60001385

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-157
AUTHOR	N. Brewer; J. Gaige
DATE OF DOC(S)	1990; 1997
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Wild Rose Lac Minerals (USA) Inc; Eklund Drilling
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 405' handwritten notes 13p.

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)

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

Revised: 1/22/08

DRILL LOGS RL-157
Rosebud

60001385 4010

60001385

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

DRILL LOG SUMMARY SHEET

PROJECT ROSEBUD / WILD ROSE

HOLE NUMBER RL-157 TOTAL DEPTH 405' LOGGED BY DAM

Date started 11-5-90

Date completed 11-6-90

Initial bearing N20E

Initial inclination -60°

Elevation 5154.9

Collar coordinates:

N 2,219,149

E 474,472.4

Contractor: EKLUND

Drill Type: MPD-1000

Hole Size: 4 3/4

Drilling Conditions: GOOD

Footage: Wet / Dry 140' "GRAVELS" - RETURN PROBLEMS

WET @ 95', HOLE DIDN'T MAKE H_2O

Comments: CEMENTED 20' CASING

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLI-NATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)

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-157

Page 1 of 4

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.
									BRN					0-140' Qal. - OVERBURDEN	.001	<		
05																		
10															.001			
15															.001			
20															.001			
25															.001			
30															.002			
35															<			
40														35-40 - NO SAMPLE	<			
45															<			
50														45-65 RETURN PROBLEMS	<			
55															<			
60															.012			
65															<			
70															<			
75															<			
80															<			
85															<			
90															<			
95															<			
100																		

WET

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF
REWORKED VOLCANIC?

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

DRILL HOLE RL-152

Page 2 of 4

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.
									BRN					QAT	<	<		
105																		
110																		
115																		
120																		
125																		
130																		
135																		
140									DK BRN					140-215 REWORKED VOLCANIC? DK GREEN GREY FGT FRAGS IN CLAY RED BRN MATRIX				
145																		
150																		
155																		
160																		
165																		
170																		
175																		
180																		
185																		
190																		
195																		
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-152

Page 3 of 4

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.
									DK BRN						<	<		
205																		
210									YELLOW BRN						<	i		
															<	<		
215		Qx XX							LT RED				1-2%	215 - 370 FINE TO MED. GRAINED TUFF? HIGHLY FRACTURED	.003	<		
220									+ WHT					STRGLY OXIDIZED, SILICA STRWK'D & VERY	.004	<		
225														FINE DIS. SULFIDES? WILD ROSE FAULT	.008	.12		
230														ZONE.	.007	<		
235														* FAIR RETURN, ALL BUT 2 FINS OFF SPLITTER,	.003			
240														LIGHT SAMPLES - LOTS OF				
245														OXIDES IN WASH (INJECTING	.003			
250														H_2O) POSSIBLE GOLD? VALUES IN WASH ???	.003			
255														~235-290 - VERY FINE SILICA STRWK'd -	.004			
									+ GREY					CRACKLE BX.	.004			
260									+ YELLOW									
265															.002			
270															.002			
275															.003			
280															.005			
285															.005			
290															.005			
295															.004			
300															.006			

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-157

Page 4 of 4

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							YELLOW + RED				1-2%		.007	<		
305															.009			
310															.004			
315									+ BLACK						.004			
320														320 – 325 BLACK OXIDES – DARKER BRN WASH –	.010			
325															.006			
330															.011			
335															.007			
340									YELLOW RED +						.006			
345									WHT						.013			
350															.016			
355															.012			
360															.002			
365															.003			
370		XX ~							LT GREY				± 1%	370-405' GREY WELDED FINE GRAIN TUFF LOCALLY BLEACHED	.002			
375		~											< 1%		.001			
380		~							GREY						.001			
385															<			
390															<			
395															<			
400															<			
405														T.D. = 405'; No H2O in hole				

PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL 400'	Page 1/2	HOLE#:
LOGD BY: HSM 03/05/97	COUNTY: Pershing	EASTING:	BEARING:		DRB RL-157
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:		

