60001389

Mining District File Summary Sheet

DISTRICT	Rosebud
DIST_NO	4010
COUNTY If different from written on document	Pershing
TITLE If not obvious	Rosebud Drill Hole File - Hole No. RL-162
AUTHOR	P. Grafft
DATE OF DOC(S)	1990
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Eklund Drilling; Lac Minerals (USA), Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 445' handwritten notes; directional survey 15p. 1 long paper strip.

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: DD 5/10/08
Initials Date
DB: mah
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

DRILL LOGS RL-162
Rosebud

60001389 4010

60001389

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL-162 TOTAL DEPTH 445' LOGGED BY _____

10gpm H_2O @ 390'

Date started 11.8.90

Date completed 11.9.90

Initial bearing S55E

Initial inclination -45

Elevation 5322.5

Collar coordinates:

N 2,203,352

E 481,896.6

Contractor: Ekund

Drill Type: MPD-1000

Hole Size: 4 3/4

Drilling Conditions: _____

Footage: Wet / Dry DRY to 265'

10gpm H_2O @ 390'

Comments: Good Drilling

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLI-NATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)
0	25		-45	S 55 E			
25	75		-47.5	S 48.9 E			
75	125		-49.4	S 48.1 E			
125	175		-51.2	S 48.1 E			
175	225		-53.6	S 46.8 E			
225	275		-55.6	S 41.2 E			
275	325		-57.6	S 40.3 E			
325	375		-58.3	S 39.2 E			
375	445		-60.1	S 38.3 E			

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXXXXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-162

Page 1 of 5

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		Ox XX							LT Rd + LIGRN					0—315 FINE GRAIN TUFF — SILICIFIED, Bxd, ox'd	.002	<		
05														w minor SULFIDES	.003	.10		
10														Druzy Qtz common	.011	.23		
15															.006	.16		
20															.004	.31		
25															.005	.27		
30									LT GRN + YELLOW						missing			
35															.003	<		
40															.004	.17		
45															.005	<		
50															.003			
55															.007			
60									LT GREY				2-3%	60-85 REDUCED ZONES, INCREASED SULFIDES Ox Re	.004			
65															.003			
70															.003			
75															.004			
80															.004			
85		Hx							LT YELLOW + GREEN					MICRO BRECCIATION Re Ox	.003			
90															.027			
95															.004			
100																		

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXXXXXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-162

Page 2 of 5

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		XX OX							GREY				2-3%	REDUCED ZONE	.002	<		
105									YELLOW GRN						.029			
110															.005			
115															.013			
120															.058			
125															.006	.38		
130									YELLOW GRN						.003	<		
135									+ GRY						.003	.17		
140															.004	<		
145															.004			
150									+ GREY						.003			
155															.009			
160															.005			
165		~ OX							WHT + RUST					INCREASED CLAYS KAOLINITE VEINS?	.003			
170		XX OX							GRN YELLOW						.003	.15		
175									LT GRY						.003	<		
180															.005	<		
185		~							WHT + GRY					INCREASED CLAYS KAOLINITE VEINS	.006	<		
190		X OX							RUST						.056	.11		
195															.015	<		
200																		

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXXXXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-162

Page 3 of 5

LOGGED BY DAN

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		XX OX							YELLOW GRN						.004	.13		
205		~							+WHT						.003	<		
210		~													.003	<		
215		XX Ox							YELLOW GRN						.004	<		
220															.003	<		
225															.003	.11		
230		XX													.004	<		
235															.009	<		
240		~							LT RD ORG				2-3%	INCREASED PYRITE/SULFIDES	.003	.14		
245		~ XX													.003	<		
250		XX OX XX													.003	<		
255		XX													.002	.12		
260									LT GRN				2%		.003	<		
265		XX							WHT YELLOW					DRUZY Qtz COMMON 265-315	.003	<		
270		XX													.003	<		
275		XX							+ LT GRY GRN				3-5%		.003	<		
280		XX												Ox	.002	.10		
285		~ XX							LT FLESH				3-5%	FLESH FGT UP TO 50% 285-315 Re DRUZY Q + MARCASITE	.003	<		
290		XX												SMALL AMOUNT OF KAOLINITE VEINS	.004	.19		
295		XX													.006	.17		
300																		

