1936277 - R8 SEMS

LACANA MINING INC: _____ DRILL LOG _____ DRILL HOLE NO. RGE-23

PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH

SEC _____ T 4N R 4E CLAIM _____ COORDINATES: (N) (S) 246,783 (E) (W) 1,126,695

CONTRACTOR LANG/Pete HELPER Jerry SAMPLER RW/MW LOGGER _____

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5440 Ft

BEARING — INCLINATION Vert. TOTAL DEPTH 305' HOLE DIAMETER 5½

CASING 7' (6") BOTTOM ELEVATION _____ WATER LEVEL 65'

SAMPLE DISPOSITION _____ SUMMARY _____ COST/HR _____ COST/FT $8.00

SHEET 1 OF 5 DATES: START _____ COMP. _____

TIME: START _____ COMP. _____

MOVING TIME: START _____ COMP _____

STANDBY TIME: START _____ COMP _____

TOTAL HOURS DRILLED _____ HOURS COST _____

BIT COST _____ TOTAL COST _____

110-150 @ .028
165-175 @ .022

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Wash Rec. +12 M	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicification	Sulfide % (Pyrite)	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	Remarks:	
1	5			Dry		lt og-brown	MD OR BRN	80	10-15	Nil	HVY		LT	Nil				.006							0-10' SOIL AND ALLUVIUM
2	10			"		lt org-brwn	"	80	5-10	"	"		"	"	10'			.008						10'	10'
															SHALE	DEADWOOD FM									10'-80' SHALE + SILTSTONE
3	15			"		brwn	MD OR GY	75	3-5	"	MOD		"	"				.008						10'-80' TR PY AS DESCRETE BLEBS + ON FCT	FN GRN, DK GRN, MINOR $CaCO_3$
4	20			"		dk brwn	DK OR BRN	75	5-10	"	MOD		"	"				.006						20'-25' MIN. SILIC. ALT NEAR SILL OF HB DIO	20'-25' 20% CHIPS OF HB DIO POSS NARROW SILL
5	25			"		lt. grn gry	MD GY	65	TR	"	LT		MOD	/				.008							
6	30			"		lt. grn gry	MD GRN GY	55	Nil	1-2	TR		"	TR				.014							
7	35			"		Lt grn gry	MD GY	65	"	TR	"		"	/				.010							
8	40			"		Lt grn gry	MD GY GRN	60	"	Nil	Nil		"	1-2				.012							
9	45			"		Lt grn gry	"	60	"	Nil	TR		"	"				.012							
10	50			"		Lt grn gry	"	55	"	"	Nil		"	TR				.008							

LACANA MINING INC: PROPERTY Gilt Edge

Sheet 2 of 5
Drill Hole # RGE-27

no.	Foot typ	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +1/2 m	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicifi-cation	Sulfide %	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
11	55			DRY		med grn gry	DK BRN	50	Nil	Nil	Nil		LT	<1	SHALE			.012							SHALE, DK GRN, FN GRN
12	60			"		lgt grn gray	"	50	"	"	TR		"	Nil				.004						TR PY ON FCT AND AS DESCRETE BLEBS	
13	65			"		lgt tan gry	"	85	"	"	LT		"	TR	65' DK. BRN SHALE			.004							65' 65'-80' DK BRN SHALE FN GRN, DK CHOC. BRN
14	70			WET		med grn gry	"	90	"	"	LT		"	Nil				.004							
15	75			"			"	90	"	"	TR		"	TR				.002							
16	80			"			"	60	"	"	TR		"	TR	80' HB DIO	TERT. INTRUS.		.002						80' 80'-89' 1-3% PY REPL HB	80' 80'-89' HB DIO LT GY
17	85			"			MD OR GY	90	"	"	MOD		"	1-2		X X X X X X		.004						+ ON FCT; LM ON FCT AFTER PY	FN GRN; HB ALT. TO BLK APHAN. BLOBS (SOME MAGNETITE); APH GRND MASS MOD ALT. TO CLAY
18	90			"			MD GY	95	"	"	LT		"	2-3	89' SHALE	X X X DEADWOOD FM-E		.004						89' 89'-117'	89' 89'-117' SHALE AND SILTSTONE FN GRN, DK GRN W/ SOME DK BRN VARIATIES
19	95			"			DK GY GRN	95	"	TR	Nil		"	3-5				.010						3-5% PY ON FCT AND AS OPEN SPACE FILLINGS; BEST SULF ASSOC. W/ DK GRN TO BLK SILTST	
20	100			"			"	90	"	Nil	Nil		"	"				.008						100'-110' DECR. IN SULF IN AREA W/ DK BRN SHALE	
21	105			"			"	90	"	"	"		"	2-3				.004							
22	110			"			"	60	"	"	TR		"	2-3				.006							
23	115			"			DK GY	75	"	"	Nil		"	3-5	117' HB DIO	TERT INTRUS		.034						117'	119' HB DIO