DRILLING NOTES		COLOR (WET)	STRATIGRAPHY/LITHOLOGY																	STRCT		GRAPHIC	ALTERATION & MINERALIZATION				GRAPHIC								GRAPHIC	COMMENTS	SAMPLE No
TIME	Dates H.O. Casing Bits Hole C		ALUVM	BADGER	CHOCOLT	BUD	BRADY	MKR POR	BUD	DOZER	WILDROS	SURGTUF	ASH FLO	LAVA	AUTOBXA	INTRUSV	BASALT	ANDESIT	RHYOLIT	BROKEN	GOUGE		OXD'T'N MANGAN	HEMAT	LIMON	PYRITE		UNALTRD	PROPYLT	ARG	RPL SIL	STKWKS	VEINS	CALCITE			Sample Recovery	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				17	18	19	20		21	22	23	24	25	26	27			Composite Geochem Intervals	
DEPTH to FEET																																						
	10																																					5
	20																																					10
	30																																					15
	40																																					20
	50																																					25
	60																																					30
	70																																					35
	80																																					40
	90																																					45
	100																																					50
	110																																					55
	120																																					60
	130																																					65
	140																																					70
	150																																					75
	160																																					80
	170																																					85
	180																																					90
	190																																					95
	200																																					100
	210																																					105
	220																																					110
	230																																					115
	240																																					120
	250																																					125
																																						130
																																						135
																																						140
																																						145
																																						150
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																																						190
																																						195
																																						200
																																						205
																																						210
																																						215
																																						220
																																						225
																																						230
																																						235
																																						240
																																						245
																																						250

RL120001
90-95: PINK WHT BLEACHED CHIP WITHIN LARGELY BLACK-BRN APHANITIC FLOW LITHOLOGY. NON-FRAGMENTAL PROTOLITH PROBABLY BRN FLOW. STRONG SHARP MONTMORILLONITE SIGNAL

RL157002
185-190': DULL DARK BRN GRY GOUGY ZONE. GOUGE = SAME DARK COLOR AS ROCKS. NO SIGNAL, NO CLAY.

RL157003
245-250': CRM-PINK BLEACHED HARD FRAGMENTAL PROTOLITH. STRONG KAOLINITE.

PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL 400' Page 2/2	HOLE#:
LOGD BY: HSM 03/05/97	COUNTY: Pershing	EASTING:	BEARING:	DRB RL-157
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:	

DRILLING NOTES		STRATIGRAPHY/LITHOLOGY																			STRCT	ALTERATION & MINERALIZATION										COMMENTS	
TIME	Dates H'O Casing Bits Hole G	ALUVM	BADGER	CHOCOLT	UBUD	BRADY	MKR POR	LBUD	OZER	WILDROS	SURGTUF	ASHOFLO	LAVA0	AUTOBXA	INTRUSV	BASALT	ANDESIT	RHYOLIT	BROKEN	GOUGE	GRAPHIC	OXD'T'N MANGAN	HEMAT	LIMON	PYRITE	GRAPHIC	UNALTRD	PROPYLT	ARG	RPL SIL	STKWKS	VEINS	CALCITE		GRAPHIC	Sample Recovery / Composite Geochem Intervals	SAMPLE No
		(WET)																																		
DEPTH in FEET		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27								
	260																																			255 260
	270																																			265 270 275 280
	290																																			285 290 295 300
	310																																			305 310 315 320
	330																																			325 330 335 340
	350																																		RL157004: 345-350': CRM-PINK BLEACHED, HARD, AS ABOVE. STRONG KAOLINITE.	345 350 355 360
	370																																			365 370 375 380
	390																																		RL157005: 395-400': BLUISH-GRY TO PALE GRY HARD. WKER ALT'N THAN ABOVE & REDUCED. NO SIGNAL.	385 390 395 400
	410																																			405 410 415 420
	430																																			425 430 435 440
	450																																			445 450 455 460
	470																																			465 470 475 480
	490																																			485 490 495 500

