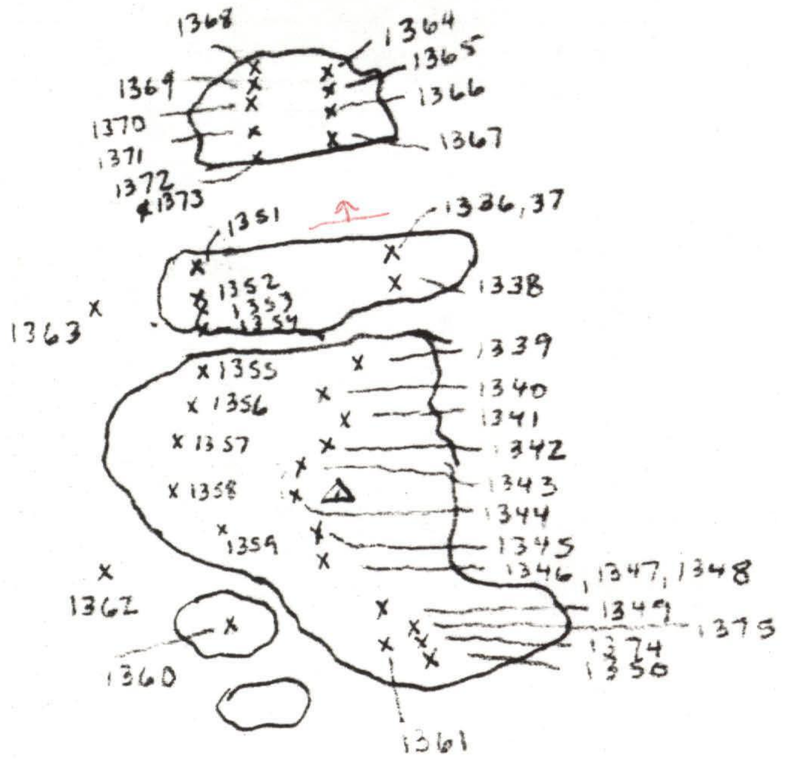
URBD 60412 GEOCHEM
DREAMLAND SAMPLING, WALCK, '91

60008659

Dreamland
Knobby Hill Sampling
(Rock Chip)
4/1991

+ 2207500

4177500

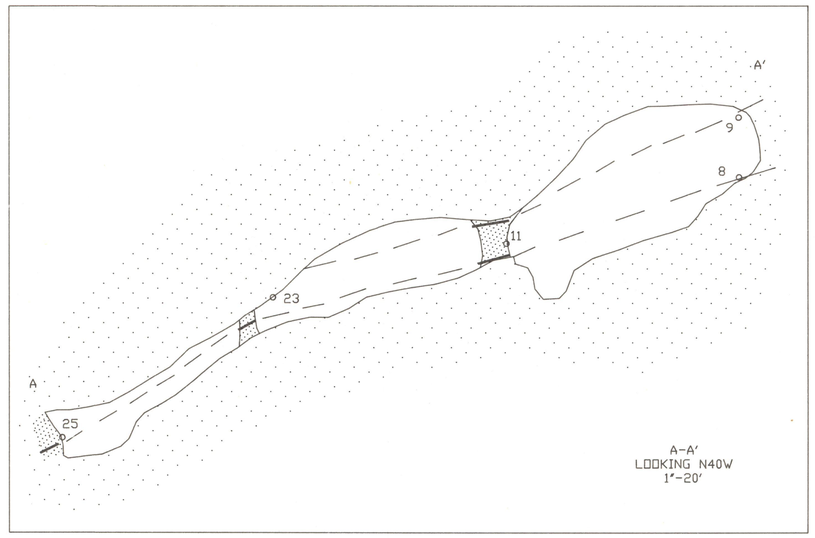


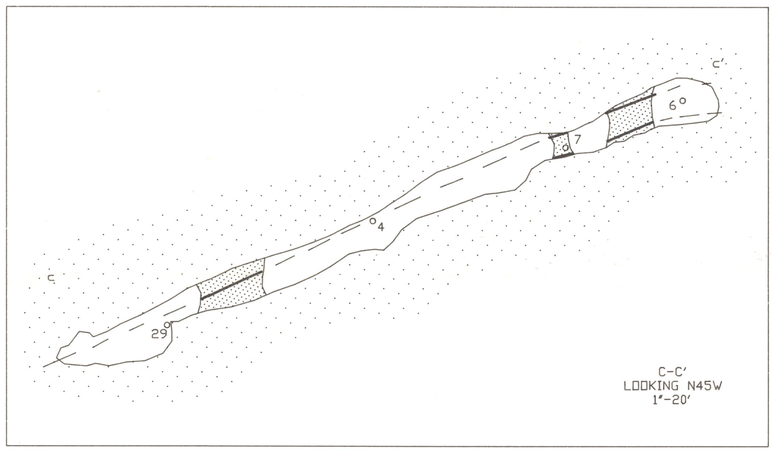
RB-2

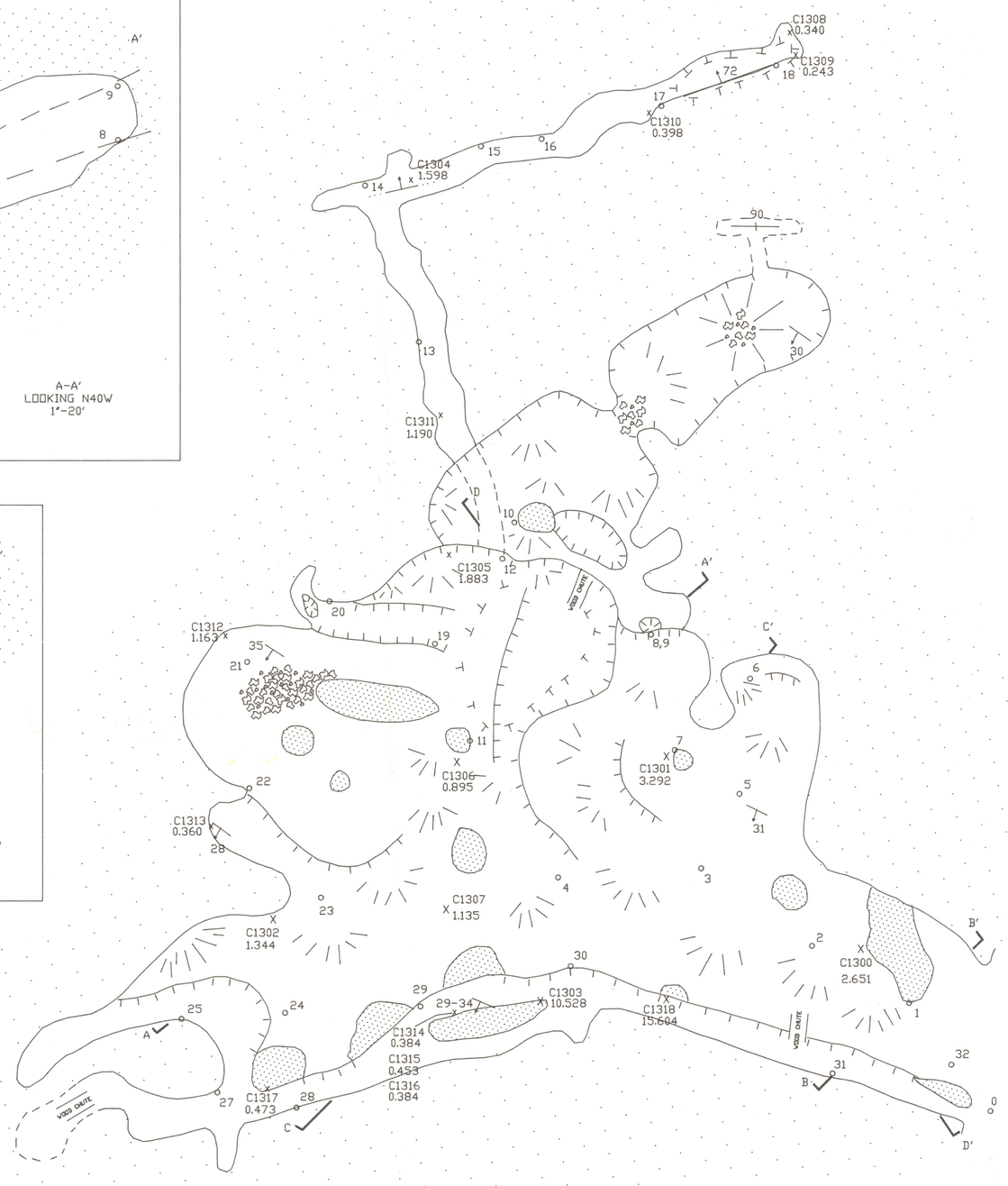
RL 15

RL16

1' TO 6" CLAY-RICH LOW ANGLE STRUCTURES DIPPING ABOUT 30 S.25 W. ARE SEEN IN ALL OF THE PILLARS. GENERALLY FILLED WITH WHITE CLAY + 1/8" STRINGERS OF LIMONITE AND SILICA