LACANA MINING INC: PROPERTY Gilt Edge

Sheet 3 of 5
Drill Hole # RGF-23

no.	Foot typ	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
24	120			WET			MD GY OR GY	80	NIL	NIL	MOD			2-3	HB DIO	TERT. INTRUS.		.046						115'-120' PY IN THIS INTERVAL IN SHALE; PY IN HB DIO OXIDIZED TO LM TO 130'	117'-138' HB DIO FN GRN, LT-MED GY; HB ALT TO MAGN? + CHL; FELD LT ALT TO CLAY
25	125			"			MD OR BRN	80	"	"	HVY			Nil				.018							
26	130			"			LT OR BRN	95	"	"	"			"				.012							
27	135			"			MD GY	95	"	"	LT			1-2				.020		40'	.028			130'-137' PY 1-3% ON FCT + DISSEMIN.	
28	140			"			MD-DK GY GRN	80	"	1-2	TR			2-3	138' SHALE	DEADWOOD FM ∈		.034						138' 2-3% PY ON FCT + AS DESCRETE BLEBS	138' 138'-146' SHALE LT-DK GRN, FN GRN
29	145			"			"	95	"	2-3	TR			2-3	146'			.022						146'	146'
30	150			"			LT GY	45	"	1-2	LT			1-2	QTZITE	DEADWOOD FM		.038						146'-173' 1-3% PY ON FCT; HIGHER AMT OF FCT, HIGHER PY	146'-173' QUARTZITE FN GRN, LT GY
31	155			"			"	55	"	NIL	LT			2-3				.034							
32	160			"			LT OR GY	60	"	"	MOD			"				.004							163'-173' CHANGE IN QTZITE COLOR FROM LT GY TO MED GY
33	165			"			MD GY BRN	25	"	"	LT			1-2				.004							
34	170			"			"	60	"	"	TR			2-3				.016							
35	175			"			LT GY BRN	80	"	"	"			"	173' TRACHYTE	TERT INTRUS.		.028						173' 173'-180' 1-3% PY ON FCT AND AS DISSEM BLEBS	173' 173'-264' TRACHYTE
36	180			"			LT GY GRN	85	"	"	"			1-2				.008						180'-185' INCR PY OXID. TO LM	LT GY to LT GRN; APH. GRNDMASS FELDSP. PHENOS ≈ .1" DIA LT ARGILL ALT.