C

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

RL-158C
0—300

RL-157
0—405

RL-160
0—400

Client: Mr. Nate Brewer

LAC Minerals USA, Inc.
1395 Greg St. #107
Sparks, NV 89431 tel:702/356-8058

Job #: LOA8789B
Samples: 233
Project: URBD
Product: FA2
P.O. #:

This report has been reviewed and approved by:

Jerry Gaige

Jerry Gaige, Production Manager

11-19-90
Date

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: LOA8789B

No.	Sample Id				Au opt	Ag opt
1	RL-158	0	5		-0.0010	-0.1000
2	R-32			.031	0.0300	0.2700
3	RL-158	5	10		-0.0010	-0.1000
4	RL-158	10	15		-0.0010	-0.1000
5	RL-158	15	20		0.0010	-0.1000
6	RL-158	20	25		0.0010	0.1800
7	RL-158	25	30		0.0010	-0.1000
8	RL-158	30	35		0.0010	-0.1000
9	RL-158	35	40		0.0010	-0.1000
10	RL-158	40	45		0.0010	-0.1000
11	RL-158	45	50		-0.0010	-0.1000
12	RL-158	50	55		0.0150 ✓	-0.1000
13	RL-158	55	60		-0.0010	-0.1000
14	RL-158	60	65		0.0090	-0.1000
15	RL-158	65	70		0.0010	-0.1000
16	RL-158	70	75		0.0020	-0.1000
17	RL-158	75	80		0.0020	-0.1000
18	RL-158	80	85		0.0020	0.1000
19	RL-158	85	90		0.0020	-0.1000
20	RL-158	90	95		0.0010	-0.1000
21	RL-158	95	100		0.0010	-0.1000
22	R-33			.034	0.0360	0.2400
23	RL-158	100	105		0.0020	-0.1000
24	RL-158	105	110		0.0010	-0.1000
25	RL-158	110	115		0.0020	-0.1000
26	RL-158	115	120		0.0020	-0.1000
27	RL-158	120	125		0.0020	-0.1000
28	RL-158	125	130		0.0020	-0.1000
29	RL-158	130	135		0.0040	-0.1000
30	RL-158	135	140		0.0030	-0.1000
31	RL-158	140	145		0.0010	-0.1000
32	RL-158	145	150		0.0010	-0.1000
33	RL-158	150	155		0.0010	-0.1000
34	RL-158	155	160		0.0120 ✓	0.1800
35	RL-158	160	165		0.0010	0.1500
36	RL-158	165	170		0.0010	-0.1000
37	RL-158	170	175		0.0020	0.1800
38	RL-158	175	180		0.0030	0.1900
39	RL-158	180	185		0.0030	0.1100
40	RL-158	185	190		0.0020	-0.1000
41	RL-158	190	195		0.0020	-0.1000
42	R-34			.096	0.0980	0.1500
43	RL-158	195	200		0.0150 ✓	-0.1000
44	RL-158	200	205		0.0020	-0.1000
45	RL-158	205	210		0.0020	-0.1000
46	RL-158	210	215		0.0030	-0.1000
47	RL-158	215	220		0.0010	-0.1000
48	RL-158	220	225		0.0010	-0.1000
49	RL-158	225	230		0.0010	-0.1000
50	RL-158	230	235		0.0020	-0.1000

