19.196 + 15.575 =

0.274

(2) 0.169 x 117.72 + 29.167 x .561

132.60

19.895 + 16.363 = 0.273

(3) 0.478 x 116.47 + 29.167 x 4.457 = 1.42

130.31

55.673 + 129.997

(4) 0.3015 x 107.77 + 29.167 x 2.772 = 0.94

120.18

32.493 + 80.851

(5)

0.5965 x 125.63 + 29.167 x 6.368 = 1.896

137.45

74.938 + 185.735

(6) 0.3905 x 106.83 + 29.167 3.316 = 1.160

119.29

41.717 + 96.717

(7) .5745 × 124.30 + 29.167 × 4.735 = 1.502

139.46

71.410 + 138.106

(8) 0.2945 × 116.26 + 29.167 × 1.834 = 0.670

130.94

34.239 + 53.492

(9) 0.245 × 111.54 + 29.167 × 0.962 = 0.446

124.27

27.327 + 28.058

(10) 0.4205 × 120.33 + 29.167 × 1.855 = 0.788

132.95

50.599 + 54.105

(11) 0.0325 × 153.00 + 29.167 × .007 = 0.031

168.22

4.975 + 0.204

(12) 0.0765 × 156.22 + 29.167 × 0.325 = 0.124

173.23

11.951 + 9.47

(13) 0.0045 x 132.40 + 29.167 x .053 = 0.0146

146.38

0.596 + 1.546

(14) 0.050 x 105.27 + 29.167 x 0.023 = 0.050

117.55

5.264 + .671

(15) 0.0235 x 161.79 + 29.167 x 0.021 = ~~0.0324~~ 0.0250

176.74

3.802 + 0.613

(16) 0.062 x 140.06 + 29.167 x .056 = 0.061

153.87

8.684 + 1.633

(17) 0.0145 x 151.00 + 29.167 x 0.001 = 0.13

166.85

2.1895 + .029

(18) 0.023 x 154.17 + 29.167 x 0.010 = 0.022

170.72

3.5459 + 0.29167

(19) $0.027 \times 126.42 + 29.167 \times 0.001$ $= 0.024$

142.51

~~3.413 + 0.029~~

(20) $0.328 \times 93.45 + 29.167 \times 0.132$ $= 0.318$

108.50

30.652 + 3.85

(21) $0.917 \times 99.63 + 29.167 \times 0.715$ $= 0.965$

116.24

91.361 + 20.854

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GEOCHEMICAL ANALYSIS REPORT

Y

July 27, 1990

incorrect

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ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-82C 634-639
A = -150 Fraction Au oz/t = -0.0025 & 0.0100 = 0.0050
B = -150 Fraction wt gm = 521.05
C = 29.167 gm
D = Total Sample wt gm = 531.65
E = +150 Fraction Au mg = 0.0050
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0052

SAMPLE # RL-82C 639-644
A = -150 Fraction Au oz/t = 0.0060 & 0.0070 = 0.0065
B = -150 Fraction wt gm = 574.88
C = 29.167 gm
D = Total Sample wt gm = 593.18
E = +150 Fraction Au mg = 0.0070
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0066

SAMPLE # RL-82C 644-649
A = -150 Fraction Au oz/t = 0.1830 & 0.1400 = 0.1615
B = -150 Fraction wt gm = 561.83
C = 29.167 gm
D = Total Sample wt gm = 577.77
E = +150 Fraction Au mg = 2.5920
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.2879

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SAMPLE # RL-82C 654-659
A = -150 Fraction Au oz/t = 0.0430 & 0.0500 = 0.0465
B = -150 Fraction wt gm = 503.80
C = 29.167 gm
D = Total Sample wt gm = 526.22
E = +150 Fraction Au mg = 0.4440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0691

SAMPLE # RL-82C 659-664
A = -150 Fraction Au oz/t = 0.0700 & 0.0570 = 0.0635
B = -150 Fraction wt gm = 529.29
C = 29.167 gm
D = Total Sample wt gm = 556.87
E = +150 Fraction Au mg = 2.1640
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1737