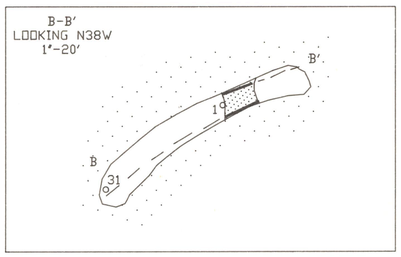


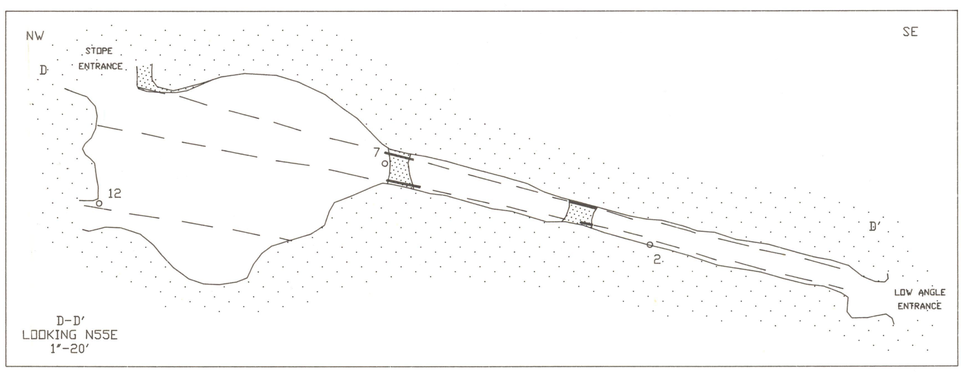




EXPLANATION

- SOLID ROCK
- SLOPE, FLARES OUT IN DOWNSLOPE DIRECTION
- CHANGE IN FLOOR ELEVATION, HATCHES POINT TO LOWER SIDE
- CHANGE IN CEILING HEIGHT, HATCHES POINT TO LOWERSIDE
- SURVEY STATION
- C1300 2.651 X — SAMPLE NO. AND AU IN PPM
- TRACE OF LOW ANGLE STRUCTURE (CROSS SECTION OF VEIN)
- MEASURED FAULT/SLICKENSIDES, SHOWING DIP
- RUBBLE PILE





N

20' 0 20' 40'

SCALE 1"=20'

LAC MINERALS U.S.A. INC.			
1395 GREG ST. - SPARKS, NEVADA 89431			
ROSEBUD PROJECT LOW ANGLE WORKINGS DREAMLAND AREA			
STATE NEVADA	COUNTY PERSHING	SCALE 1"=20'	CONT.
DATA BY C.M. WALCK	DRAWN BY J.A. MUELLER	DATE 1/91	NO.

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-10553.0

DATE PRINTED: 11-APR-91

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB
R2 1336		371
R2 1337		130
R2 1338		270
R2 1339		97
R2 1340		79
R2 1341		82
R2 1342		118
R2 1343		99
R2 1344		94
R2 1345		43
R2 1346		98
R2 1347		179
R2 1348		108
R2 1349		200
R2 1350		104
R2 C1351		67
R2 C1352		76
R2 C1353		168
R2 C1354		221
R2 C1355		334
R2 C1356		115
R2 C1357		106
R2 C1358		61
R2 C1359		151
R2 C1360		50
R2 C1361		112
R2 C1362		351
R2 C1363		664

D.C. KNOBBY HILL
Main knobby Hill

C 1336 - 1363

} small cave

} Grab samples of gossany float

TO: Cyndy

B O N D A R - C L E G G

AUTOMATED FAX TRANSMISSION

Bondar-Clegg Inc.
625 Spice Island Drive
Building 1, Unit A
Sparks, NV 89431

Tel. (702) 359-9330

"U R G E N T & C O N F I D E N T I A L"

Your Fax No: 356-2727

Our Fax No: (702) 359-9386

To: LAC MINERALS

Attention: MR. NATE BREWER

1336 → 1364

Number of Pages 5 including this page

If you do not receive the entire transmission in legible form, please contact us as soon as possible

REPORT: RS1-10333.0 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: LAC MINERALS (USA) INC
PROJECT: NONE GIVEN

SUBMITTED BY: STOEBERL
DATE PRINTED: 8-MAY-91

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g Gold 30 grams	28	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag Silver	28	0.2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
3	Cu Copper	28	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
4	Pb Lead	28	2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
5	Zn Zinc	28	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
6	Mo Molybdenum	28	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
7	AS Arsenic	28	1.0 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	SB Antimony	28	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Hg Mercury	28	0.010 PPM	HNO3-HCL-SnSO4	Cold Vapour AA

SAMPLE TYPES	NUMBER
R ROCK OR BED ROCK	28

SIZE FRACTIONS	NUMBER
2 -150	28

SAMPLE PREPARATIONS	NUMBER
SAMPLE PREP <10LBS	28

REMARKS: SAMPLES 1351 THRU 1363 HAD A "C" PREFIX ON THE
SAMPLE BAGS

REPORT COPIES TO: MR. NATE BREWER

INVOICE TO: MR. NATE BREWER

REPORT: R91-10553.0 (COMPLETE)

DATE PRINTED: 8-MAY-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
R2 1336		371	5.1	3	23	12	6	87.0	37.6	0.326
R2 1337		130	4.7	3	12	9	4	54.0	36.0	0.273
R2 1338		270	19.0	2	14	7	3	71.0	93.5	1.606
R2 1339		97	2.6	3	15	8	4	38.0	57.5	0.898
R2 1340		78	2.3	3	14	8	2	51.0	37.7	0.146
R2 1341		82	3.3	3	9	5	<1	36.0	53.3	0.660
R2 1342		118	1.3	3	14	18	2	65.0	50.7	0.176
R2 1343		99	2.3	3	15	10	<1	46.0	43.1	0.270
R2 1344		94	0.3	2	13	12	2	36.0	30.6	0.110
R2 1345		43	0.3	2	12	8	<1	16.0	26.2	0.034
R2 1346		98	6.4	2	27	4	2	59.0	50.1	0.033
R2 1347		179	6.5	2	19	7	1	99.0	69.4	0.091
R2 1348		108	4.3	2	13	12	<1	33.0	64.2	0.822
R2 1349		200	1.2	5	16	56	2	67.0	67.7	1.300
R2 1350		104	6.1	4	22	44	3	47.0	64.7	0.448
R2 C1351		67	2.1	3	10	4	<1	44.0	20.7	0.665
R2 C1352		76	1.4	2	11	4	2	28.0	33.1	0.103
R2 C1353		168	3.1	3	27	10	8	32.0	65.4	0.241
R2 C1354		221	4.3	4	33	26	8	72.0	75.3	2.481
R2 C1355		334	8.9	3	34	6	2	54.0	91.8	1.680
R2 C1356		115	0.3	1	14	5	<1	22.0	13.0	0.069
R2 C1357		106	1.0	3	9	17	<1	47.0	43.8	0.110
R2 C1358		61	0.6	2	10	2	<1	35.0	20.3	0.230
R2 C1359		151	4.0	5	18	16	1	96.0	50.0	0.591
R2 C1360		50	2.0	3	12	6	2	106.0	26.5	0.628
R2 C1361		112	4.2	7	13	39	3	101.0	68.6	0.551
R2 C1362		351	6.3	7	20	105	3	187.0	98.9	1.130
R2 C1363		664	3.8	5	28	38	3	135.0	80.4	0.985

REPORT: R91-10633.0 (COMPLETE)

DATE PRINTED: 8-MAY-91
PROJECT: NONE GIVEN PAGE 2

STANDARD NAME	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
ANALYTICAL BLANK		<5	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-
Mean Value		2.5	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		5	-	-	-	-	-	-	-	-
GEOCHEM STD 1 (1989)		-	-	-	-	-	-	10.0	8.4	-
Number of Analyses		-	-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	-	10.00	8.40	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	205	15	82	17	-	-	-
GEOCHEM STD 3		-	0.5	336	35	257	2	-	-	0.030
Number of Analyses		-	1	1	1	1	1	-	-	1
Mean Value		-	0.47	336.3	35.1	257.1	2.3	-	-	0.0301
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		-	0.5	290	33	255	4	-	-	0.030
AU PULP STD		272	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-
Mean Value		272.0	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		260	-	-	-	-	-	-	-	-
CS89-2		-	-	-	-	-	-	519.0	108.0	-
Number of Analyses		-	-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	-	519.00	108.00	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		-	4.6	750	250	525	600	310.0	70.0	-

REPORT: R91-10553 0 (COMPLETE)

DATE PRINTED: 8-MAY-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	AU 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
1339		97	2.6	3	15	8	4	36.0	57.5	0.898
Duplicate		99						35.0	50.4	
C1358		61	0.6	2	10	2	<1	35.0	20.3	0.230
Prep Duplicate		86	0.5	2	9	2	<1	22.0	23.2	0.242
C1362		351	6.3	7	20	105	5	187.0	98.9	1.130
Duplicate		308								

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

LAC MINERALS (USA) INC.
MS. CYNDIE WALCK
1395 GREG STREET
SUITE 107
SPARKS, NV 89431

Dreamland
C1364 → 1375

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-10599.0 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: LAC MINERALS (USA) INC.
PROJECT: NONE GIVEN

SUBMITTED BY: WALCK
DATE PRINTED: 30-APR-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	12	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	12	0.2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
3	Cu	Copper	12	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
4	Pb	Lead	12	2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
5	Zn	Zinc	12	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
6	Mo	Molybdenum	12	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
7	AS	Arsenic	12	1.0 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	SB	Antimony	12	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Hg	Mercury	12	0.010 PPM	HNO3-HCl-SnSO4	Cold Vapour AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	12	2 -150	12	SAMPLE PREP <10LBS	12

REMARKS: PLEASE NOTE THAT THE SAMPLES DO NOT HAVE A "C"
PREFIX ON THE BAGS ALTHOUGH THE SUBMITTAL
LISTS THE ID'S WITH A "C" PREFIX.