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

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: LOA8789B

No.	Sample Id				Au opt	Ag opt
51	RL-158	235	240		0.0030	-0.1000
52	RL-158	240	245		0.0030	-0.1000
53	RL-158	245	250		0.0020	-0.1000
54	RL-158	250	255		0.0120	-0.1000
55	RL-158	255	260		0.0020	-0.1000
56	RL-158	260	265		0.0020	-0.1000
57	RL-158	265	270		0.0010	-0.1000
58	RL-158	270	275		0.0010	-0.1000
59	RL-158	275	280		0.0020	-0.1000
60	RL-158	280	285		0.0140	-0.1000
61	RL-158	285	290		0.0020	-0.1000
62	R-35			.096	0.0960	-0.1000
63	RL-158	290	295		0.0040	-0.1000
64	RL-158	295	300		0.0030	-0.1000
65	RL-157	0	5		0.0010	-0.1000
66	RL-157	5	10		0.0010	-0.1000
67	RL-157	10	15		0.0010	-0.1000
68	RL-157	15	20		0.0010	-0.1000
69	RL-157	20	25		0.0010	-0.1000
70	RL-157	25	30		0.0020	-0.1000
71	RL-157	30	35		-0.0010	-0.1000
72	RL-157	40	45		-0.0010	-0.1000
73	RL-157	45	50		-0.0010	-0.1000
74	RL-157	50	55		-0.0010	-0.1000
75	RL-157	55	60		-0.0010	-0.1000
76	RL-157	60	65		0.0120	-0.1000
77	RL-157	65	70		-0.0010	-0.1000
78	RL-157	70	75		-0.0010	-0.1000
79	RL-157	75	80		-0.0010	-0.1000
80	RL-157	80	85		-0.0010	-0.1000
81	RL-157	85	90		-0.0010	-0.1000
82	R-36			.049	0.0560	0.1100
83	RL-157	90	95		-0.0010	-0.1000
84	RL-157	95	100		-0.0010	-0.1000
85	RL-157	100	105		-0.0010	-0.1000
86	RL-157	105	110		-0.0010	-0.1000
87	RL-157	110	115		-0.0010	-0.1000
88	RL-157	115	120		-0.0010	-0.1000
89	RL-157	120	125		-0.0010	-0.1000
90	RL-157	125	130		-0.0010	-0.1000
91	RL-157	130	135		-0.0010	-0.1000
92	RL-157	135	140		-0.0010	-0.1000
93	RL-157	140	145		-0.0010	-0.1000
94	RL-157	145	150		-0.0010	-0.1000
95	RL-157	150	155		-0.0010	-0.1000
96	RL-157	155	160		-0.0010	-0.1000
97	RL-157	160	165		-0.0010	-0.1000
98	RL-157	165	170		-0.0010	-0.1000
99	RL-157	170	175		-0.0010	-0.1000
100	RL-157	175	180		-0.0010	-0.1000

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NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: LOA8789B

No.	Sample Id			Au opt	Ag opt
51	RL-158	235	240	0.0030	-0.1000
52	RL-158	240	245	0.0030	-0.1000
53	RL-158	245	250	0.0020	-0.1000
54	RL-158	250	255	0.0120	-0.1000
55	RL-158	255	260	0.0020	-0.1000
56	RL-158	260	265	0.0020	-0.1000
57	RL-158	265	270	0.0010	-0.1000
58	RL-158	270	275	0.0010	-0.1000
59	RL-158	275	280	0.0020	-0.1000
60	RL-158	280	285	0.0140	-0.1000
61	RL-158	285	290	0.0020	-0.1000
62	R-35			0.0960	-0.1000
63	RL-158	290	295	0.0040	-0.1000
64	RL-158	295	300	0.0030	-0.1000
65	RL-157	0	5	0.0010	-0.1000
66	RL-157	5	10	0.0010	-0.1000
67	RL-157	10	15	0.0010	-0.1000
68	RL-157	15	20	0.0010	-0.1000
69	RL-157	20	25	0.0010	-0.1000
70	RL-157	25	30	0.0020	-0.1000
71	RL-157	30	35	-0.0010	-0.1000
72	RL-157	40	45	-0.0010	-0.1000
73	RL-157	45	50	-0.0010	-0.1000
74	RL-157	50	55	-0.0010	-0.1000
75	RL-157	55	60	-0.0010	-0.1000
76	RL-157	60	65	0.0120	-0.1000
77	RL-157	65	70	-0.0010	-0.1000
78	RL-157	70	75	-0.0010	-0.1000
79	RL-157	75	80	-0.0010	-0.1000
80	RL-157	80	85	-0.0010	-0.1000
81	RL-157	85	90	-0.0010	-0.1000
82	R-36			0.0560	0.1100
83	RL-157	90	95	-0.0010	-0.1000
84	RL-157	95	100	-0.0010	-0.1000
85	RL-157	100	105	-0.0010	-0.1000
86	RL-157	105	110	-0.0010	-0.1000
87	RL-157	110	115	-0.0010	-0.1000
88	RL-157	115	120	-0.0010	-0.1000
89	RL-157	120	125	-0.0010	-0.1000
90	RL-157	125	130	-0.0010	-0.1000
91	RL-157	130	135	-0.0010	-0.1000
92	RL-157	135	140	-0.0010	-0.1000
93	RL-157	140	145	-0.0010	-0.1000
94	RL-157	145	150	-0.0010	-0.1000
95	RL-157	150	155	-0.0010	-0.1000
96	RL-157	155	160	-0.0010	-0.1000
97	RL-157	160	165	-0.0010	-0.1000
98	RL-157	165	170	-0.0010	-0.1000
99	RL-157	170	175	-0.0010	-0.1000
100	RL-157	175	180	-0.0010	-0.1000