SAMPLE # RL-82C 664-669
A = -150 Fraction Au oz/t = 0.1930 & 0.1690 = 0.1810
B = -150 Fraction wt gm = 585.79
C = 29.167 gm
D = Total Sample wt gm = 607.13
E = +150 Fraction Au mg = 1.0580
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.2255

SAMPLE # RL-82C 669-674
A = -150 Fraction Au oz/t = 0.4160 & 0.3910 = 0.4035
B = -150 Fraction wt gm = 489.27
C = 29.167 gm
D = Total Sample wt gm = 517.79
E = +150 Fraction Au mg = 1.1010
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.4433

SAMPLE # RL-82C 674-677
A = -150 Fraction Au oz/t = 0.0070 & 0.0120 = 0.0095
B = -150 Fraction wt gm = 641.50
C = 29.167 gm
D = Total Sample wt gm = 664.23
E = +150 Fraction Au mg = 0.0440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0111

SAMPLE # RL-82C 677-682
A = -150 Fraction Au oz/t = 0.6770 & 0.6560 = 0.6665
B = -150 Fraction wt gm = 495.62
C = 29.167 gm
D = Total Sample wt gm = 514.67
E = +150 Fraction Au mg = 16.5430
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.5793

SAMPLE # RL-82C 682-685
A = -150 Fraction Au oz/t = 0.0250 & 0.0220 = 0.0235
B = -150 Fraction wt gm = 629.44
C = 29.167 gm
D = Total Sample wt gm = 644.04
E = +150 Fraction Au mg = 0.2930
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0362

SAMPLE # RL-82C 685-688
A = -150 Fraction Au oz/t = 0.0130 & 0.0100 = 0.0115
B = -150 Fraction wt gm = 672.79
C = 29.167 gm
D = Total Sample wt gm = 691.28
E = +150 Fraction Au mg = 0.0150
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0118

SAMPLE # RL-82C 688-693
A = -150 Fraction Au oz/t = 0.0100 & 0.0060 = 0.0080
B = -150 Fraction wt gm = 744.73
C = 29.167 gm
D = Total Sample wt gm = 757.22
E = +150 Fraction Au mg = 0.0270
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0089

SAMPLE # RL-82C 693-698
A = -150 Fraction Au oz/t = 0.0090 & 0.0040 = 0.0065
B = -150 Fraction wt gm = 768.71
C = 29.167 gm
D = Total Sample wt gm = 787.57
E = +150 Fraction Au mg = 0.0110
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0068

SAMPLE # RL-82C 698-703

A = -150 Fraction Au oz/t = 0.0250 & 0.0070 = 0.0160

B = -150 Fraction wt gm = 650.52

C = 29.167 gm

D = Total Sample wt gm = 679.60

E = +150 Fraction Au mg = 0.1350

Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0211

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA GSI

GEOCHEMICAL ANALYSIS REPORT

July 27, 1990

1054-1087/33' .480 Met .559 FA

CUST. CODE: LOA
PROJECT: XXXX
P.O. #: XXXX
LOT ID: 7579

GEOLOGIST: NATE BREWER
COPIES TO: XXXX
COMPANY: LAC MINERALS
ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-89C 1054-1058
A = -150 Fraction Au oz/t = 0.1880 & 0.2020 = 0.1950
B = -150 Fraction wt gm = 437.64
C = 29.167 gm
D = Total Sample wt gm = 466.78
E = +150 Fraction Au mg = 10.4490
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.8357

SAMPLE # RL-89C 1058-1062
A = -150 Fraction Au oz/t = 0.0510 & 0.0410 = 0.0460
B = -150 Fraction wt gm = 504.79
C = 29.167 gm
D = Total Sample wt gm = 534.19
E = +150 Fraction Au mg = 0.3030
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0600

SAMPLE # RL-89C 1062-1066
A = -150 Fraction Au oz/t = 0.0440 & 0.0410 = 0.0425
B = -150 Fraction wt gm = 464.61
C = 29.167 gm
D = Total Sample wt gm = 493.62
E = +150 Fraction Au mg = 0.5980
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0753

SAMPLE # RL-89C 1066-1067
A = -150 Fraction Au oz/t = 0.0580 & 0.0460 = 0.0520
B = -150 Fraction wt gm = 515.95
C = 29.167 gm
D = Total Sample wt gm = 545.11
E = +150 Fraction Au mg = 0.5410
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0782