WET

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-162

Page 4 of 5

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		~ XXX OX							FLESH + RUST				2-3%	(FLESH FGT) wkly oxd 300-315	.004	.17		
305															.004	.14		
310															.004	<		
315		XXc							GREEN WHT.				1-3%	315-365 FAULT ZONE? SOUTH RIDGE FAULT?	.004			
320														BUD Bx & LARGE MOSTLY CALCEDONIC Qtz VEINS?	.002			
325														MARCASITE OCCASIONALLY IN Qtz NO SIGNIFICANT	.007			
330														INCREASE IN H_2O	.002			
335															.003			
340															.024			
345															.002			
350															.001			
355															.003			
360									LT GRY						.018			
365									WHT GRY				1-3%	365-445 FINE GRAIN SAGE GREEN TUFF (DOLZER) LOCALLY	<	<		
370	DT	~							LT YELLOW GRY				T 1%	BLEACHED & MINOR Qtz PYRITE VEININ	.002	.25		
375															.001	<		
380															.001			
385														Q BUCKET = 10gpm H_2O	.001			
390															.005			
395															.004			
400																		

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXXXXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-167

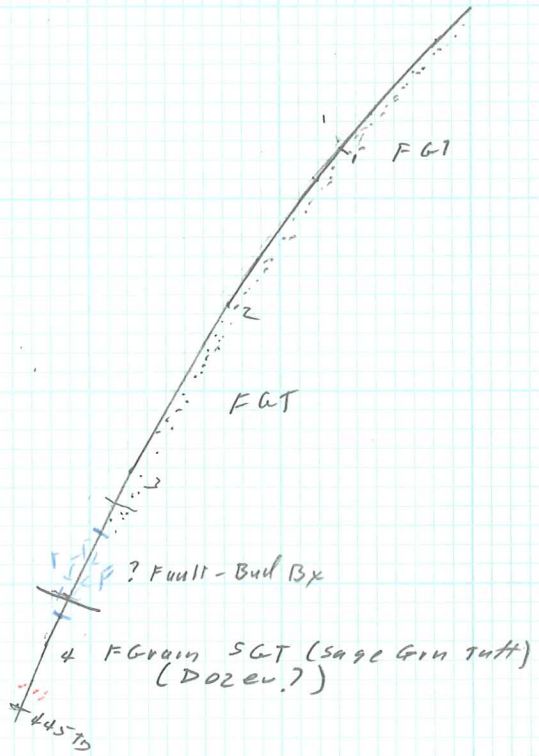
Page 5 of 5

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
	D.T.								SAGE GREEN					DOZER TUFF TO 445'	.005	<		
405																		
410															.001			
															.002			
415																		
															.004			
420																		
															.005			
425																		
															.009	.21		
430																		
															.001	<		
435																		
															.002	<		
440																		
														T.D. = 445'	.001	<		
445																		
50																		
55																		
60																		
65																		
70																		
75																		
80																		
85																		
90																		
95																		
00																		