LACANA MINING INC: PROPERTY Gilt Edge

Sheet 4 of 5
Drill Hole # RGE-27

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. TBM	Clays%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide Pyrite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
37	185			WET			LT OR GY	85	Nil	Nil	LT-MOD			<1	TRACHYTE	TERT. INTRUS.		.006						185'-264'	
																✓ ✓								PY NEARLY COMPL.	
38	190			"			LT OR GY	80	"	"	MOD-HVY			TR		✓ ✓ ✓		.006						OXIDIZED TO LIM; PY PROB. 1-3% ORIGINALLY	
																✓ ✓									TRACHYTE AS AT 173'
39	195			"			MOD OR GY	65	"	"	LT	MOD		"		✓ ✓ ✓		.004							
																✓ ✓									
40	200			"			LT GY GRN	60	"	"	TR	"		Nil		✓ ✓ ✓		.004							
																✓ ✓									
41	205			"			"	60	"	"	"	"		"		✓ ✓ ✓		.004							205'-265' HAIRLINE QTZ
																✓ ✓									VEINLETS SCATTERED
42	210			"			"	55	"	"	LT	"		"		✓ ✓ ✓		.004							THROUGHOUT; VNLTS GEN. BARREN
																✓ ✓									
43	215			"			"	60	"	"	"	"		TR		✓ ✓ ✓		.006							
																✓ ✓									
44	220			"			"	95	"	"	"			Nil		✓ ✓ ✓		.004							
																✓ ✓									
45	225			"			"	90	"	"	"			"		✓ ✓ ✓		.004						210'-265'	
																✓ ✓								PY OXIDIZED TO LM	
46	230			"			"	95	"	"	"	MOD		"		✓ ✓ ✓		.004						+ GEO	
																✓ ✓									
47	235			"			"	75	"	"	"	MOD		"		✓ ✓ ✓		.002							
																✓ ✓									
48	240			"			"	95	"	"	"	LT		"		✓ ✓ ✓		.002							
																✓ ✓									
49	245			"			"	90	"	"	"			"		✓ ✓ ✓		.004							
																✓ ✓									

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 5
Drill Hole # RGE-22

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % Pyrite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
50	250			WET			"	65	Nil	Nil	LT-MOD	<1		Nil	TRACHYTE	TERT INTRUS.		.004							TRACHYTE AS AT 173'
																✓ ✓								PY OXIDIZED TO LM	
51	255			"			"	70	"	"	LT	"		"		✓ ✓ ✓		.008							
																✓ ✓									
52	260			"			"	55	"	"	LT	"		"		✓ ✓ ✓		.004							
																✓ ✓									
53	265			"			"	75	"	"	"	"		"	264'	✓ ✓ ✓ ~ ~		.002						264'	264'
															AMPHIB. SCHIST	P-Є ~								264'-280' TR PY ON FCT	264'-280' AMPHIBOLITE SCHIST
54	270			"			DK BRN	85	"	"	TR			"		~ ~		.002							
																~ ~ ~									BLK; APHANITIC; FOLIATED PROB AMPHIBOLE
55	275			"			"	80	"	"	"			/		~ ~		.002							
																~ ~ ~									
56	280			"			"	75	"	"	"			<1	280'	~ ~ ~		.004						280'	280'
															HB DIO?	TERT. INTRUS. x x								TR PYR. ON FCT	280'-285' HB DIO? FN GRN
57	285			"			LT GY BRN	85	"	"	"			TR	285'	x x x x x x		.002						285'	LT GY TO LT GY GRN; TEXT. RESEMB 285' HB DIO; HILY ALTERED
															AMPHIB. SCHIST	~ ~ ~									285'-305' AMPHIB. SCH.
58	290			"			DK BRN	70	"	2-3	Nil			<1		~ ~		.002						285'-305' TR PY ON FCT	AS AT 264'
																~ ~ ~									
59	295			"			"	55	"	1-2	"			<1		~ ~		.002							
																~ ~ ~									
60	300			"			"	60	"	"	"			<1		~ ~		.002							
																~ ~ ~									
61	305			"			"	70	"	"	"			<1		~ ~		.010							
																								305' E.O.H.	

LACANA MINING INC: DRILL LOG DRILL HOLE NO. RGE-24

PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH

SEC T 4N R 4E CLAIM COORDINATES: (N) (S) 746,954 (E) (W) 1,126,886

CONTRACTOR LANG / Pete HELPER Jerry SAMPLER RJM LOGGER RJM

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5474 Ft.

BEARING — INCLINATION Vert TOTAL DEPTH 305 HOLE DIAMETER 5 1/2"

CASING 7" (6") BOTTOM ELEVATION WATER LEVEL

SAMPLE DISPOSITION SUMMARY COST/HR COST/FT $8.00

SHEET 1 OF 5 DATES: START COMP.

TIME: START COMP.