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SAMPLE # RL-89C 1067-1072
A = -150 Fraction Au oz/t = 0.2670 & 0.2550 = 0.2610
B = -150 Fraction wt gm = 493.98
C = 29.167 gm
D = Total Sample wt gm = 523.18
E = +150 Fraction Au mg = 10.8300
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.8502

SAMPLE # RL-89C 1072-1077
A = -150 Fraction Au oz/t = 0.4340 & 0.4290 = 0.4315
B = -150 Fraction wt gm = 453.79
C = 29.167 gm
D = Total Sample wt gm = 482.97
E = +150 Fraction Au mg = 11.5090
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.1005

SAMPLE # RL-89C 1077-1082
A = -150 Fraction Au oz/t = 0.0910 & 0.0720 = 0.0815
B = -150 Fraction wt gm = 491.58
C = 29.167 gm
D = Total Sample wt gm = 520.78
E = +150 Fraction Au mg = 0.7120
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1168

SAMPLE # RL-89C 1082-1087
A = -150 Fraction Au oz/t = 0.1860 & 0.1930 = 0.1895
B = -150 Fraction wt gm = 505.73
C = 29.167 gm
D = Total Sample wt gm = 531.89
E = +150 Fraction Au mg = 2.3260
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.3077

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA GSI

JUL 31 1990

GEOCHEMICAL ANALYSIS REPORT

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July 27, 1990

incorrect

CUST. CODE: LOA
PROJECT: XXXX
P.O. #: XXXX
LOT ID: 7428

GEOLOGIST: NATE BREWER
COPIES TO: XXXX
COMPANY: LAC MINERALS
ANALYSIS: COARSE GOLD SCREEN FRACTIONS.

SAMPLE # RL-82C 634-639
A = -150 Fraction Au oz/t = -0.0025 & 0.0100 = 0.0050
B = -150 Fraction wt gm = 521.05
C = 29.167 gm
D = Total Sample wt gm = 531.65
E = +150 Fraction Au mg = 0.0050
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0052

SAMPLE # RL-82C 639-644
A = -150 Fraction Au oz/t = 0.0060 & 0.0070 = 0.0065
B = -150 Fraction wt gm = 574.88
C = 29.167 gm
D = Total Sample wt gm = 593.18
E = +150 Fraction Au mg = 0.0070
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0066

SAMPLE # RL-82C 644-649
A = -150 Fraction Au oz/t = 0.1830 & 0.1400 = 0.1615
B = -150 Fraction wt gm = 561.83
C = 29.167 gm
D = Total Sample wt gm = 577.77
E = +150 Fraction Au mg = 2.5920
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.2879

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SAMPLE # RL-82C 654-659
A = -150 Fraction Au oz/t = 0.0430 & 0.0500 = 0.0465
B = -150 Fraction wt gm = 503.80
C = 29.167 gm
D = Total Sample wt gm = 526.22
E = +150 Fraction Au mg = 0.4440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0691

SAMPLE # RL-82C 659-664
A = -150 Fraction Au oz/t = 0.0700 & 0.0570 = 0.0635
B = -150 Fraction wt gm = 529.29
C = 29.167 gm
D = Total Sample wt gm = 556.87
E = +150 Fraction Au mg = 2.1640
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.1737

SAMPLE # RL-82C 664-669
A = -150 Fraction Au oz/t = 0.1930 & 0.1690 = 0.1810
B = -150 Fraction wt gm = 585.79
C = 29.167 gm
D = Total Sample wt gm = 607.15
E = +150 Fraction Au mg = 1.0580
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.2255

SAMPLE # RL-82C 669-674
A = -150 Fraction Au oz/t = 0.4160 & 0.3910 = 0.4035
B = -150 Fraction wt gm = 489.27
C = 29.167 gm
D = Total Sample wt gm = 517.79
E = +150 Fraction Au mg = 1.1010
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.4433

SAMPLE # RL-82C 674-677
A = -150 Fraction Au oz/t = 0.0070 & 0.0120 = 0.0095
B = -150 Fraction wt gm = 641.50
C = 29.167 gm
D = Total Sample wt gm = 664.23
E = +150 Fraction Au mg = 0.0440
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0111