2,203,252.0 E
481,897.0 E

5323



Rosebud
RL-162

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: loa8789c

No.	Sample Id			Au opt	Ag opt
51	RL-161	235	240	-0.0010	0.1400
52	RL-161	240	245	-0.0010	-0.1000
53	RL-161	245	250	-0.0010	0.1600
54	RL-161	250	255	-0.0010	0.1000
55	RL-161	255	260	-0.0010	-0.1000
56	RL-161	260	265	0.0010	0.1000
57	RL-161	265	270	-0.0010	0.1800
58	RL-161	270	275	-0.0010	-0.1000
59	RL-161	275	280	-0.0010	-0.1000
60	RL-161	280	285	-0.0010	-0.1000
61	RL-161	285	290	-0.0010	-0.1000
62	R-47			0.0770	-0.1000
63	RL-161	290	295	-0.0010	-0.1000
64	RL-161	295	300	-0.0010	-0.1000
65	RL-161	300	305	-0.0010	-0.1000
66	RL-161	305	310	-0.0010	-0.1000
67	RL-161	310	315	-0.0010	-0.1000
68	RL-161	315	320	-0.0010	-0.1000
69	RL-161	320	325	-0.0010	-0.1000
70	RL-161	325	330	-0.0010	-0.1000
71	RL-161	330	335	-0.0010	-0.1000
72	RL-161	335	340	-0.0010	-0.1000
73	RL-161	340	345	-0.0010	-0.1000
74	RL-161	345	350	-0.0010	-0.1000
75	RL-161	350	355	-0.0010	-0.1000
76	RL-161	355	360	-0.0010	-0.1000
77	RL-161	360	365	0.0010	-0.1000
78	RL-161	365	370	-0.0010	0.1200
79	RL-161	370	375	-0.0010	-0.1000
80	RL-161	375	380	0.0010	0.1400
81	RL-161	380	385	0.0020	0.1600
82	R-48			0.0370	-0.1000
83	RL-161	385	390	0.0010	0.1200
84	RL-161	390	395	0.0010	0.1800
85	RL-161	395	400	-0.0010	-0.1000
86	RL-161	400	405	-0.0010	0.1100
87	RL-162	0	5	0.0020	-0.1000
88	RL-162	5	10	0.0030	0.1000
89	RL-162	10	15	0.0110	0.2300
90	RL-162	15	20	0.0060	0.1600
91	RL-162	20	25	0.0040	0.3100
92	RL-162	25	30	0.0050	0.2700
93	RL-162	35	40	0.0030	-0.1000
94	RL-162	40	45	0.0040	0.1700
95	RL-162	45	50	0.0050	-0.1000
96	RL-162	50	55	0.0030	-0.1000
97	RL-162	55	60	0.0070	-0.1000
98	RL-162	60	65	0.0040	-0.1000
99	RL-162	65	70	0.0030	-0.1000
100	RL-162	70	75	0.0030	-0.1000

1498 Kleppe Lane • Sparks, Nevada 89431 • (702)359-6600 • FAX: (702)359-6605

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: loa8789c

No.	Sample Id			Au opt	Ag opt
151	RL-162	310	315	0.0040	0.1700
152	RL-162	315	320	0.0040	0.1400
153	RL-162	320	325	0.0020	-0.1000
154	RL-162	325	330	0.0070	-0.1000
155	RL-162	330	335	0.0020	-0.1000
156	RL-162	335	340	0.0030	-0.1000
157	RL-162	340	345	0.0240	-0.1000
158	RL-162	345	350	0.0020	-0.1000
159	RL-162	350	355	0.0010	-0.1000
160	RL-162	355	360	0.0030	-0.1000
161	R-52			~~0.0500~~	~~-0.1000~~
162	RL-162	360	365	0.0180	-0.1000