REPORT COPIES TO: MS. CYNDIE WALCK
MR. NATE BREWER

INVOICE TO: MR. NATE BREWER

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-10599.0 (COMPLETE)

DATE PRINTED: 30 APR 91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
R2 1364		196	3.2	5	19	19	7	87.0	44.5	0.371
R2 1365		117	3.6	3	19	14	9	57.0	36.1	0.651
R2 1366		141	3.8	3	16	10	2	56.0	22.8	0.409
R2 1367		111	3.3	3	12	13	2	44.0	25.0	0.483
R2 1368		126	1.5	3	11	12	2	68.0	45.6	0.316
R2 1369		190	2.9	5	14	29	6	53.0	70.2	2.991
R2 1370		89	1.1	3	12	9	2	65.0	36.4	0.096
R2 1371		91	1.0	2	11	8	2	38.0	20.1	0.442
R2 1372		118	<0.2	6	13	30	4	84.0	45.0	0.123
R2 1373		74	1.4	2	10	7	1	26.0	12.0	0.469
R2 1374		74	1.3	2	11	9	2	65.0	24.6	0.601
R2 1375		91	3.0	2	13	8	2	40.0	43.6	0.320

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-10599.0 (COMPLETE)

DATE PRINTED: 30-APR-91
PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
ANALYTICAL BLANK		<5	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-
Mean Value		2.5	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		5	-	-	-	-	-	-	-	-
GEOCHEM STD 1 (1989)		-	-	-	-	-	-	5.3	7.0	-
Number of Analyses		-	-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	-	5.30	7.00	-
Standard Deviation		-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	205	15	62	17	-	-	-

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-10599.0 (COMPLETE)

DATE PRINTED: 30-APR-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	AS PPM	SB PPM	Hg PPM
1369		190	2.9	5	14	29	6	53.0	70.2	2.991
Prep Duplicate		206	3.0	4	13	27	6	56.0	67.7	3.116
1373		74	1.4	2	10	7	1	26.0	12.0	0.469
Duplicate		76						27.0	14.0	

Knobby Hill / Dreamland Area
Surface Samples

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01338
SAMPLER RKS
STATE ____ COUNTY ____ DATE 4/4/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~15 ft SO of 1st location

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. ~8 ft VERT HORIZ W. 1 ft SIZE ____
REMARKS: Red to lt grey slfd tuff w/ local (minor) micro-Bxn ; strg FeOx staining and minor FeOx dissem where (local) clay alt clasts exist

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01337
SAMPLER RKS
STATE NV COUNTY Pine DATE 4/4/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill same as last location site

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. 5 ft VERT HORIZ W. 3 ft SIZE ____
REMARKS: lt grey slfd tuff w/ minor micro-bxn and FeOx stained seams

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01336
SAMPLER RKS
STATE NV COUNTY Pershing DATE 4/4
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; upper line N.

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
(SELECT) (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 2 ft VERT HORIZ W. ~2 ft SIZE ____
REMARKS: lt yllw to lt grey slfd tuff Bx ; Clasts are clay alt. and ho strg FeOx in them. Silic is erratic and follows no pattern and is not pervasive

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01341
SAMPLER RKS
STATE NV COUNTY ____ DATE 4/4/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~15 ft S of smpl 1339

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. 7 ft VERT HORIZ W. 6 ft SIZE ____
REMARKS: lt grey & wht micro-Bx tuff
Note weak to Vlt FeOx

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01340
SAMPLER ____
STATE NV COUNTY ____ DATE / /
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~10 ft SW of last smpl site

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. ~4 ft VERT HORIZ W. 1 ft SIZE ____
REMARKS: lt grey slfd Tuff & wht lcl slfd chalky clay alt' tuff Bx ; FeOx mainly on Frax
Note : the strgst slfd portion is vuggy possibly due to weathering of clay alt clasts

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01339
SAMPLER RKS
STATE NV COUNTY Pine DATE 4/4
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~60 ft S. of last smpl site

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. ~7 ft VERT HORIZ W. 1 ft SIZE ____
REMARKS: Same exact material as last ~~Sample~~ (1338)

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01342
SAMPLER
STATE ____ COUNTY ____ DATE / /
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill : ~ 15 ft S of last smpl.

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ~3 ft VERT HORIZ W. 3 ft SIZE ____

REMARKS: lt grey to wht frax lcl slfd tuff.

Note: Frax are healed with FeOx & silica

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

PROJECT Rosebud-Dreaml C 01343
SAMPLER RGS
STATE NV COUNTY ____ DATE 4/4/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~ 15 ft S. of last smpl (at the Red Arch)

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 6 ft VERT HORIZ W. 1 ft SIZE ____

REMARKS: lt grey to red Fe Stained bxd tuff w/ lcl slfd and frax ; Frax healed w FeOx

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

PROJECT Rosebud-Dreamland C 01344
SAMPLER
STATE ____ COUNTY ____ DATE / /
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill, ~ 25 ft S of Red Arch & last smpl

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ~10 ft VERT HORIZ W. .5 ft SIZE ____

REMARKS: lt grey frax slfd tuff w/ vw FeOx & lt yllw brn clay alt & lcl slfd frax tuff w mod FeOx cementing Frax

Note: I followed old channel sample location for my sample I also extended the chip smpl up and beyond end of channel which is trending South

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01345
SAMPLER
STATE ____ COUNTY ____ DATE 4/5/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~ 30 ft SW of last smpl

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 5 ft VERT HORIZ W. .5 ft SIZE ____

REMARKS: lt grey, slfd tuff Bx

Note: channel taken across a shattered fracture seam. Strong FeOx and some yllw to wht clay

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01347
SAMPLER
STATE ____ COUNTY ____ DATE / /
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill -> near mouth of Sm Cave

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 3 ft VERT HORIZ W. .5 ft SIZE ____

REMARKS: yllw & red clay gouge & frags of pink lt grey & wht slfd tuff Bx frags.

Note Select channel across yllw zone and pink zone

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01346
SAMPLER
STATE ____ COUNTY ____ DATE / /
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill ; ~ 20 ft SW of Last Smpl near Cave

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 5 ft VERT HORIZ W. 3 ft SIZE ____

REMARKS: lt grey slfd, shattered mod Fe stained tuff Bx.

Note Still in shattered Fault zone

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01348

SAMPLER

STATE ____ COUNTY ____ DATE / /

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill Some general location as last → in cave

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) ~~COMPOSITE~~ DUMP WORKING

SAMPLE DIMENSIONS: L. ~3ft VERT HORIZ W. 3ft SIZE ____

REMARKS: Red to lt. grey Fe stained shattered Tuff BX

I hammered the back of the cave to collect sample

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01349

SAMPLER

STATE ____ COUNTY ____ DATE / /

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill; ~ 50 ft S. of cave area

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

~~SELECT~~ (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 1 ft VERT HORIZ W. 1 ft SIZE ____

REMARKS: Brn-org to lt grey slfd tuff Bx cemented by FeOx

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud - Dreamland C 01350

SAMPLER RKS

STATE ____ COUNTY ____ DATE 4/5/91

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill: Far South

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) ~~COMPOSITE~~ DUMP WORKING

SAMPLE DIMENSIONS: L. 4ft VERT HORIZ W. 1ft SIZE ____

REMARKS: lt grey slfd, tuff Bx w/ wht clasts. Where frax → strong FeOx cemented

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud Dreamland C 01351

SAMPLER CMW

STATE NV COUNTY Pershing DATE 4/4/91

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill, Lower line, N end

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 8' VERT HORIZ W. 2½' SIZE ____

REMARKS: Knobby rib str silic, locally bx'd, md hematitic FeOx bn abt fractures Rock orig fb dct, but mrich FS str bx'd - Silica matrix supported, Lt-md grey color

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01352

SAMPLER CMW

STATE NV COUNTY ____ DATE 4/4/91

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill, just 15' So of 1351

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 11' VERT HORIZ W. 2' SIZE ____

REMARKS: Same as 1351; Str Si, locally bx'd lt grey fb lst w/ red hematitic FeOx on abt fracts

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01353

SAMPLER CMW

STATE NV COUNTY ____ DATE 4/4/91

QUAD ____ T. ____ R. ____ S. ____

LOCATION Knobby Hill, adjacent to 1352 on So side

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 3' VERT HORIZ W. 1' SIZE ____

REMARKS: Str silicified, str fractured zone; Rock is pure grey silica, broken up w/ 5-10% open space fractures filled w/ clayey/powdery Hematite & minor Yellowy powder

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01354
SAMPLER CMW
STATE NV COUNTY _____ DATE 4/14/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby, adjacent to 1353 on south

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 12' VERT HORIZ W. 3' SIZE _____
REMARKS: Strongly silicified lt-med grey ± flow banded Tct; Orange & red hematite & limonite on fract fractures

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01355
SAMPLER CMW
STATE NV COUNTY _____ DATE 4/14/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby Hill, lower line, ~36' So of 1354

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 12' VERT HORIZ W. 2' SIZE _____
REMARKS: Lt gray str silc Tct w/ discontinuous irregular shaped flow bands/stringers which are more clay alt'd. Locally bx'd along narrow zones. Str fractured w/ red FeOx on fractures.

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01356
SAMPLER CMW
STATE NV COUNTY _____ DATE 4/14/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby Hill, adjacent to 1355 on the So

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 8' VERT HORIZ W. 2' SIZE _____
REMARKS: Pale green fgt, (Tct) propylytic?, mod silic. Str fractured - thin cracks w/ red FeOx/hematite

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01357
SAMPLER CMW
STATE NV COUNTY _____ DATE 4/14/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby Hill, adjacent to 1356 on So

CHANNEL PANEL ~~CHIP~~ (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 8' VERT HORIZ W. 1' SIZE _____
REMARKS: Strongly shattered & brecciated Tct, Str silicified lt gray-green w/ red hematite on fract fractures; contains 2 1" wide veinlets ± goethitic FeOx w/ platy casts (after angel wing calcite?)