SAMPLE # RL-82C 677-682
A = -150 Fraction Au oz/t = 0.6770 & 0.6560 = 0.6665
B = -150 Fraction wt gm = 495.62
C = 29.167 gm
D = Total Sample wt gm = 514.67
E = +150 Fraction Au mg = 16.5430
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 1.5793

SAMPLE # RL-82C 682-685
A = -150 Fraction Au oz/t = 0.0250 & 0.0220 = 0.0235
B = -150 Fraction wt gm = 629.44
C = 29.167 gm
D = Total Sample wt gm = 644.04
E = +150 Fraction Au mg = 0.2930
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0362

SAMPLE # RL-82C 685-688
A = -150 Fraction Au oz/t = 0.0130 & 0.0100 = 0.0115
B = -150 Fraction wt gm = 672.79
C = 29.167 gm
D = Total Sample wt gm = 691.28
E = +150 Fraction Au mg = 0.0150
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0118

SAMPLE # RL-82C 688-693
A = -150 Fraction Au oz/t = 0.0100 & 0.0060 = 0.0080
B = -150 Fraction wt gm = 744.73
C = 29.167 gm
D = Total Sample wt gm = 757.22
E = +150 Fraction Au mg = 0.0270
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0089

SAMPLE # RL-82C 693-698
A = -150 Fraction Au oz/t = 0.0090 & 0.0040 = 0.0065
B = -150 Fraction wt gm = 768.71
C = 29.167 gm
D = Total Sample wt gm = 787.57
E = +150 Fraction Au mg = 0.0110
Weighted Au average (oz/t) based on Course Gold Screen
Analysis = 0.0068

SAMPLE # RL-82C 698-703

A = -150 Fraction Au oz/t = 0.0250 & 0.0070 = 0.0160

B = -150 Fraction wt gm = 650.52

C = 29.167 gm

D = Total Sample wt gm = 679.60

E = +150 Fraction Au mg = 0.1350

Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0211

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Laboratory Director

NEVADA GSI
GEOCHEMICAL SERVICES INC.
1498 Kleppe Lane
Sparks, Nv. 89431
Telephone: (702) 359-6600

To: NOTE BREWER

From: GARY FECKRO

Destination Facsmile: ( ) 356-2727

Sending Facsmile: (702) [illegible]-6605

Date: 3/31/90

Pages Including This Sheet: 9

- [ ] URGENT
- [ ] CONFIDENTIAL
- [ ] REPLY REQUESTED
- [ ] CONFIRM THAT YOU RECEIVED THIS FAX
- [x] NO RESPONSE REQUIRED

LAC MINERALS LOT 7315 RUSH

1 SAMPLE # RE57 550-555
A = -150 Fraction Au oz = 0.168 & 0.165 = 0.1665 Screen Fraction
B = -150 Fraction wt gm = 119.29
C = 29.167 gm
D = Total Sample wt gm = 126.70
E = +150 Fraction Au mg = 0.534
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.274

+150 m
-150 m

2 SAMPLE # RE57 550-555A
A = -100 Fraction Au oz = 0.174 & 0.164 = 0.169
B = -100 Fraction wt gm = 117.72
C = 29.167 gm
D = Total Sample wt gm = 132.60
E = +100 Fraction Au mg = 0.561
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.273

.274

3 SAMPLE # RE57 555-560
A = -100 Fraction Au oz = 0.418 & 0.538 = 0.478
B = -100 Fraction wt gm = 116.47
C = 29.167 gm
D = Total Sample wt gm = 130.31
E = +100 Fraction Au mg = 4.457
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.425

4 SAMPLE # RE57 555-560 A
A = -100 Fraction Au oz = 0.304 & 0.299 = 0.3015
B = -100 Fraction wt gm = 107.77
C = 29.167 gm
D = Total Sample wt gm = 120.18
E = +100 Fraction Au mg = 2.772
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.943

1.184

5 SAMPLE # RE57 560-565
A = -100 Fraction Au oz = 0.616 & 0.577 = 0.5965
B = -100 Fraction wt gm = 125.63
C = 29.167 gm
D = Total Sample wt gm = 137.45
E = +100 Fraction Au mg = 6.368
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.896