1498 Kleppe Lane • Sparks, Nevada 89431 • (702)359-6600 • FAX: (702)359-6605

162

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: LOAS8797

No.	Sample Id			Au opt	Ag opt
101	RL-165	175	180	0.0020	-0.1000
102	R-58			0.0540	-0.1000
103	RL-165	180	185	0.0030	-0.1000
104	RL-165	185	190	0.0080	-0.1000
105	RL-165	190	195	0.0050	-0.1000
106	RL-165	195	200	0.0020	-0.1000
107	RL-165	200	205	0.0010	-0.1000
108	RL-165	205	210	0.0010	-0.1000
109	RL-165	210	215	0.0010	0.1300
110	RL-165	215	220	0.0010	-0.1000
111	RL-165	220	225	0.0010	-0.1000
112	RL-165	225	230	0.0020	-0.1000
113	RL-165	230	235	0.0010	-0.1000
114	RL-165	235	240	0.0010	0.1300
115	RL-165	240	245	0.0030	-0.1000
116	RL-165	245	250	0.0020	-0.1000
117	RL-165	250	255	0.0010	-0.1000
118	RL-165	255	260	0.0020	-0.1000
119	RL-165	260	265	0.0020	-0.1000
120	RL-165	265	270	0.0010	-0.1000
121	RL-165	270	275	0.0020	-0.1000
122	R-59			0.0330	-0.1000
123	RL-165	275	280	0.0060	-0.1000
124	RL-165	280	285	0.0020	-0.1000
125	RL-165	285	290	0.0010	-0.1000
126	RL-165	290	295	-0.0010	-0.1000
127	RL-165	295	300	-0.0010	-0.1000
128	RL-162	365	370	-0.0010	-0.1000
129	RL-162	370	375	0.0020	0.2500
130	RL-162	375	380	0.0010	-0.1000
131	RL-162	380	385	0.0010	-0.1000
132	RL-162	385	390	0.0010	-0.1000
133	RL-162	390	395	0.0050	-0.1000
134	RL-162	395	400	0.0040	-0.1000
135	RL-162	400	405	0.0050	-0.1000
136	RL-162	405	410	0.0010	-0.1000
137	RL-162	410	415	0.0020	-0.1000
138	RL-162	415	420	0.0040	-0.1000
139	RL-162	420	425	0.0050	-0.1000
140	RL-162	425	430	0.0090	0.2100
141	RL-162	430	435	0.0010	-0.1000
142	R-60			0.0300	0.1500
143	RL-162	435	440	0.0020	-0.1000
144	RL-162	440	445	0.0010	-0.1000
145	RL-163	0	5	0.0010	-0.1000
146	RL-163	5	10	0.0010	-0.1000
147	RL-163	10	15	0.0010	-0.1000
148	RL-163	15	20	0.0010	-0.1000
149	RL-163	20	25	0.0010	-0.1000
150	RL-163	25	30	0.0010	-0.1000

1498 Kleppe Lane • Sparks, Nevada 89431 • (702)359-6600 • FAX: (702)359-6605

RL-162
365-445 TD

Job No.: LOAS8797

No.	Sample Id			Au opt	Ag opt
101	RL-165	175	180	0.0020	-0.1000
102	R-58			0.0540	-0.1000
103	RL-165	180	185	0.0030	-0.1000
104	RL-165	185	190	0.0080	-0.1000
105	RL-165	190	195	0.0050	-0.1000
106	RL-165	195	200	0.0020	-0.1000
107	RL-165	200	205	0.0010	-0.1000
108	RL-165	205	210	0.0010	-0.1000
109	RL-165	210	215	0.0010	0.1300
110	RL-165	215	220	0.0010	-0.1000
111	RL-165	220	225	0.0010	-0.1000
112	RL-165	225	230	0.0020	-0.1000
113	RL-165	230	235	0.0010	-0.1000
114	RL-165	235	240	0.0010	0.1300
115	RL-165	240	245	0.0030	-0.1000
116	RL-165	245	250	0.0020	-0.1000
117	RL-165	250	255	0.0010	-0.1000
118	RL-165	255	260	0.0020	-0.1000
119	RL-165	260	265	0.0020	-0.1000
120	RL-165	265	270	0.0010	-0.1000
121	RL-165	270	275	0.0020	-0.1000
122	R-59			0.0330	-0.1000
123	RL-165	275	280	0.0060	-0.1000
124	RL-165	280	285	0.0020	-0.1000
125	RL-165	285	290	0.0010	-0.1000
126	RL-165	290	295	-0.0010	-0.1000
127	RL-165	295	300	-0.0010	-0.1000
128	RL-162	365	370	-0.0010	-0.1000
129	RL-162	370	375	0.0020	0.2500
130	RL-162	375	380	0.0010	-0.1000
131	RL-162	380	385	0.0010	-0.1000
132	RL-162	385	390	0.0010	-0.1000
133	RL-162	390	395	0.0050	-0.1000
134	RL-162	395	400	0.0040	-0.1000
135	RL-162	400	405	0.0050	-0.1000
136	RL-162	405	410	0.0010	-0.1000
137	RL-162	410	415	0.0020	-0.1000
138	RL-162	415	420	0.0040	-0.1000
139	RL-162	420	425	0.0050	-0.1000
140	RL-162	425	430	0.0090	0.2100
141	RL-162	430	435	0.0010	-0.1000
142	R-60			0.0300	0.1500
143	RL-162	435	440	0.0020	-0.1000
144	RL-162	440	445	0.0010	-0.1000
145	RL-163	0	5	0.0010	-0.1000
146	RL-163	5	10	0.0010	-0.1000
147	RL-163	10	15	0.0010	-0.1000
148	RL-163	15	20	0.0010	-0.1000
149	RL-163	20	25	0.0010	-0.1000
150	RL-163	25	30	0.0010	-0.1000