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01358
SAMPLER CMW
STATE NV COUNTY Elko DATE 4/15/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby Hill, Lowerline, adjacent to 1357, lower part of Knobby dying out to So

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 11' VERT HORIZ W. 2' SIZE _____
REMARKS: M-Str Silicified lt green-grey tuff (Tct) w/ irregular discontinuous stringers of flow-bands ~~~ Mod-Str fract'd w/ orang-red FeOx on fractures

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01359
SAMPLER CMW
STATE NV COUNTY _____ DATE 4/15/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION Knobby Hill, Lowerline, 15' So of ø slightly uphill from 1358

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 12' VERT HORIZ W. 2' SIZE _____
REMARKS: Str silicified brecciated flow banded tuff. Lt gray Cut by numerous 1/2" ± 2' wide silica + goethite veins (1 every 1-2") (dip steeply N) ø

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01360
SAMPLER CMW
STATE ____ COUNTY ____ DATE 4/5/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill, So-most sample on lower line; ~30' So of 1359
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 9' VERT HORIZ W. 3' SIZE ____
REMARKS: Mod-str to str silicified pale pink-grey Ø fgt, mod fract'd w/ ermag FeOx on fract's Cut by a few 1/2"-1" goethite + SiO2 veins

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01361
SAMPLER ____
STATE ____ COUNTY ____ DATE 4/5/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill: Far South end of upper line near 1350 smple
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 10ft VERT HORIZ W. 10ft SIZE ____
REMARKS: Brn-org strong FeOx stained Tuff Bx. lt gray sltd Bx frags
Select smple from steep outcop above

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01362
SAMPLER CMW
STATE NV COUNTY ____ DATE 4/5/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill, slope of hill below 1358, 59, 60
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 40' VERT HORIZ W. 40' SIZE ____
REMARKS: Select chunks of float - dk brown "gossany" goethite + silica rich pieces

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud/Dreamland C 01363
SAMPLER CMW
STATE NV COUNTY ____ DATE 4/5/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION Knobby Hill; float from slope below 1351 -> 1354
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 40' VERT HORIZ W. 20' SIZE ____
REMARKS: Select float, bleached ♦silic fgt w/ abt dk brown vuggy goethite + silica

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01364
SAMPLER RKS
STATE ____ COUNTY ____ DATE 4/11/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION N Knobby Hill; far North end of east (upper) line
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 5ft VERT HORIZ W. 2ft SIZE ____
REMARKS: lt grey to wht. Fe Stained sltd tuff Bx w/ micro vein qtz

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01365
SAMPLER RKS
STATE ____ COUNTY ____ DATE 4/11/91
QUAD ____ T. ____ R. ____ S. ____
LOCATION N Knobby Hill; 2ft S. of last smpl
CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 4ft VERT HORIZ W. 2ft SIZE ____
REMARKS: Same as last smpl

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01366
SAMPLER RKS
STATE _____ COUNTY _____ DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill ; ~ 4 ft S. of last smpl.

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____
REMARKS: lt grey and wht clay alt, Fe stained lcl slfd tuff Bx w/ trace vein qtz

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01367
SAMPLER RKS
STATE _____ COUNTY _____ DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill ; ~ 10 ft S- of last smpl

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. 4 ft VERT HORIZ W. 3 ft SIZE _____
REMARKS: Same as smpl 1364 & 1365 w/ the exception of qtz vein size → slightly wider qtz vein (~ 2mm)

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01368
SAMPLER RKS
STATE _____ COUNTY _____ DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill ; Far North end of lowr (west) line

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. 4A VERT HORIZ W. 4ft SIZE _____
REMARKS: lt grey to wht Fe-stained, slfd tuff Bx

Note: Strg Frax

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01369
SAMPLER RKS
STATE _____ COUNTY _____ DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill ; ~ 2ft S of last smpl

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
(SELECT) (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 3ft VERT HORIZ W. .5ft SIZE _____
REMARKS: Strong Fe-stained and Fe/silica cemented tuff Bx

note: smpl taken from a small fault seam

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01370
SAMPLER RKS
STATE NV COUNTY Pine DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill ; Smpl ~ 2ft South of last

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING
SAMPLE DIMENSIONS: L. 2ft VERT HORIZ W. 2ft SIZE _____
REMARKS: lt grey Fe-stained intense Frax, slfd, tuff Bx

Note: Clay seams criss-cross through outcrop → weathers to small caves under main slfd outcrop. Very flat structure almost horizontal

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01371
SAMPLER RKS
STATE _____ COUNTY _____ DATE 4/11/91
QUAD _____ T. _____ R. _____ S. _____
LOCATION N Knobby Hill, ~ 20ft S of last smpl

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL
SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING
SAMPLE DIMENSIONS: L. 15 ft VERT HORIZ W. 1 ft SIZE _____
REMARKS: lt grey & wht Fe-Stained slfd tuff Bx

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01372

SAMPLER RKS

STATE NV COUNTY Pers DATE 4/11/91

QUAD _____ T. _____ R. _____ S. _____

LOCATION N Knobby Hill ; ~15ft S of last smpl.

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

(SELECT) (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. 2ft VERT HORIZ W. .5ft SIZE _____

REMARKS: Strg Fe - Stained Fe/silica cemented tuff Bx

Note ; Smple from a sm fault zone

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01373

SAMPLER RKS

STATE NV COUNTY Pers DATE 4/11/91

QUAD _____ T. _____ R. _____ S. _____

LOCATION N Knobby Hill ; ~1ft S. of last smpl

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING

SAMPLE DIMENSIONS: L. 8ft VERT HORIZ W. 2ft. SIZE _____

REMARKS: lt grey to wht. vuggy arg ε slfd tuff Bx.

Note : outcrop very Frax

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01374

SAMPLER RKS

STATE NV COUNTY _____ DATE 4/11/91

QUAD _____ T. _____ R. _____ S. _____

LOCATION main Knobby Hill ; At Far S. end of upper (east) fine ~10ft North of 1361

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING

SAMPLE DIMENSIONS: L. 6ft VERT HORIZ W. 1ft SIZE _____

REMARKS: lt grey ε wht Fe-Stained slfd tuff Bx

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud-Dreamland C 01375

SAMPLER RKS

STATE NV COUNTY Pers DATE 4/11/91

QUAD _____ T. _____ R. _____ S. _____

LOCATION main Knobby Hill ; ~15ft N of Last smpl

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) (COMPOSITE) DUMP WORKING

SAMPLE DIMENSIONS: L. 5ft VERT HORIZ W. 1ft SIZE _____

REMARKS: Very Frax. lt grey ε wht slfd vuggy tuff Bx w/ Py relics ε Brn-arg Fe/silica cemented slfd tuff Bx w/ stg Py relics

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

Boodhud Mine

G.P. ADIT NO. 2

USMM 207

1800

1758

1725

1600

1593

1654

1817

1894

4WD

1750

1650

Rosebud
Sulphur Peak
1980
Atw
PPm
4WD
1800
1700
1650
1725
1817
1894
Rosebud Mine
DREAMLAND ADIT NO. 1
DREAMLAND ADIT NO. 2
DREAMLAND ADIT NO. 3
(lower haulage level)
DREAMLAND ADIT NO. 4
(stope access)
DREAMLAND ADIT NO. 5
G.P. ADIT NO. 2
USMM
207
13
.042/6.93
.013/8.38
0.005/0.145
.152/9.01
.097/7.8
<0.0005/0.041
0.005/0.056
0.006/0.047
0.028/0.076
<0.0005/0.072
.344/5.89
0.026/0.269
0.008/0.161
0.110/1.19
.012/0.2
.028/0.1
.068/3.32
.073/1.18
.022/0.2
.065/0.3
.120/0.3
.093/1.14
.114/0.2
.044/0.2
.146/1.5
.162/4.19
.167/7.96
.110/0.5
.015/.066
.033/0.2
.007/.049
.037/0.2
.124/1.4
0.007/0.252
0.019/1.25
0.002/0.126
.365/2.83
0.047/0.1
0.041/7.47
0.038/1.66
.053/0.8
.065/.238
<0.0005/0.167
<0.0005/0.067
0.008/0.095
0.002/0.097
0.243/0.720
0.001/0.053
0.04/0.610
.08/.672
.044/.772
.06/.759
.517/26.2
.014/1.1
.009/.673
.204/.382
.044/.209
.085/.487
.040/1.27
2.62/76.3
.107/7.84
.218/8.57
.153/.193
.362/25.2
.007/20.3
.798/51.6
.215/1.56
.401/15.6
.004/.334
.040/26.9
12.8/220
5.01/18.3
.06/4.05
2.45/10.8
11.2/309
1.1/21.6
.55/17.9
4.9/132
4.79/75.3
.375/2.47
.604/68.7
.384/18.8
1.52/9.93
1.56/150
.029/0.1
.96/158
.7260/63
.404/135
.753/139
.485/43.1
0.005/0.082
.104/0.2
0.011/0.089
0.027/0.08
0.007/0.270
0.032/0.085
0.104/0.321
0.024/0.098
0.016/0.596
0.019/0.240
0.018/0.140
0.022/0.475
0.011/0.837
0.008/0.088
0.005/0.130
0.039/1.47
0.035/1.7
0.025/0.974
0.012/0.751
0.093/0.099
0.035/0.06
0.001/0.093
0.008/0.099
0.140/0.138
0.006/0.337
.039/0.2
.062/.223
0.054/5.55
0.215/2.11
0.008/0.094
0.022/1.38
0.098/1.69
0.105/1.2
0.043/2.66
0.024/2.38

Sulphur Peak

Rosebud

1980

4WD

1800

1804

1825

1650

1877

Rosebud Mine

DREAMLAND ADIT NO. 2

DREAMLAND ADIT NO. 5

DREAMLAND ADIT NO. 4
(stope access)

DREAMLAND ADIT NO. 3
(lower haulage level)

G.P. ADIT NO. 2

USMM 207

Dreamland

old samples

Surface Samples at Dranland

Lucky Boy

A 5723 → 26

DL#1 : A 5727

Knobby Hill – not surface sampled

Upper LA stope : A 5730

DL#2 area : A 5728, 29, 33, 34
& B #499 area

Near haulstation at Ånerd:
E C2191-94

Near DL#3 : B450, A5737
A5741, 5732

outlying to N
A 5690, 95
A 5730
B 448 ?