1.528

6 SAMPLE # RE57 560-565 A 1.160
A = -100 Fraction Au oz = 0.441 & 0.340 = 0.3905
B = -100 Fraction wt gm = 106.83
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = [illegible]
Weighted Au average (oz/t) based on Course Gold Screen Analysis = [illegible]

7 SAMPLE # RE 57 565-570

A = -100 Fraction Au oz = 0.566 & 0.583 = 0.5745
B = -100 Fraction wt gm = 124.30
C = 29.167 gm
D = Total Sample wt gm = 139.46
E = +100 Fraction Au mg = 4.735
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 1.502

8 SAMPLE # RE 57 565-570 A

A = -100 Fraction Au oz = 0.279 & 0.310 = 0.2945
B = -100 Fraction wt gm = 116.26
C = 29.167 gm
D = Total Sample wt gm = 130.94
E = +100 Fraction Au mg = 1.834
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.670

1.086

9 SAMPLE # RE 57 570-575

A = -100 Fraction Au oz = 0.244 & 0.246 = 0.245
B = -100 Fraction wt gm = 111.54
C = 29.167 gm
D = Total Sample wt gm = 124.27
E = +100 Fraction Au mg = 0.962
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.446

10 SAMPLE # RE 57 570-575 A

A = -100 Fraction Au oz = 0.444 & 0.397 = 0.4205
B = -100 Fraction wt gm = 120.33
C = 29.167 gm
D = Total Sample wt gm = 132.95
E = +100 Fraction Au mg = 1.855
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.780

0.617

11 SAMPLE # RE-61 700-705

A = -100 Fraction Au oz = 0.015 & 0.050 = 0.0325
B = -100 Fraction wt gm = 153.00
C = 29.167 gm
D = Total Sample wt gm = 168.22
E = +100 Fraction Au mg = 0.007
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.031

.031

12 SAMPLE # RE 61 705-710

A = -100 Fraction Au oz = 0.076 & 0.077 = 0.0765
B = -100 Fraction wt gm = 156.22
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = [illegible]
Weighted Au average (oz/t) based on Course Gold Screen Analysis = [illegible]

.124

13 SAMPLE # RE-61 710-715
A = -100 Fraction Au oz = 0.009 & <0.0025 = 0.0045
B = -100 Fraction wt gm = 132.40
C = 29.167 gm
D = Total Sample wt gm = 146.38
E = +100 Fraction Au mg = 0.053
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.0146

14 SAMPLE # RE61 730-735
A = -100 Fraction Au oz = 0.079 & 0.021 = 0.050
B = -100 Fraction wt gm = 105.27
C = 29.167 gm
D = Total Sample wt gm = 117.55
E = +100 Fraction Au mg = 0.023
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.050

15 SAMPLE # RE61 735-740
A = -100 Fraction Au oz = 0.012 & 0.035 = 0.0235
B = -100 Fraction wt gm = 161.79
C = 29.167 gm
D = Total Sample wt gm = 176.74
E = +100 Fraction Au mg = 0.021
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.025

16 SAMPLE # RE61 740-745
A = -100 Fraction Au oz = 0.114 & 0.010 = 0.062
B = -100 Fraction wt gm = 140.06
C = 29.167 gm
D = Total Sample wt gm = 153.87
E = +100 Fraction Au mg = 0.056
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.067

17 SAMPLE # RE61 745-750
A = -100 Fraction Au oz = 0.009 & 0.020 = 0.0145
B = -100 Fraction wt gm = 151.60
C = 29.167 gm
D = Total Sample wt gm = 166.85
E = +100 Fraction Au mg = <0.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.013

18 SAMPLE # RE-61 750-755
A = -100 Fraction Au oz = 0.026 & 0.020 = 0.023
B = -100 Fraction wt gm = 154.17
C = 29.167 gm
D = Total Sample wt gm = [illegible]
E = +100 Fraction Au mg = [illegible]
Weighted Au average (oz/t) based on Course Gold Screen Analysis = [illegible]

1022

19 SAMPLE # RE72-C 542-546
A = -100 Fraction Au oz = 0.030 & 0.024 = 0.027
B = -100 Fraction wt gm = 126.42
C = 29.167 gm
D = Total Sample wt gm = 142.51
E = +100 Fraction Au mg = <0.0025
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.024