BOYLES-WELNAV
RENO, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* LAC MINERALS USA INC. *
****

JOB NUMBER: 029-0313-12CCGY

WELL NAME: RL-162

LOCATION: ROSEBUD

SURVEY DATE: 11-14-90

SURVEY ENGINEER: PHIL GRAFFT

GYRO REFERENCE BEARING: S60.00E

TIE-IN COORDINATES AT: 0 M.D.
TAKEN FROM: SURFACE

****
**********DEPTH MEASURED IN FEET**********
****

COMMENTS:

****
****
****THIS DIRECTIONAL SURVEY REPORT IS*****
CORRECT TO THE BEST OF MY KNOWLEDGE*
AND IS SUPPORTED BY ACTUAL FIELD DATA!
** **
** **
** ********** **
** COMPANY REPRESENTATIVE **
****
****

BOYLES-WELNAV
RENO, NEVADA

JOB NUMBER: 029-0313-12CCGY

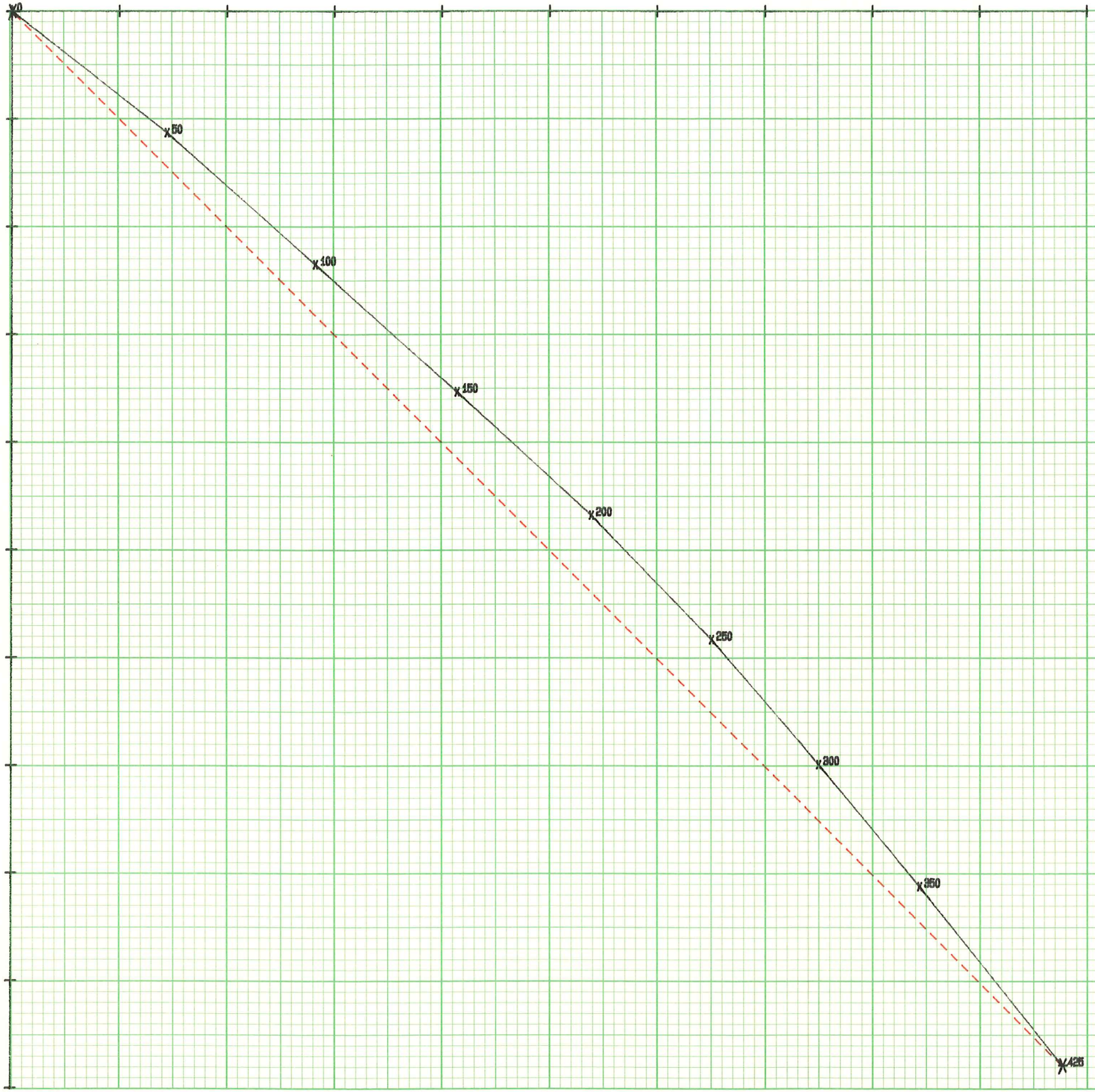
WELL NAME: RL-162

INRUN SURVEY
BY

THE MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INCL	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG PER 50	STATION DISP.	DISPLACEMENT DIRECTION
0.0	0.00	0.00	0.00	-50.00	125.00	0.00 N	0.00 E	0.00	0.00 AT	0.00 DEG
50.0	37.61	32.69	32.97	-47.52	131.13	20.34 S	25.90 E	4.74	32.93 AT	128.14 DEG
100.0	75.03	65.78	33.16	-49.40	131.87	42.30 S	50.73 E	1.95	66.05 AT	129.82 DEG
150.0	113.51	97.66	31.93	-51.23	131.85	63.61 S	74.51 E	1.83	97.97 AT	130.49 DEG
200.0	153.14	128.11	30.48	-53.63	133.23	84.21 S	96.97 E	2.54	128.43 AT	130.97 DEG
250.0	193.91	157.04	28.96	-55.58	138.78	105.00 S	117.09 E	3.76	157.27 AT	131.88 DEG
300.0	235.65	184.49	27.53	-57.60	139.65	125.84 S	135.08 E	2.07	184.61 AT	132.97 DEG
350.0	278.02	210.92	26.53	-58.30	140.80	146.23 S	152.05 E	0.93	210.96 AT	133.88 DEG
425.0	342.44	249.09	38.40	-60.10	141.65	176.16 S	176.11 E	1.23	249.09 AT	135.01 DEG

```
*************************************************************
*                         ********                          *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                         ********                          *
*   425.0 FEET EQUALS   249.09   FEET AT   135.01 DEG.      *
*                         ********                          *
*************************************************************
```



BOYLES-WELNAV

RENO, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY

FOR

LAC MINERALS USA INC.

