1936278 - R8 SEMS

LACANA MINING INC: DRILL LOG _____ DRILL HOLE NO. RGE-29

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

SEC ___ T 4N R 4E CLAIM _____ COORDINATES: (N) (S) 746,544 (E) (W) 1,127,281

CONTRACTOR LANG HELPER _____ SAMPLER _____ LOGGER _____

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5581 FT.

BEARING _____ INCLINATION VERT. TOTAL DEPTH 425' HOLE DIAMETER _____

CASING _____ BOTTOM ELEVATION _____ WATER LEVEL _____

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

SHEET 1 OF 7 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 + 12M Rec.	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 BRN	LT-MD OR-RD BRN	70			MOD-INV.			Nil	BRECCIA	△		.006							0'-323' BRECCIA
																									EVERY FIVE FOOT
2	10			"		"	"	50			"			"		△		.006							INTERVAL CONTAINS
																									FRAGMENTS OF DEADWOOD SHALE, POSS PE, POSS
3	15			"		LT YELL BRN	LT-MD OR BRN	20			LT-MD			"		△		.006							NIL ALT HB DIO, + TRACHYTE
4	20			"		"	"	10			"			"		△		.004							
5	25			"		"	"	15			"			"		△		.004						0-323'	
																								2-3% PY	
6	30			"		LT GY	"	35			LT			1-2		△		.012						PY IS SMALL DESCREET FRAG. PROB.	
																								OPEN SPACE FILLING; MINOR	
7	35			"		LT GY BRN	LT-MD GY	25			LT			2-3		△		.006						DISSEM; PY OFTEN ASSUMED	
																								XLS TYP. OF BXIATED OPEN SPACE FILLINGS;	
8	40			"		"	"	40			TR			"		△		.004						MIN SULF VNLTS	
9	45			"		"	"	25			"			"		△		.024							
10	50			"		"	"	55			"			3-4		△		.004							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 7
Drill Hole # RGE-29

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12M	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	Au	Ag	REMARKS:	
11	55			DRY		LT GRN GY	LT-MD GY	30			TR			3-4	BRECCIA	△		.004							BRECCIA AS AT 0'
12	60			"		"	"	40			"			"		△		.006							
13	65			"		"	MD GY	50			"			1-2		△		.006							
14	70			"		"	LT-MD GY	30			LT			"		△		.006							
15	75			"		"	MD GY	40			TR			"		△		.004						2-3 % PY AS AT 0'	
16	80			"		"	"	40			LT			2-3		△		.004							
17	85			"		"	"	40			TR			1-2		△		.004							
18	90			"		"	"	35			"			1		△		.004							
19	95			"		"	"	40			"			2-3		△		.006							
20	100			"		"	"	50			"			2-4		△		.006							
21	105			"		"	"	40			"			"		△	.004	.004		.005	.010				
22	110			"		"	"	55			"			2-3		△	.006	.008		.005	.005				
23	115			"		"	"	35			"			1-2		△	.006	.006		.005	TR				

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 7
Drill Hole # RGE-29

no.	Foot typ	Drill Rec.	Wells	Wetness	Min.	Color Dry	Color Washed	Washed Rec. T/ZM	Clays	$CaCO_3$	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:
24	120			DRY		LT GRN GY	MD GY	40			TR			2-3	BRECCIA	△	.003	.006		TR	TR			BRECCIA AS AT 0'
25	125			"		"	"	35			"			"		△	.004	.008		TR	TR			
26	130			"		"	"	40			"			3-4		△	.006	.008		.005	TR			
27	135			"		"	"	40			"			2-3		△	.004	.008		TR	TR			2-3% PY AS AT 0'
28	140			"		"	"	40			"			2-3		△	.004	.002		.005	.005			
29	145			"		"	"	40			"			"		△	.006	.006		.005	.005			
30	150			"		"	"	40			"			3-4		△	.006	.006		.005	.005			
31	155			"		"	LT-MD GY	40			"			2-3		△	.002	.004		TR	NF			
32	160			"		"	"	40			TR-LT			"		△	.006	.008		.005	.010			
33	165			"		"	MD GY	55			Nil			"		△	.005	.010		TR	TR			
34	170			"		"	LT-MD GRN GY	45			TR			1-2		△	.001	.002		TR	TR			
35	175			"		"	LT-MD GY	60			"			2-3		△	.006	.006		.005	.005			
36	180			"		"	LT-MD OR BRN + GY	35			LT			3-5		△	.004	.004		.005	.010			