9 more further N

Near DL#4 5740
Near rut stripes on DL#4 B 451
Near RB-1 struct: B 452
Near small adit to RB-1 struct: A 5735 - westerly
Near DL#7 A 5736, 38
East Dearborn A 5691, 92, 5742, 43

FA 42220, 21, 22, 18, 19 East Pleasant

(B7453-457 (valley by DL#1)

In DL#1 B7449-57 (DL#1 area)

In DL#2 B 7499, 7500, 7501 DL#2 area

~~B7258 S1-57~~

These are in DL# 3/5 underground should not be plotted B 7251 - 7258 (Pgr LA) near Knobby

These are surface samples C 2192-94 near KL-15

In DL#3/3 B 7458, 59 east of KL-15

In DL#3/3 B 7489, 90, 91 valley N of KL-15

In DL#4 & #5 B 7479-88, 92-98 DL#4 ridge

A-5793 WR 3pt. Area
A-5885 WR 5pg. Area
A-5753 Gary 1/4 mile SWRB Pk

What is [illegible] AD 334 high Ag + Hy? Early [illegible] in Rosebud

LUCKY BOY

A 5695

A 5723-5726

C 2154

+s: 6

WHITE ALPS

B 445

C-2118 → 2136

C 2151 + 2153

C 2177-80

O 5527

+s: 28

Equinox-RB

A 5765-5768

A-6201

A 6203-6220 + OA 60815L

A 6222

A 6232-6233

A 6284-6299

A 6347-6373

+s: 73 (88 with underground)

SHORT SHOT

A 6304

A 6336-6346

B 155

B 447

B 6896-6897

C 2111-2117

C-2142

C 2144

C 2171-2174

C 2175-2176

C 2195

H-5151

+s: 31

GATOR

A 5780-5781

A 5786-5788

A 5789-5790

A 5794-5799

A 5886-5892

A 6320

B 470

+s: 22

A-5793 ??

A-5885 + A 5893

DREAMLAND

A 5690

A 5695

A 5727-5735

A 5736-5738 5731 (white ALPS?)

A 5740-5742

A-5903

B 448-449

B 450 [illegible]

B 452

C 2191-2194

O 5049

RB-01

+s: 25 (64 with underground)

GP CLAIMS

A 5689

A 5691-5694

A 5708-5713

A 5719-5722

A 5739

A 5743-5744

A 5750-5752

A 5900-5903 5904? didn't find on map

A-6234-35

A 6236-6255

A 6263-6272

A 6331-6385

No such animal?? A 6780-6782

B 444

B 446

B 451 B 5481 B 5483 B-B5485 5494

A B 57[illegible] No such Animal

B 5996-5997

B 5999-6000

B 6763-6777

B-6778-6782

B 6783-6785

B 6893-6894

(B 6898) See Bud

Wild CLAIMS

A 5782-5785

A 5898-5899

A 5905-5910

A 5914-5925

A 6300

B 113 + B 500

+s: 25

OPEN GROUND

A 5749

A 5792

A 6273-6281 (old St. Joe)

C 2008 RB-02

+s: 11

GP CLAIMS

C 2137-2141

C 2143

C 2145-2150-2152

C 2155-2170

C 2181-2190

O 5039-5048

O 5150

O 5152-5154

O 5526

O 5528

O 5532-5534

+s: 247

(260 with underground)

CONSTELLATION

A 5894-96

+s: 2

COLD SULFUR

A 5775-5776

A 6321-6322

B 465

+s: 5

RFG CLAIMS

A 6388-6397

C 2007

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05724

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine area to W

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: Brecciated bleached volc - angular to semi rounded, well silicified, vugs lined w/ cryst Felx qtz poss w/ jarosite, matrix dk gray ? riddled w/ sulfides, matrix as well has been brecciated looks good

2.62 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05723

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine area to W

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: Brecciated, mod silicified as unhomogen flush, locally clasts clay alt, mod stn limon to eth limon along fract, in silic pods matrix dk gray - sulfides w/ clasts indepen hemit - red w/in in more sacroidal zones more golden throu flush w/ ↑ concent in clasts

.517 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

Bay #2 Lucky Jay near Lucky

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05726

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine Area to W

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

(SELECT) (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: Highly oxidized w/ homogen Felx dissem, strongly alt. ; w/ relic sulf. vugs, strong earthy hemitite in center

.107 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05725

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine area to W

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ~4' across VERT HORIZ W. ____ SIZE ____

REMARKS: Chip sample taken across ceiling of portal in shear zone - bleached, clay altered ; mod earthy limonite well gouged, calcedonic qtz nearby

trend of adit ~ N 40 W

.218 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05728

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Mine area Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: 2-3 stages of brecciation clasts brecciated > bleached to FeOx at least 3-4 stgs silicific. sacroidal texture, local FeOx qtz lining vugs poss jarosite, locally clasts contain wk diss py. matrix wl weak diss py fract; pods of clay alt, FeOx along fract

near DL #2

.215 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05727

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Mine area (DL #1?) or across valley?

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: Adit - chip ~ every 4' from each side - length of adit ~ 150-200' trend ~ due E predominant shearing wl mod str clay alt, bleaching; mod str FeOx throughout ~ local boudins of silicification brecciat + fracturing throughout local pods of calcedonic qtz - needs to be more systematic sample .153 ppm Au due to darkness - sight limited for representative sample

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05730

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Mine Area

Upper LA Stope?

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: prospect - deep shaft somewhat following ∥ to slope at depth massive shaft. wl great horned owl resident. Outcrop → brecciated bleached volc. sacroidal texture of matrix; clasts, weak clay alt. trace to none FeOx - matrix is brecciated; light → med gray (sulfides) visible wk dissem py

1362 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05729

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Mine Area Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: 2-3 stg brecciation - wl mod FeOx homogen throughout matrix which too is brecciated clasts - bleached to limonitic; siliceous less brecciated zones of pure silica flush are riddled wl stibnite, vugs lined wl FeOx-xta qtz, local pods of clay alt

near DL #2

.798 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

PROJECT Rosebud A 05732

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: taken from dump breccia clasts are all oxidized - sandy - fine texture w/ occasional qtz veinlets originating in matrix, matrix is brecciated w/ milky white to lt gray color; possible tr stibnite in larger FeOx clasts

N of DL#5, prob in dump from Brown palace

.004 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05731

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION NW of RB Proper

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: FAULT: N 84E 84NW to NW of th sample: brecciation w/ strong - intense hematite, bleached mod silicified, str MnO; hematite matrix is brecciated, minor disem py in matrix; locally in clasts ~ 3+ stages silicif

N of Rosebud - prob in Badger

THE WIND IS CRAZY

.08 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05734

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Mine Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: Bleached, brecciated, clay altered outcrop - rep samp of Bl-clay, matrix is brecciated w/ mod silica content wcrt qtz veinlets w/ in bleached clasts possible wk dissem sulf in matrix

E of DL#2

.401 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05733

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. R. S.

LOCATION Rosebud Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: @ prospect pit intense brecciation - 2 stage at least clasts predom. bleached to locally oxidized matrix brecciated w/ str silica ± poss wk dissem sulfides. mod earthy limon along fractures, wk clay alt in pods locally

SE of DL#2

12.8 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

PROJECT Rosebud A 05736

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION E Rosebud

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: adit w/ E-W trend structure strongly bleached, brecciated w/ mod localized silica flush ~ 2 stg breccia, clasts angular w/ fn grain granular texture 2ndary xtl qtz veinlets; fracture fill, locally clasts are FeOxiz locally matrix gray - poss diss sulf

Prob DL #7

4.90 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05735

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine slightly SE

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: shaft - comb adit sample taken across face of shear — EW → 70 N brecciated w/ small rounded clasts of mod silic volc. fracture fill earthy limonites; weaker hematite, mod clay alt

From Adit RB-1 - go west along some struct to small adit/shaft

.375 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05738

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION E Rosebud

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: small prospect lying along E-W structure - brecciat of matrix ~ 2 to 3 stg clasts oxidized matrix - xtl to granular qtz w/ mod str FeOx well silicif throughout lg local open fract-vugs lined w/ limonitic cryst qtz

Uphill from DL #7

1.55 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05737

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/7/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud Mine Proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: sample of portal face on S side well brecciated, strongly bleached → clay altered matrix - brecciated wk FeOx along fractures, weak silicic stockwork, weak silica content

Prob at mouth to DL #3 headage tunnel

.06 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05741

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION Rb proper

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: bleached, brecciated - wk volc, minor limonreplac pyrite gran - xtl qtz filling ; matrix mod str earthy limonite in fract pods - locally qtz fill is homogen FeOxidized, piss sericite

not extremely juicy

Near DL#5
2.45 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05740

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION Rb proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: well altered, bleached, mod-w silicified ; local clay alt minor limon replac py, strong earthy limonite ; hermitite, local MnO superficially ; few veinlets assoc w/ hemat

ADIT on E-W trend

prob DL #4

1.1 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05743

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION E of Rb proper

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: prospect pit - sample same As descrip. → # A05691 however ↓ in sulfides

East Dreamland

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05742

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION E of Rb PROPER

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: prospect pit - silic stringers ~6" wide, w/in clay alt, fractured volc, silic : are well brecciated, matrix sacrordal predom to chaceldon - brecc - fine vugs (pods) of earthy limon ; locally bright orange-red (As), clasts - well silic locally matrix mod well ox

East Dreamland

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05745

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION SE of Rosebud Mine

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: Major Shaft - mod to ~~str~~ silic; brecciation clasts - bleached w/ fine dissem sulfides, matrix is fine breccia w/ mod dissem py; poss Stibnite, wk to tr FeOx except surficial oxidation. Silica → sacroidal

JUICY!