MOVING TIME: START COMP

STANDBY TIME: START COMP

TOTAL HOURS DRILLED HOURS COST

BIT COST TOTAL COST

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Wash Rec. +/12M	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicification	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	Remarks: MORRIS: 55-85 120-140	
1	5			DRY		MED OR BRN	MED OR BRN	45	HVY	Nil	HVY		LT	Nil	SOIL			.018							0'-19' SOIL + ALLUVIUM
2	10			"		"	"	50	HVY	"	"		"	"				.008							
3	15			"		"	"	10	HVY	"	"		"	"				.006							
4	20			DAMP		"	"	60	HVY	"	"		"	"	19'			.004						19'	19'
															SHALE	DEADWOOD FM-E									19'-61' SHALE w/
5	25			WET			DK GRN + OR BRN	65	LT	"	MOD		"	"				.002						19'-60' MINOR PY	MINOR CALC UNITS
																								AS DISCRETE CHIPS (SMALL) + ON FCT	DK TO MED GRN w/ MINOR
6	30			"			DK GRN + BRN	70	Nil	"	LT		"	<1				.006							DK BRN UNITS; FN GRN
7	35			"			MD GRN GY	70	"	TR	TR		"	<1				Nil							
8	40			"			MD GY GRN + DK BRN	70	"	LT-MOD	"		"	1-2				Nil							
9	45			"			MD GRN GY + DK BRN	70	"	TR	"		"	"				.002							47'-60' SHALE INCR.
10	50			"			"	70	"	Nil	"		"	1				Nil							BLEACHED AND SILIC. AS NEAR CNT w/ HB
																									DIO

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 5
Drill Hole # RGE-24

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +1/2 M	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
11	55			WET			MD GRN GY	70	Nil	TR	TR		MOD	1	SHALE	DEADWOOD FM-E		Nil						55'-70' TR FLUOR. 1% PY ON FCT + AS	SHALE BLEACHED + SILIC; LT GRN W/ DK GRN UNITS
12	60			"			"	75	"	Nil	"		MOD	2-3	59'		.007	.007		.010	.010			SMALL BLEBS 59'	59'
13	65			"			LT-MED GY-GRN	75	"	LT	"			"	HB DIO	TERT. X INTRUS. X X X X X X	.015	.006		.020	.020			59'-70' 3-5% PY AS DISSEM, XLS + REPL. HB; MINOR PY ON FCT	59'-70' HB DIO LT GRN GY; FN GRN; HB ALT. TO CHL + MAGN; HB ALSO REPL BY PYRITE; FELD IN GROUNDMASS MOST FRESH
14	70			"			MD GY	70	"	Nil	"			"	70'		.017	.016		.020	.020			70'	70'
15	75			"			MD GRN GY	70	"	LT	Nil			"	SHALE	DEADWOOD FM-E	.031	.024		.035	.035		(.035)	70'-85' PY 3-7% AS FCT FILLINGS AND BLEBS; PARTS ARE HIGHLY MAGNETITIC BUT NO PYR. OBSERV.; PROB MAGNETITE	70'-124' SHALE DK TO MED GRN
16	80			"			"	60	"	"	"			3-4			.063	.078		.055	.055		(.067)		
17	85			"			DK GY GRN	75	"	"	"			5-7			.070	.072		.070	.070		(.071)		
18	90			"			LT GRN GY + DK BRN	70	"	LT-MOD	"			<1	90' DK BRN SHALE	90' DEADWOOD FM-E		.018		70'	.033			90'	90'
19	95			"			DK BRN	70	"	LT	"			<1				.030						85'-115' MINOR PY AS DESCRETE SM. BLEBS + ON FCT	90'-115' DARK BRN SHALE FN GRN; DK CHOC. BRN
20	100			"			"	65	"	Nil	"			TR				.024							
21	105			"			"	70	"	"	"			"				.014							
22	110			"			"	80	"	"	LT			"				.028						110'-115' TR FLUOR.	
23	115			"			"	75	"	LT	TR			<1	115' SHALE	DEADWOOD FM-E		.016						115'	115' 115'-120' 25% CHIPS HB DIO AS AT 59'; PROB NARROW SILL