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NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

Job No.: LOA8789B

No.	Sample Id			Au opt	Ag opt
101	RL-157	180	185	-0.0010	-0.1000
102	R-37			-0.0010	-0.1000
103	RL-157	185	190	-0.0010	-0.1000
104	RL-157	190	195	-0.0010	-0.1000
105	RL-157	195	200	-0.0010	-0.1000
106	RL-157	200	205	-0.0010	-0.1000
107	RL-157	205	210	-0.0010	-0.1000
108	RL-157	210	215	-0.0010	-0.1000
109	RL-157	215	220	0.0030	-0.1000
110	RL-157	220	225	0.0040	-0.1000
111	RL-157	225	230	0.0080	0.1200
112	RL-157	230	235	0.0070	-0.1000
113	RL-157	235	240	0.0030	-0.1000
114	RL-157	240	245	0.0030	-0.1000
115	RL-157	245	250	0.0030	-0.1000
116	RL-157	250	255	0.0040	-0.1000
117	RL-157	255	260	0.0040	-0.1000
118	RL-157	260	265	0.0020	-0.1000
119	RL-157	265	270	0.0020	-0.1000
120	RL-157	270	275	0.0030	-0.1000
121	RL-157	275	280	0.0050	-0.1000
122	R-38			0.0310	0.1800
123	RL-157	280	285	0.0050	-0.1000
124	RL-157	285	290	0.0050	-0.1000
125	RL-157	290	295	0.0040	-0.1000
126	RL-157	295	300	0.0060	-0.1000
127	RL-157	300	305	0.0070	-0.1000
128	RL-157	305	310	0.0040	-0.1000
129	RL-157	310	315	0.0040	-0.1000
130	RL-157	315	320	0.0040	-0.1000
131	RL-157	320	325	0.0100	-0.1000
132	RL-157	325	330	0.0060	-0.1000
133	RL-157	330	335	0.0110	-0.1000
134	RL-157	335	340	0.0070	-0.1000
135	RL-157	340	345	0.0060	-0.1000
136	RL-157	345	350	0.0130	-0.1000
137	RL-157	350	355	0.0160	-0.1000
138	RL-157	355	360	0.0120	-0.1000
139	RL-157	360	365	0.0020	-0.1000
140	RL-157	365	370	0.0030	-0.1000
141	RL-157	370	375	0.0020	-0.1000
142	R-39			0.0330	-0.1000
143	RL-157	375	380	0.0010	-0.1000
144	RL-157	380	385	0.0010	-0.1000
145	RL-157	385	390	-0.0010	-0.1000
146	RL-157	390	395	-0.0010	-0.1000
147	RL-157	395	400	-0.0010	-0.1000
148	RL-157	400	405	-0.0010	-0.1000
149	RL-160	0	5	0.0010	-0.1000
150	RL-160	5	10	0.0010	-0.1000