East Dreamland

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05744

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION SE Roscbud

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

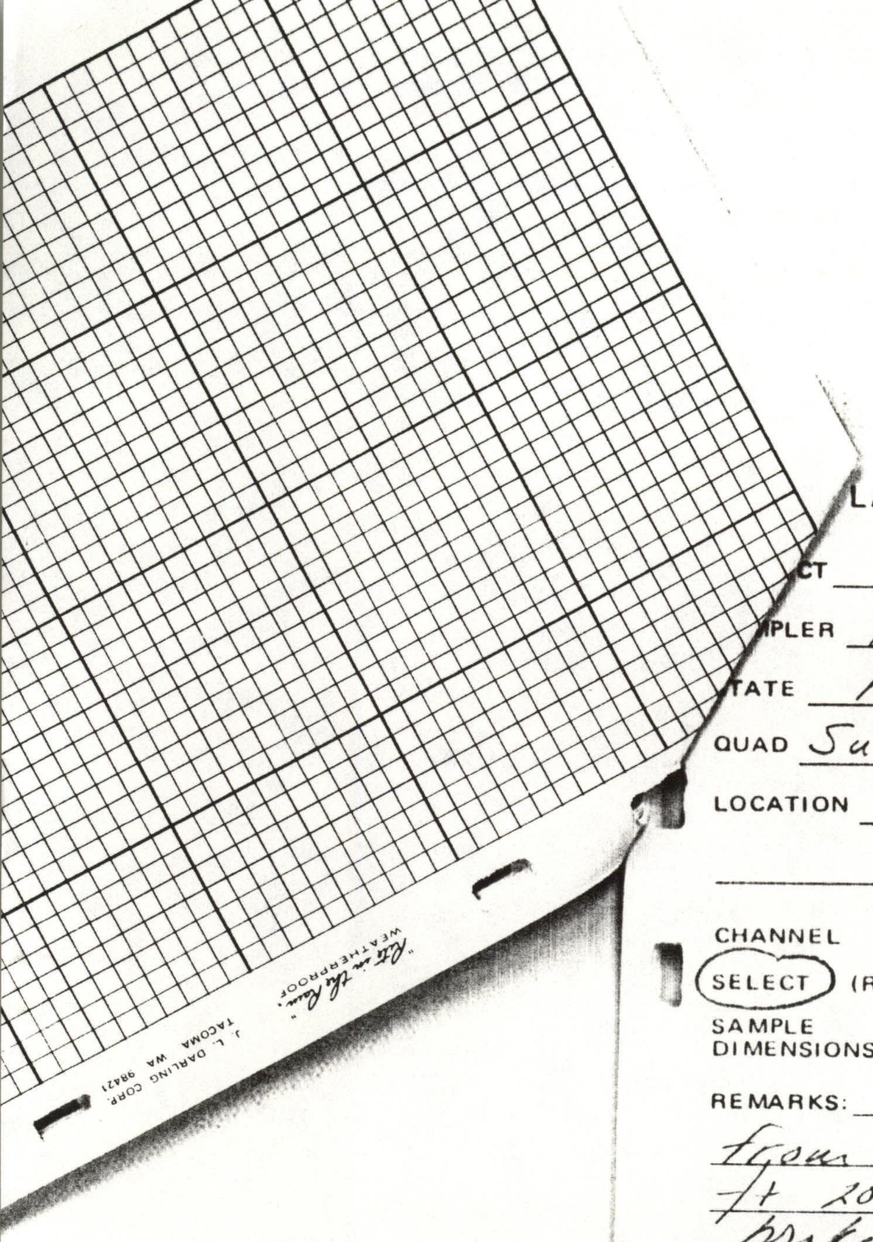
SELECT (REP./HIGH-GRADE) COMPOSITE ~~DUMP~~ WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: Shaft, bleached brecciated silicified, sacroidal silicif. vuggy w/ qtz+hem; limon lining - crystalline local deep burgundy oxides in vugs tr. limon relic py, local pods white clay - few bleached clasts may contain chlorite

East Dreamland

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W



LAC MINERAL EXPLORATION - U.S.A.

PROJECT Kamma Mtns. B 00448

SAMPLER REB

STATE NV. COUNTY Persh. DATE 7/20/87

QUAD Sulphur T. 34N. R. 29E. S. 13

LOCATION

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

(SELECT) (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

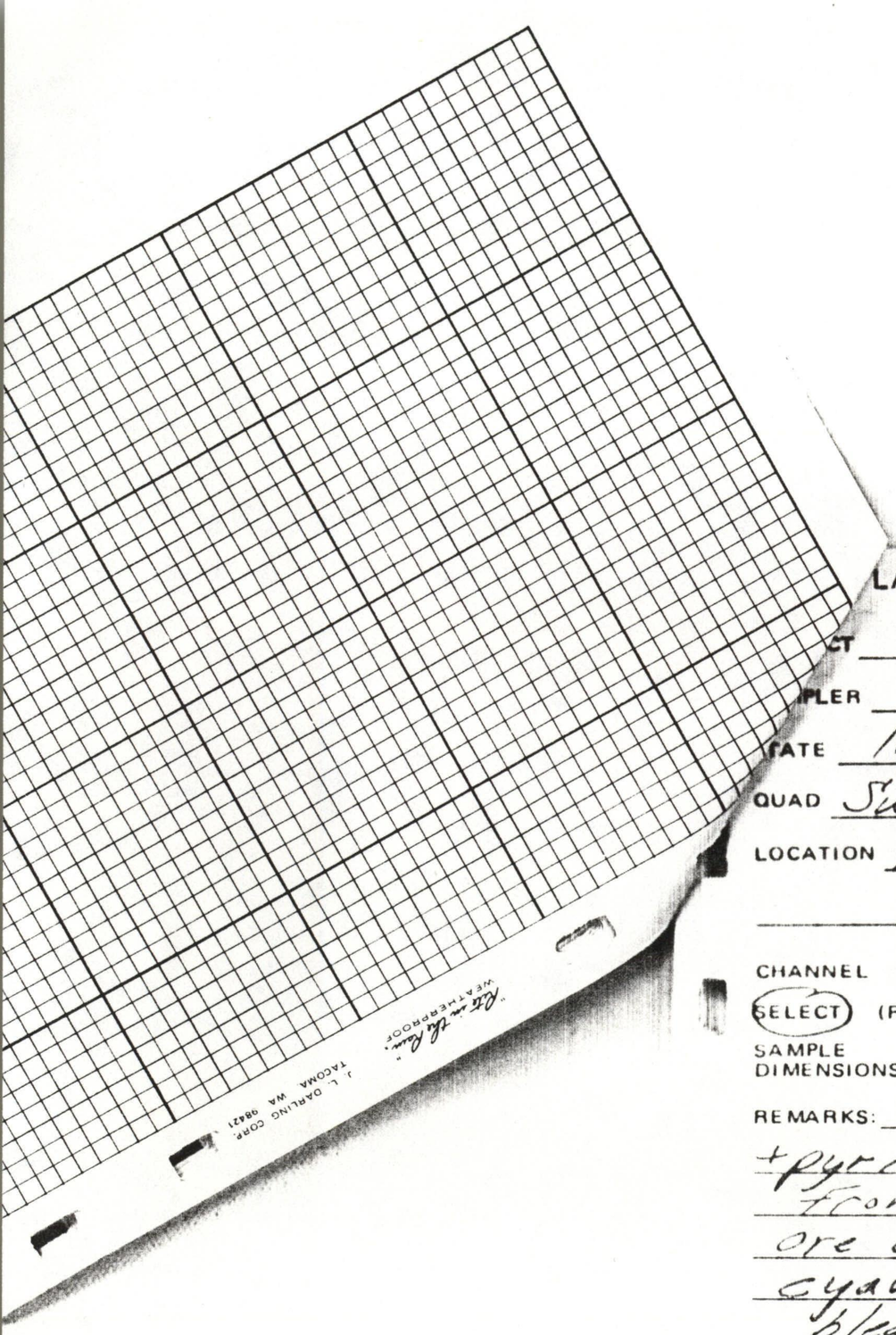
SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: Fe-stained Tv. breccia from bright red dump ± 20-30' deep shaft in broken + poorly consolidated breccia w/ black + orange red Fe-oxides. Wk. silicification locally.

.044 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

Badger
N of main Robelsud



LAC MINERAL EXPLORATION - U.S.A.