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 5
Drill Hole # RGE-24

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. 1/2 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY Au	SILVER VALLEY Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
24	120			WET			MD GRN GY	65	Nil	TR-LT	Nil			1-2	SHALE	DEADWOOD FM -E		.048						115'-124' INCR PY TO 1-5%; FOUND AS CS GRN FCT FILLINGS + FN GRN MASS. PY	115'-124' SHALE FN GRN; DK TO LT GRN
25	125			"			MD-DK GRN GY	90	"	Nil	TR-LT			3-5	124'		.040	.030		.045	.045		(.037)	124'	124'
															TRACHYTE	TERT. INTRUS.								124'-135' PY OXIDIZED TO LIM + GEO	124'-140' TRACHYTE PORR.
26	130			"			MD OR BRN	85	"	"	LT-MD			Nil		✓ ✓ ✓ ✓ ✓ ✓	.035	.026		.040	.040		(.033)		GRNDMASS APHANITIC + DK GY; .05"-.1" FELDSP PHENOS (LT GY) PHENOS 10-15%
																								135'-140' 1% PY ON FCT; LT OXIDATION	
27	135			"			"	70	"	TR	MOD			"		✓ ✓ ✓ ✓ ✓ ✓	.019	.008		.025	.025		(.016)		
28	140			"			MD GY	60	"	"	LT			1	140'		.030	.028		.030	.030		(.029)	140'	140'
															SHALE	DEADWOOD FM -E								140'-144' MIN. PY ON FCT AS SULF VNLTS	140'-144' SHALE FN GRN; DK GRN GY
29	145			"			MD-DK GRN GY	55	"	TR-LT	Nil			1	144'		.023	.010		.030	.030		(.02)	144' + XLS ON FCT	144'
															HB DIO	TERT. INTRUS.								144'-155' 2-3% PY DISSEMIN. REPLACING HB W/ MINOR PY ON FCT	144'-155' HB DIO FN GRN LT GY; HB ALT TO MAGN + CHL (MINOR); RELICT HB OBVIOUS IN SOME CHIPS
30	150			"			LT GY GRN	85	"	LT	TR			2-3		X X X X X X	.024	.012		.030	.030		(.02)		
31	155			"			"	75	"	TR	"			"	155'	X X X X X X	.017	Nil		.025	.025			155'	155'
															SHALE	DEADWOOD FM -E								155'-179.5' 2-5% PY AS FN GRN REPL(?) AND CS GRN FCT FILLINGS; SOME WEAKLY MAGNETITIC AREAS (PROB. MAGNET)	155'-179.5' SHALE FN GRN, DK GRN
32	160			"			DK GRN GY	70	"	Nil	Nil			3-5			.018	.014		.020	.020				
33	165			"			MD-DK GRN GY + MD BRN	90	"	"	"			"			.014	.002		.020	.020				
34	170			"			DK GY GRN	85	"	"	"			2-3			.014	.012		.02	.02				
35	175			"			"	90	"	TR	TR			"			.012	.006		.015	.015				175'-180' MINOR BLEACHING OF SHALE (30% OF CHIPS) TO LT GRN
36	180			"			MD GRN GY	85	"	Nil	LT			3-5	179.5'		.016	.008		.020	.020			179.5'	179.5'
															QUARTZITE	DEADWOOD FM -E									179.5'-235' QUARTZITE

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 5
Drill Hole # RGE-24

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. 1/12M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY Au	SILVER VALLEY Ag	SHMC OPT Au	SHMC OPT Au Ag	SHMC OPT Au	SHMC OPT Ag	REMARKS:	
37	185			WET			MD-DK OR+YEL BRN	75	Nil	Nil	HVY			TR	QTZITE	DEADWOOD FM €	.112	.102		.115 (.118)	.120		(.110)	179.5'-185' PY OXIDIZ. TO LM W/MIN GEO; PROB 2-3% PY	179.5'-235' QUARTZITE LT GY, FN GRN; LM STAINED
38	190			"			MD OR GY	70	"	"	LT-MOD			2-3			.017	Nil		.025	.025			185'-190' LESS OXIDATION 2-3% PY, MINOR FeOx	
39	195			"			MD-DK OR BRN	60	"	"	MOD-HVY			<1				Nil						190'-195' INCR OXIDATION MOD LM APT PY	
40	200			"			LT-MED OR GY	30	"	"	LT			1-2				.010						195'-200' DECR OXIDAT. 1-2% PYRITE; LT LM	
41	205			"			"	35	"	"	LT			1				.008						200'-235' DECR PY TO <1%; ON FCT; LT LM	
42	210			"			LT OR BRN	60	"	"	LT-MOD			TR				.008							
43	215			"			"	50	"	"	"			Nil				.014							
44	220			"			"	80	"	"	"			Nil				.018							
45	225			"			"	40	"	"	"			"				.032							
46	230			"			"	60	"	"	"			"				.022							
47	235			"			"	60	"	"	"			"	235' METACHERT	PE		.016						235'	235' 235'-283' METACHERT W/ MUSC. SCH. + MINOR ~~BIO SCH.~~
48	240			"			MD-DK OR+RD BRN	60	"	"	MOD-HVY			<1				.026						235'-283' TR PY UNIT CONTAINS MOD LM SUGGESTING IF ANY PY, IS NOW OXIDIZ.	CHERT IS SOMETIMES BANDED NARROW BEDS OF CS GRN MUSCOV. SCH COMMON; BIO SCH. RARE
49	245			"			MD OR BRN	85	"	"	MOD			Nil				.024							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 5
Drill Hole # RGE-24