WELL NAME: RL-162

JOB NUMBER: 029-0313-12CCGY

DATE: 11-14-90

INRUN SURVEY BY MINIMUM CURVATURE

HORIZONTAL DISPLACEMENT (* --- *) AT 425.0 FEET

EQUALS 249.09 FEET AT S 44.99 E

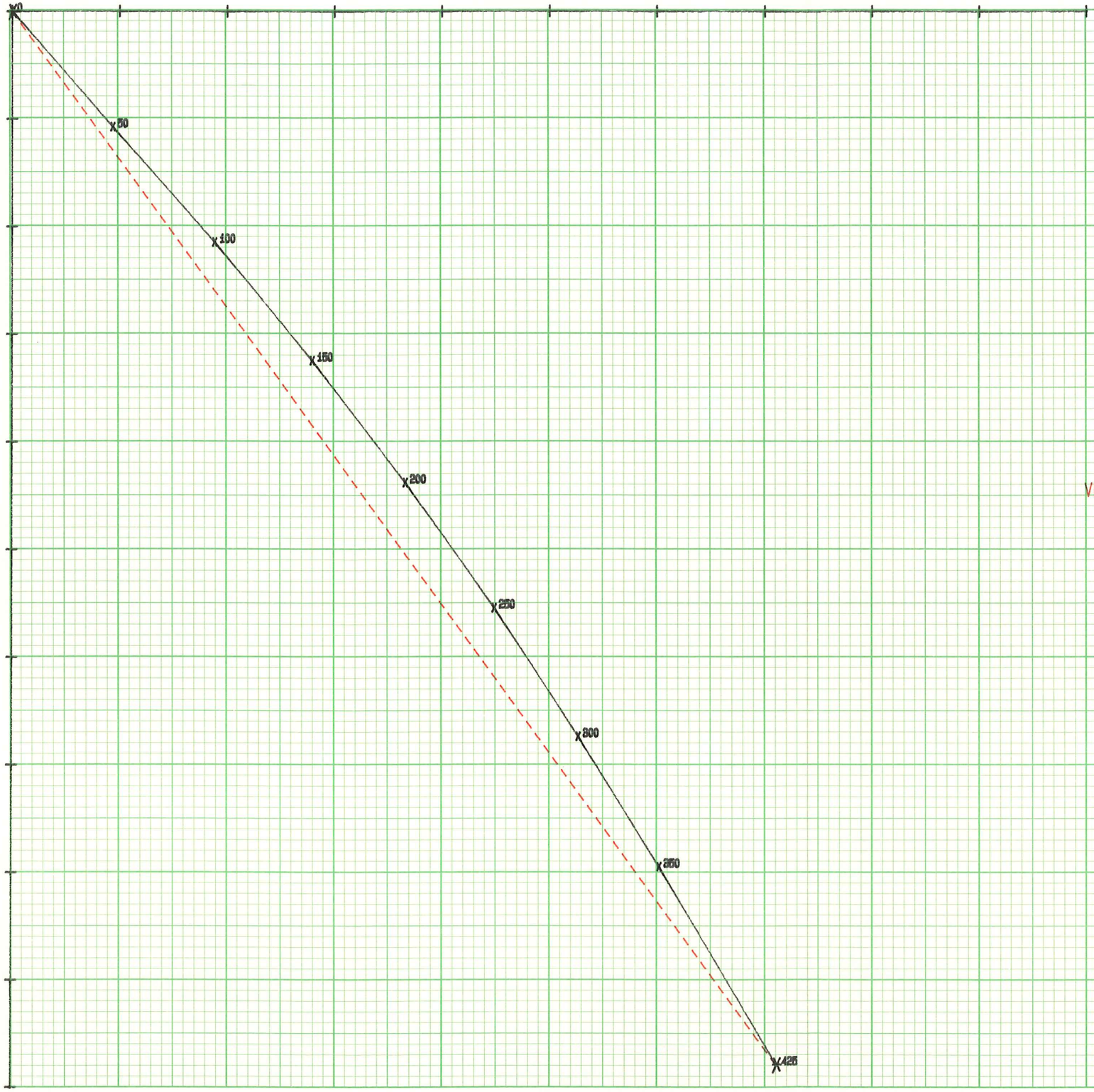
X DENOTES EVERY 1 STATION(S)