PROJECT Kamma Mts. B 00449

SAMPLER REB

STATE NV. COUNTY Persh. DATE 7/20/87

QUAD Sulphur. T. 34N. R. 29E. S. 13

LOCATION main Rosebud mine area

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

(SELECT) (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

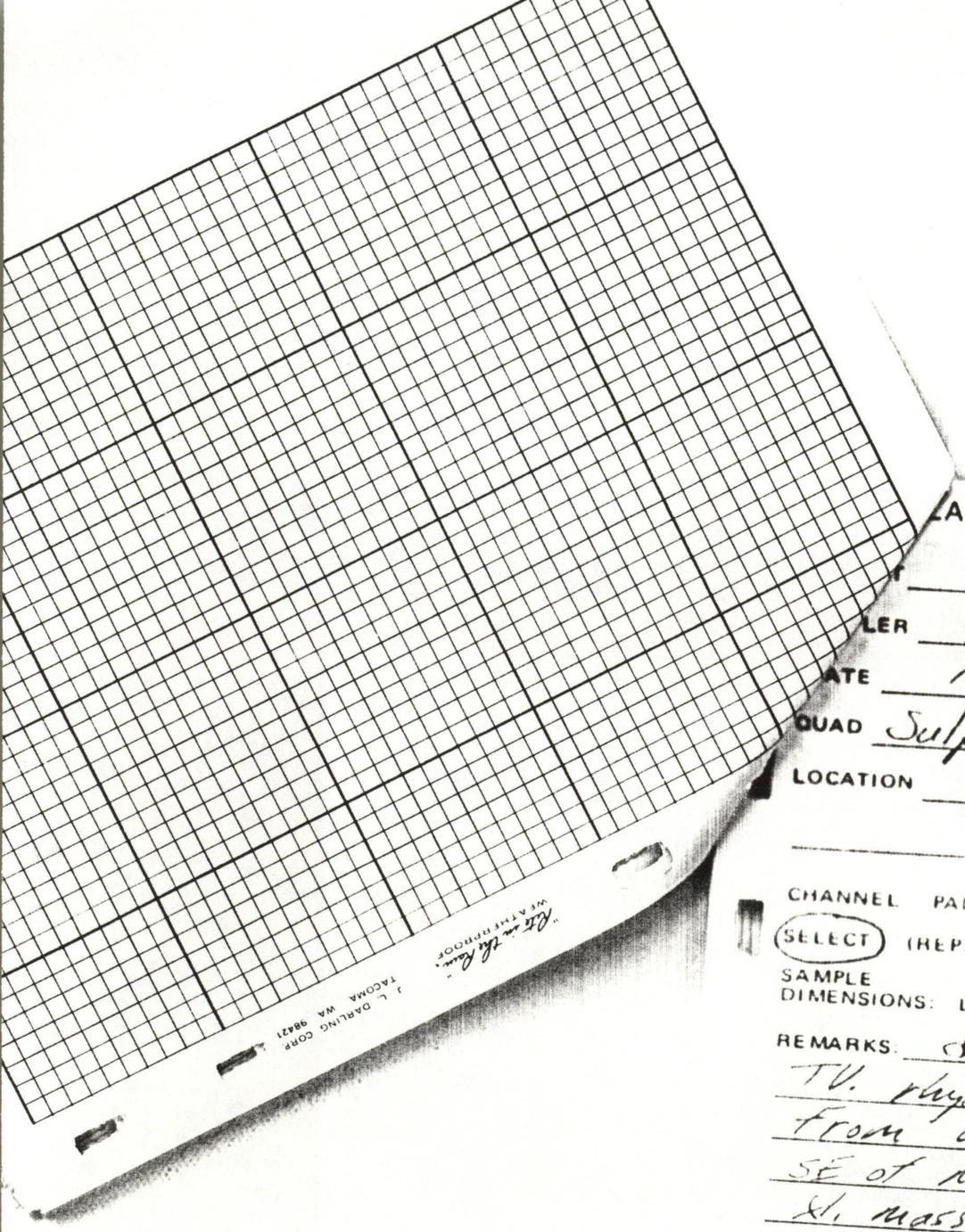
SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: 1 piece of chalcedonic + pyritic Rhyolite tuff breccia from dump area next to ore chute / mill above cyanide tanks. Rx. are bleached + argillically altered. Somewhat oxidized fragments but fresh pylite in more siliceous matrix areas. Yellow Fe-sulfate stain on weathered surface.

.949 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

Dump near DL #2



LAC MINERAL EXPLORATION - U.S.A.

PROJECT Kamma Mtns. B 00450

GEOLOGIST REB

STATE NV. COUNTY Persh. DATE 7/20/87

QUAD Sulphur T. 34N. R. 29E. S. 13

LOCATION

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

(SELECT) (REP (HIGH GRADE)? COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

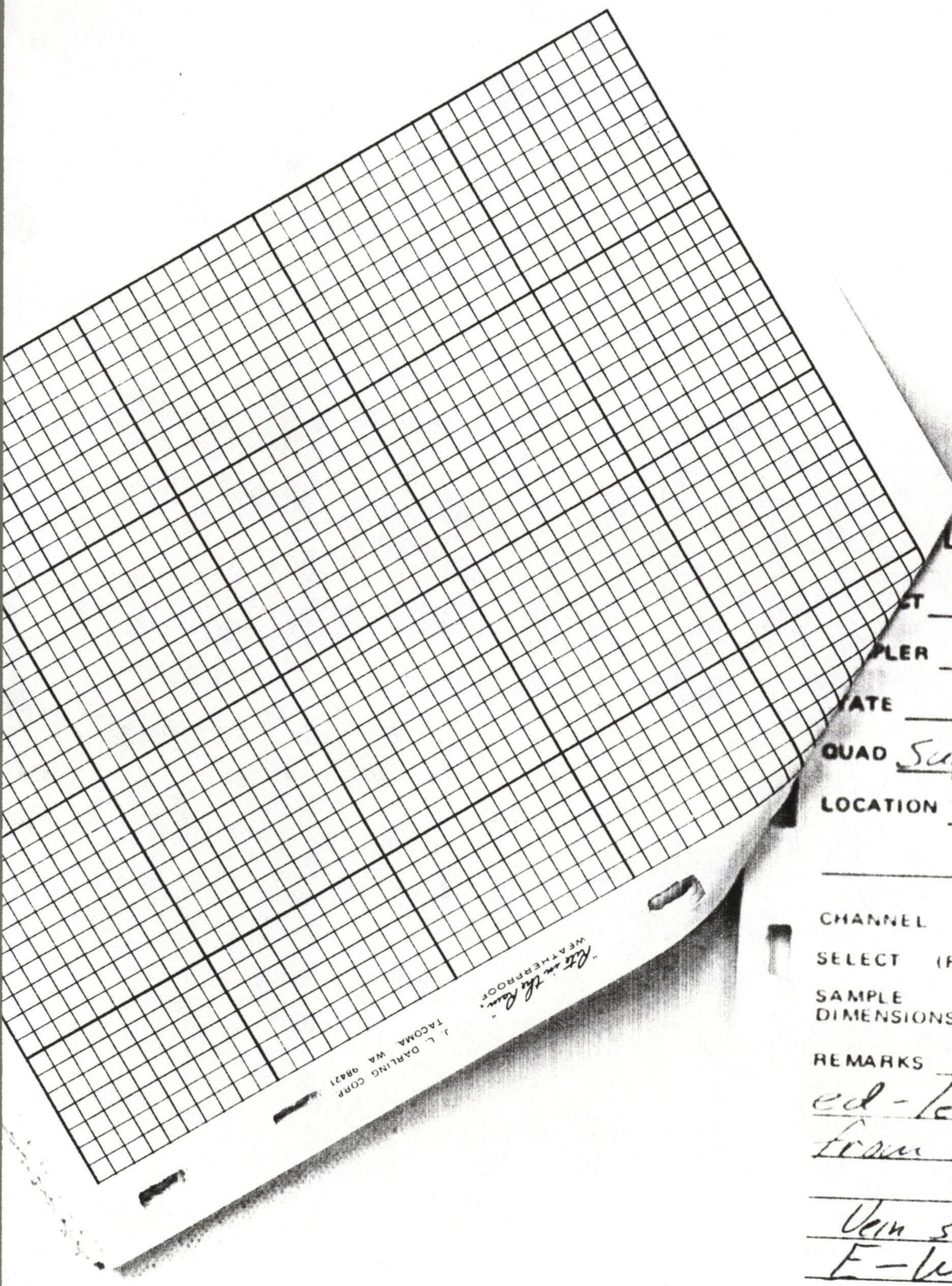
REMARKS: decomposed + sulfidic TV. rhyolite tuff breccia From wooden ore chute SE of main cyanide plant. Xl. masses of pyrite in white powdery chute material, few rx. in chute sand included in sample.

5.01 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

5.01 ppm Au

Prb on Brown Palace Dump



LAC MINERAL EXPLORATION - U.S.A.

PROJECT Hamma Mtns. B 00451

SAMPLER REB

STATE NV. COUNTY Persh. DATE 7/20/87

QUAD Sulphur T. 34N. R. 29E. S. 13

LOCATION

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

SELECT (REP/HIGH GRADE)? COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS L. _____ VERT HORIZ W. _____ SIZE _____