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. %	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
50	250			WET			MD OR BRN+DK GY	75	Nil	Nil	MOD			TR	METACHERT	PE		.008							
																~ ~									METACHERT AS AT 235'
51	255			"			LT-MD OR BRN	80	"	"	"			Nil		~ ~		.010							
																~ ~ ~								TR PY; MOD LM (POSS	
52	260			"			MD OR BRN	80	"	"	"			"		~ ~		.014						AFT PY ??)	
																~ ~ ~									
53	265			"			LT-MD OR BRN	75	"	"	LT-MOD			"		~ ~		.008							
																~ ~ ~									
54	270			"			"	80	"	"	"			"		~ ~		Nil							
																~ ~ ~									
55	275			"			LT-MD OR BRN+MOD	70	"	"	"			TR		~ ~		.006							
																~ ~ ~									
56	280			"			"	80	"	"	"			TR		~ ~		.004							
																~ ~ ~									
															283'	~ ~								283'	
57	285			"			DK GY+ LT OR BRN	85	"	"	LT			3-5		~ ~		.004							
															AMPHIBOLITE	PE ~								283'-305' 1-5% PY	283'-305' AMPHIBOLITE(?)
58	290			"			DK GY	65	"	"	TR-LT			2-4		~ ~ ~		.018						ON FET + IN SULF. VNS THAT CUT	BLK APHANITIC ROCK, FOLIATED
																~ ~								FOLIATION; PY ALSO ON FOLIATION PLANES	
59	295			"			"	70	"	"	"			2-3		~ ~		.008							
																~ ~ ~									
60	300			"			"	80	"	"	TR			"		~ ~		.002							
																~ ~ ~									
61	305			"			"	75	"	"	TR			1-2		~ ~		Nil							
																								E.O.H @ 305'	