N

PLAN VIEW

SCALE = 18 FEET/INCH

HEWLETT-PACKARD 9270-1004



BOYLES-WELNAV

RENO, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY

FOR

LAC MINERALS USA INC.

WELL NAME: RL-162

JOB NUMBER: 029-0313-12CCGY

DATE: 11-14-90

INRUN SURVEY BY MINIMUM CURVATURE

VERTICAL PROJECTION (* --- *) AT 342.44 FEET

EQUALS 423.46 FEET AT 36.03

X DENOTES EVERY 1 STATION(S)

HORIZONTAL SCALE = 35 FEET/INCH

VERTICAL SCALE = 35 FEET/INCH

VERTICAL SECTION

PERPENDICULAR TO CLOSURE

HEWLETT-PACKARD 9270-1004

****
JOB NUMBER
029-0313-12CCGY

WELL NAME*
RL-162

MINIMUM CUR.
****

DEPTH:	0.00
TVD:	0.00
SECT:	0.00
C.D.:	0.00
INCL:	-50.00
AZI:	125.00
LAT:	0.00N
DEP:	0.00E
DOG-LEG:	0.00

DEPTH:	50.00
TVD:	37.61
SECT:	32.69
C.D.:	32.97
INCL:	-47.52
AZI:	131.13
LAT:	20.33S
DEP:	25.90E
DOG-LEG:	9.48

DEPTH:	100.00
TVD:	75.03
SECT:	65.79
C.D.:	33.16
INCL:	-49.40
AZI:	131.87
LAT:	42.30S
DEP:	50.73E
DOG-LEG:	3.89

DEPTH:	150.00
TVD:	113.51
SECT:	97.67
C.D.:	31.93
INCL:	-51.23
AZI:	131.85
LAT:	63.61S
DEP:	74.51E
DOG-LEG:	3.67

DEPTH:	200.00
TVD:	153.14
SECT:	128.12
C.D.:	30.48
INCL:	-53.63
AZI:	133.24
LAT:	84.21S
DEP:	96.97E
DOG-LEG:	5.09

DEPTH:	250.00
TVD:	193.91
SECT:	157.05
C.D.:	28.96
INCL:	-55.58
AZI:	138.78
LAT:	105.00S
DEP:	117.09E
DOG-LEG:	7.51

DEPTH:	300.00
TVD:	235.62
SECT:	184.53
C.D.:	27.56
INCL:	-57.60
AZI:	139.65
LAT:	125.86S
DEP:	135.10E
DOG-LEG:	4.31

DEPTH:	350.00
TVD:	278.00
SECT:	210.95
C.D.:	26.53
INCL:	-58.30
AZI:	140.80
LAT:	146.25S
DEP:	152.07E
DOG-LEG:	1.86

DEPTH:	400.00
TVD:	320.81
SECT:	236.66
C.D.:	25.84
INCL:	-59.45
AZI:	140.82
LAT:	166.28S
DEP:	168.40E
DOG-LEG:	2.30

DEPTH:	425.00
TVD:	342.41
SECT:	249.17
C.D.:	12.58
INCL:	-60.10
AZI:	141.65
LAT:	176.09S
DEP:	176.28E
DOG-LEG:	3.09

****
249.17 FEET
AT 134.97 DEG.