20 SAMPLE # RE41 474-478
A = -100 Fraction Au oz = 0.328 & 0.328 = 0.328
B = -100 Fraction wt gm = 93.45
C = 29.167 gm
D = Total Sample wt gm = 108.50
E = +100 Fraction Au mg = 0.132
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.318

21 SAMPLE # RE41 478-483
A = -100 Fraction Au oz = 0.965 & 0.869 = 0.917
B = -100 Fraction wt gm = 99.63
C = 29.167 gm
D = Total Sample wt gm = 116.24
E = +100 Fraction Au mg = 0.715
Weighted Au average (oz/t) based on Course Gold Screen Analysis = 0.965

-END-

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

SAMPLE #_____
A = -100 Fraction Au oz = _____ & _____ =
B = -100 Fraction wt gm = _____
C = 29.167 gm
D = Total Sample wt gm = _____
E = +100 Fraction Au mg = _____
Weighted Au average (oz/t) based on Course Gold Screen Analysis =

(1) 0.1665 x 115.29 + 29.167 x 0.534

126.70

19.196 + 15.575 =

0.274

(2) 0.169 x 117.72 + 29.167 x .561

132.60

19.895 + 16.363 = 0.273

(3) 0.478 x 116.47 + 29.167 x 4.457 = 1.42

130.31

55.673 + 129.997

(4) 0.3015 x 107.77 + 29.167 x 2.772 = 0.94

120.18

32.493 + 80.851

(5)

0.5965 x 125.63 + 29.167 x 6.368 = 1.896

137.45

74.938 + 185.735

(6) 0.3905 x 106.83 + 29.167 3.316 = 1.160

119.29

41.717 + 96.717

(7) .5745 × 124.30 + 29.167 × 4.735 = 1.502

139.46

71.410 + 138.106

(8) 0.2945 × 116.26 + 29.167 × 1.834 = 0.670

130.94

34.239 + 53.492

(9) 0.245 × 111.54 + 29.167 × 0.962 = 0.446

124.27

27.327 + 28.058

(10) 0.4205 × 120.33 + 29.167 × 1.855 = 0.788

132.95

50.599 + 54.105

(11) 0.0325 × 153.00 + 29.167 × .007 = 0.031

168.22

4.975 + 0.204

(12) 0.0765 × 156.22 + 29.167 × 0.325 = 0.124

173.23

11.951 + 9.479

(13) 0.0045 x 132.40 + 29.167 x .053 = 0.0146

146.38

0.596 + 1.546

(14) 0.050 x 105.27 + 29.167 x 0.023 = 0.050

117.55

5.264 + .671

(15) 0.0235 x 161.79 + 29.167 x 0.021 = ~~0.0224~~ 0.0250

176.74

3.802 + 0.613

(16) 0.062 x 140.06 + 29.167 x .056 = 0.061

153.87

8.684 + 1.633

(17) 0.0145 x 151.00 + 29.167 x 0.001 = 0.13

166.85

2.1895 + .029

(18) 0.023 x 154.17 + 29.167 x 0.010 = 0.022

170.72

3.5459 + 0.29167

(19) $\frac{0.027 \times 126.42 + 29.167 \times 0.001}{142.51} = 0.024$

~~3.413 + 0.029~~

(20) $\frac{0.328 \times 93.45 + 29.167 \times 0.132}{108.50} = 0.318$

30.652 + 3.85

(21) $\frac{0.917 \times 99.63 + 29.167 \times 0.715}{116.24} = 0.965$

91.361 + 20.854

FREE GOLD ASSAY PROCEDURE

1. Screen ~~100~~ grams of the pulverized sample through a ~~100~~ -150 mesh screen.
2. Record the weight of the +100 fraction and fire assay all of it.
3. Fire assay two (2) one assay ton portions of the ~~-100~~ -150 fraction.
4. Calculate the ounces per ton using the following procedure.

$$\frac{A \times B + E \times C}{D} = o/t$$

WHERE:
A = -100 fraction Au in mg.
B = -100 fraction wt. in grams
C = Assay ton wt. in grams
D = Total sample wt. in grams
E = + fraction Au in mg.

Rosebud Drilling
Metallic Screen Assays
1990