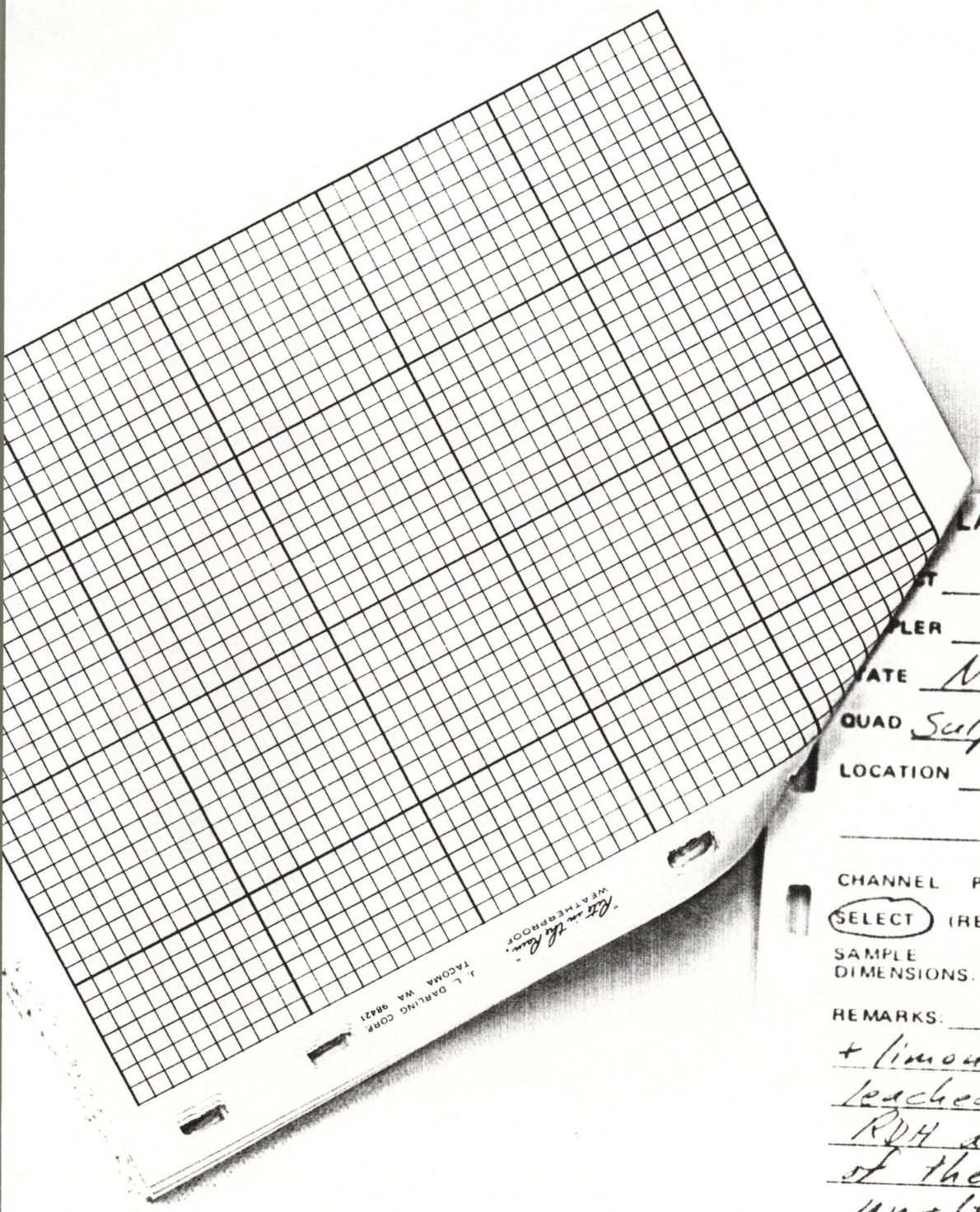
REMARKS limonitic Fe-stained, bleached-ed-leached-argillized Tr, Tt (from dozer pile? (or stockpile?)

Vein set here trend N85°W to E-W, + dip steeply south.

11.2 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

Near stops on Road worked by DL#4



LAC MINERAL EXPLORATION - U.S.A.

PROJECT Kamma Mtns. B 00452

SAMPLER RCB

STATE NV. COUNTY Persh. DATE 7/20/87

QUAD Sulphur T. 34N. R. 29E. S. 13

LOCATION

CHANNEL PANEL CHIP OUTCROP FLOAT STREAM SOIL

(SELECT) (REP/HIGH GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: Fe-stained -- brick-red + limonitic (orange-brn) -- bleached, leached + oxidized Tr/Tt. RVH at this location -- a lot of the cuttings look like unaltered Tv. Argillic alteration prob. not very continuous beyond actual vein margins + mineralization contained in shears 5' or less thick.

4.79 ppm Au

Near RB-1

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud Reconn A 05690

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION Rb proper

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: mod str oxidized zone prospect - breccia - limon to hem (mod) oxidized volc, wk silicif. matrix is minor w/ calcedonic to granular texture directly E of Rb proper, locally matrix is finely brecciated, locally clasts have fine qtz veinlets w/in - as cross cut, matrix → white to opaque, few clasts w/k clay alt

Prob in Badger Qc just So of true Badger fault contact, E of LA. working

.007 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05689

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/5/88

QUAD SULFUR T. R. S.

LOCATION Rosebud Mine AREA - to W (Way west)

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: Brecciated, silicified volcanics siliceous matrix - mod well local 3way clasts w/ fn dissem sulfides minor open pods w/ dk hematitic lining local fractures w/ white clay alt. minor small vugs of earthy limonite local clasts - bleached; wk - mod silicif few veinlets blk, lustrious hematite w/in zone of silic outcrop - w/ intermittent zones of brecciation

.085 ppm Au

local leisgang banding in outcrop

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05692

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION E of Rb proper

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: silic zone ~ 5' N of prospect ~ 8" wide same description as 05691 however slight ↓ in sulfides ; ↑ in dissem FeOx throughout locally silica more laminated

East Dreamland

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05691

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. R. S.

LOCATION E of Rb Proper

CHANNEL PANEL (CHIP) (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. VERT HORIZ W. SIZE

REMARKS: Bleached, brecciated, strongly silicified volc. mod dissem stibnite ; pyrite, independent of each other sacroidal texture, ltl qtz lining vugs locally clasts have flush of FeOx w/in ; some w/ fine qtz stockwork (appears to only be ~ 8"-6" wide zone w/ in well fract; bleached volc)

East Dreamland
looks good!

Assay For: (Au) (Ag) (As) (Sb) (Hg) Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05694

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/5/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION SW Rosebud ?

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: appearance of gossanous texture, mod well brecciated mod vuggy matrix, strong FeOx throughout matrix clasts predom silty w/ earthy limonite golden to burnt orange, locally bleached clasts w/ tr. zones/pods of pyrite disseminat. locally vugs lined w/ calcedonic silica; strong earthy limonite to specular hematite

.044 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05693

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/5/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION SW Rosebud ?

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: zones of breccia w/in volc fine brecciation, matrix well silic local clasts of 1) pyrite mineraliz. 2) clay alt 3) limonite, wkly dissem sulfides w/in matrix, local veinlets of FeOx, zones of bleachin. local vugs of earthy limonite

.04 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

PROJECT Rosebud A 05695

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/5/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION Rosebud - slightly w of mine proper

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: strongly bleached w/ strong earthy limonite to dk pass mgo and fractures mod. brecciated w/ strong earthy limon in semi dry porous matrix, local veinlets of FeOx

Valley w/ sharp contact between Choc & Badge

.06 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LONG LAC MINERAL EXPLORATION - U.S.A.

4

PROJECT Rosebud A 05903

SAMPLER KLK

STATE NV COUNTY Pershing DATE 4/8/88

QUAD Sulfur T. ____ R. ____ S. ____

LOCATION N of Rb proper

CHANNEL PANEL (CHIP) OUTCROP FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE (DUMP) WORKING

SAMPLE DIMENSIONS: L. ____ VERT HORIZ W. ____ SIZE ____

REMARKS: shaft, hemitite breccia, trace to weak silicification all clasts mod hemit → limonite, matrix is hemititic; fine breccia local fine Fe⁰ veinlets

shaft in Badger

.007 ppm Au

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud C 02193

SAMPLER KLK

STATE NV COUNTY Pershing DATE 11/10/88

QUAD Sulfur T. 34N R. 29E S. 13

LOCATION main Rosebud mine site

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: same discription as C2192 - fractured zone w/ mod str limonite develop. and increase in clay alt

SE of Rb-15

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud C 02192

SAMPLER KLK

STATE NV COUNTY Pershing DATE 11/10/88

QUAD Sulfur T. 34N R. 29E S. 13

LOCATION main Rosebud mine Site

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: mod argillically alt dacite tuff - fracture zone w/ mod assoc. mod clay + ~~Stevn~~ limonite, mod to wkly silicified, clay is soft talcy. Trace relict limon' replaced py

SE of RB-15

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud C 02195

SAMPLER KLK

STATE NV COUNTY Pershing DATE 10/11/88

QUAD Sulfur T. 34N R. 29E S. 13

LOCATION lower road SE of shaft @ switchback below Rosebud Peak

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: dacite tuff(?) vcr well fractured w/ strong limonite; mod clay alt, mod to weak silicification or chlorite alt vuggy w/ clay + FeOx

SE of RB-15

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

LAC MINERALS U.S.A. (INC.)

PROJECT Rosebud C 02194

SAMPLER KLK

STATE NV COUNTY Pershing DATE 11/10/88

QUAD Sulfur T. 34N R. 29E S. 13

LOCATION main Rosebud mine Site

CHANNEL PANEL CHIP (OUTCROP) FLOAT STREAM SOIL

SELECT (REP./HIGH-GRADE) COMPOSITE DUMP WORKING

SAMPLE DIMENSIONS: L. _____ VERT HORIZ W. _____ SIZE _____

REMARKS: weak argillic alt of dacite tuff, mod fracturing w/ limonite + minor clay and local relict limonite replaced pyrite casts

SE of RB-15

Assay For: Au Ag As Sb Hg Tl Cu Mo Pb Zn W

A 6221 —

A 6223-6224 = 6225?

A 6226-6231 —

A 6282-6283 —

A 6301-6303 —

A 6305-6319 —

A 6323-6330 —

A 6377-6387 —

A 6398-6399 —

A 6400-6410 —

B 6895 —

B 6898-6900 —

B 7103-7109 —

B 7213-7214 — LOA < 80630H

C 2001-2006 —

C 2009-2068 —

C-2069-74

C 2075-2085 — Missin

C-2086

† Not on map

C 2087-2097 —

C-2098-C-2100

C 2101-2110 —

D-5529-31

RB-03

A 6314...76 Dozer Hill Trench

Missing 6248-6249 6287-6288 †

CHANCE CLAIMS

B 475

B 477-478

Bud

total samples = 211 (254 with underground)

Grand Total = 697
without underground

GRAND TOTAL with underground = 807

Dreamland

B 7251-7257

B 7449-7459

B 7479-7498+7499

B 7500

+s: 39

Bud Southridge No's 1, 2, 3

B 7259-7262 +4258

B 7441-7448

B 7460-7478

+s: 31

GP ADITS

A 6200

B 7263-727

+s: 13

Dozer Hill - BUD

B 7421-7432

+s: 12

RB's Southridge

A B 6256-6262

B 7433-7440

+s = 15

total underground 110