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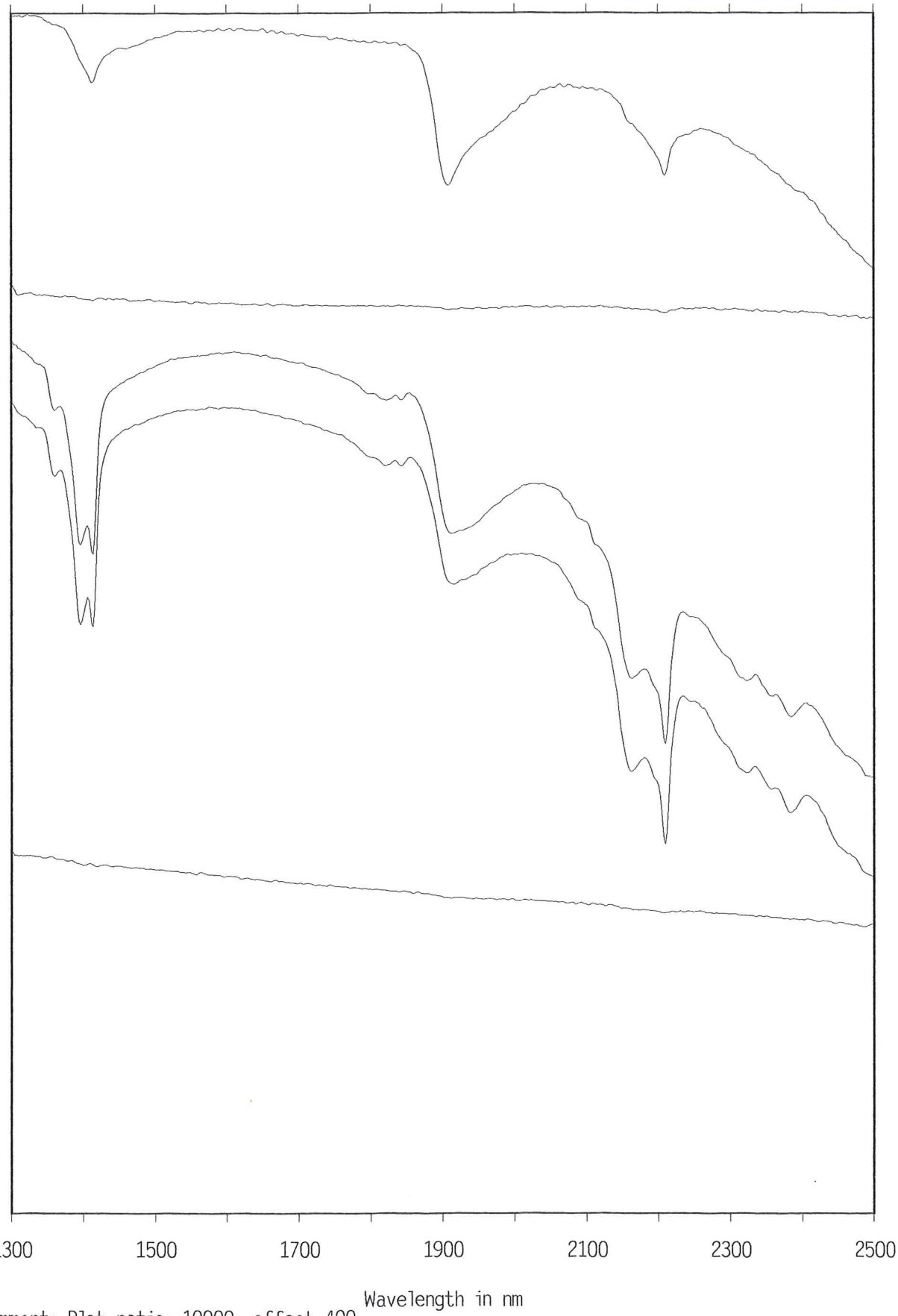
PIMAVIEW (C)93 Wildrose RL-157 INTEGRATED SPECTRONICS



Comment: Plot ratio: 10000, offset 400
STACK.OUT