LACANA MINING INC: DRILL LOG _____ DRILL HOLE NO. RGE-25

PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH

SEC ___ T 4N R 4E CLAIM _____ COORDINATES: (N) (S) 747,166 (E) (W) 1,127,091

CONTRACTOR LANG HELPER _____ SAMPLER _____ LOGGER _____

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5536 FT

BEARING _____ INCLINATION VERT. TOTAL DEPTH 400' HOLE DIAMETER _____

CASING _____ BOTTOM ELEVATION _____ WATER LEVEL _____

SAMPLE DISPOSITION _____ SUMMARY _____ COST/HR _____ COST/FT $8.00

SHEET ___ OF ___ DATES: START _____ COMP. _____

TIME: START _____ COMP. _____

MOVING TIME: START _____ COMP _____

STANDBY TIME: START _____ COMP _____

TOTAL HOURS DRILLED _____ HOURS COST _____

BIT COST _____ TOTAL COST _____

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Wash +1/4 Rec.	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicifi-cation	Sulfide % PYRITE	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	Remarks:	
1	5			DRY		LT GY	MD-DK OR BRN	65	3-5	NIL	HVY			NIL	4' SOIL			.002						4'	0'-4' SOIL + ALLUVIUM
															SHALE	DEADWOOD FM-Є								4'-25' MINOR	4'-63' SHALE + CALC.
2	10			"		MED BRN	MED BRN	70	"	TR	MD			"				.006						PY HAS BEEN COMPL. OXIDIZED TO PYRITE	SEDIMENTS
																									FN GRN, DK GRN, FISSILE
3	15			"		"	MD-DK BRN	65	"	NIL	"			"				.012							
4	20			"		"	"	60	"	NIL	"			"				.090						25'-63' TR TO	
																								2% PY ON FCT	
5	25			"		"	MD GRN GY	70	2-3	MOD	"			"				.026						AND OPEN SPACE FILLINGS	
6	30			"		LT BRN GY	MD-DK GY-GRN	75	"	MOD-HVY	LT			<1				.018							
7	35			"		LT GY	"	65	TR	MOD	TR			"				.014							
8	40			"		"	"	60	NIL	"	NIL			1-2				.012							40'-63' INCR IN LT GREEN FRAG BLEACHING DUE TO HB DIO DIKE
9	45			"		"	MD GRN GY	55	"	MOD-HVY	TR			<1				.010							40-45' POSS HB DIO FRAG, POSS NARROW DK
10	50			"		"	MD-DK GRN GY	65	"	MOD HVY	TR			1.				.004							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 7
Drill Hole # RGE-25

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. 1/2 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % Pyrite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
11	55			DRY		LT GY	MD GRN GY	55	Nil	MOD	Nil			<1	SHALE	DEADWOOD FM Є		.002							SHALE AS AT 40'
																								MINOR PY	55'-60' CLAY 5%; POSS FCT GOUGE
12	60			DAMP		MED GY	"	40	3-5	"	"			<1				.006							
13	65			WET			MD GRN GY + MD GRN	45	Nil	LT	TR			1	63'	X X X		.004						63'	63'
															HB DIO	TERT. INTRUS. X								63'-70' 1-2% PY, DISSEM. AND ON FCT	63'-70' HB DIO LT GY-LT GRN GY, HR ALT. COMPL.
14	70			"			LT-MD GY	40	"	MOD-HVY	Nil			1-2	70'	X X X		.004						70'	70'
															SHALE	DEADWOOD FM Є								70'-78' <1% PY ON FCT; MIN LM + GEO ON FCT	70'-78' SHALE FN GRN; LT GRN GY (BLEACHED); SILICIF.
15	75			"			LT-MD GRN GY	50	"	MOD	TR		MOD	<1				.004							
16	80			"			MD GRN GY	"	"	"	LT			1	78'	X X X		.006						78'	78'
															HB POR	TERT. INTRUS X								78'-95' MINOR PY ON FCT	78'-99' HB POR. FN GRN; LT GY TO MED GY GRN; GRNOMASS APH. 78'-87' ABUND EPIDOTE
17	85			"			"	15	"	"	Nil			1		X X X		.002							95'-95' POSS SHALE XENOLITH? 50% CHIPS SHALE
																X X									
18	90			"			"	"	"	"	"			1		X X X		.006						95'-99' MINOR PY	95'-100' HB REPL BY CHL, MAG, PY
																X X								MOSTLY DISSEM, REPL HB, SOME PY ON FCT	HB POR PROPYLLITICALLY ALT.
19	95			"			"	25	"	"	TR			"		X X X		.002							
																X X									
20	100			"			LT-MD GRN GY	60	"	LT-MOD	"			1	99'	X X X		.004						99'	99'
															SHALE 102	DEADWOOD X X								102' 1-2% PY ON FCT	102' 99-102' SHALE LT GRN GY TO DK GRN
21	105			"			MD GRN GY	75	"	MOD	"			2-3	HB POR	TERT. INTRUS.	.007	.004		.010	.015				102'-118' HB POR. LT GY TO LT GRN GY; GRNOMASS APHAN.; HB ALT. CHL, MAGN, CALC, W/ MINOR PY
																X X X								102'-118' 1-2% PY HALF DISSEM REPL HB AND HALT ON FCT	
22	110			"			LT GY	65	"	LT-MOD	Nil			1-2		X X	.007	.004		.010	.010				
																X X X									
23	115			"			"	60	"	"	"			1-2		X X	.001	.002		TR	NF			115'-120' IN XENOLITH PY ON FCT + MASS REPL. (3-5%)	
																X X X									