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 7
Drill Hole # RGE-29

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. TEM	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:
37	185					LT GRN GY	LT-MD GY	40			TR			3-4	BRECCIA	Δ	.006	.008		.005	tr.			BRECCIA AS AT 0'
38	190					LT-MD GY	" + OR BRN	30			LT			3-6		Δ	.008	.012		.005	.005			
39	195					"	LT GY + OR BRN	35			LT-MOD			2-3		Δ	.002	.004		tr	tr			
40	200					"	"	40			"			"		Δ	.006	.006		.005	.005			2-3% PY AS AT 0'
41	205					"	"	35			LT			"		Δ	.012	.014		.010	.010			
42	210					"	"	30			LT-MOD			"		Δ	.011	.012		.010	.005			
43	215					"	LT-MD OR BRN	45			"			3-4		Δ	.020	.026		.015	.010			
44	220					"	LT-MD GY	45			TR			"		Δ	.020	.024		.015	.015			
45	225					"	"	55			"			"		Δ	.016	.018		.016	.015			
46	230					LT GRN GY	LT GRN GY	55			"			2-3		Δ	.014	.022		.005	.005			
47	235					"	"	60			LT			1-2		Δ	.009	.008		.010	.010			
48	240					"	" + OR BRN	65			"			1-2		Δ	.014	.018		.010	.015			
49	245					"	LT-MD GRN GY	50			"			1-2		Δ	.007	.004		.010	.015			

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 7
Drill Hole # RGE-29

no.	Footage	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	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:
50	250						LT-MD GRN GY	50			LT-MOD			1-2	BRECCIA	Δ	.006	.006		.005	.005			BRECCIA AS AT 0'
51	255						" + OR BRN	50			LT			1-2		Δ		.008						
52	260						"	50			"			1		Δ		.002						2-3% PY AS AT 0'
53	265						"	60			LT			1		Δ		.004						
54	270						LT-MD GRN GY	55			"			1-2		Δ		.006						
55	275						" + OR BRN	60			TR-LT			1		Δ		.002						
56	280						"	50			LT			1		Δ		.002						
57	285						"	70			LT			1-2		Δ		.006						
58	290						"	15			TR			1-2		Δ		.004						
59	295						LT-MD GRN GY	55			TR-LT			1		Δ		.008						
60	300						" + OR BRN	60			"			1-2		Δ		.020						
61	305						"	55			TR			1-2		Δ		.006						
62	310						LT GY	45			TR-LT			"		Δ		.004						

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 6 of 7
Drill Hole # RGE-29

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clays	$CaCO_3$	FeOx3	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
63	315			DRY			LT GY+ OR BRN	65			TR-LT			1-2	BRECCIA	△		.006							BRECCIA AS AT 0'
																△								2-3% PY AS AT 0'	
64	320			"			"	75			"			"		△		.004							
																								323'	323'
65	325			"			LT GY	65			TR			"		✓ ✓		.012							
															TRACHYTE	TERT. INTRUS.								323'-398'	323'-398' TRACHYTE PORPHYRY
66	330			"			LT GRN GY+OR+ RD BRN	60			MOD			"		✓ ✓ ✓		.010						1-3% PY AS DISSEM. XLS AND ON FCT;	LT GY; APH. GRNDMASS; FELDSPAR PHENOS .01" IN DIAMETER; NO MAFICS VISIBLE
																✓ ✓									
67	335			"			"	75			"			"		✓ ✓ ✓		.010						LOCALLY MINOR OXID. PY → LM, GEO	
																✓ ✓									
68	340			"			"	70			TR-LT			2-3		✓ ✓ ✓		.006							
																✓ ✓									
69	345			"			LT GRN GY	70			TR			"		✓ ✓ ✓		.004							
																✓ ✓									
70	350			WET			"	70			TR-LT			1-2		✓ ✓ ✓		.004							
																✓ ✓									
71	355			"			" +OR BRN	70			LT			"		✓ ✓ ✓		.006							
																✓ ✓									
72	360			"			"	75			LT			"		✓ ✓ ✓		.006							
																✓ ✓									
73	365			"			"	45			"			1		✓ ✓ ✓		.008							
																✓ ✓									
74	370			"			LT GRN GY	50			TR			2-3		✓ ✓ ✓		.004							
																✓ ✓									
75	375			"			" +OR BRN	55			LT			3-5		✓ ✓ ✓		.028			10'	.032			
																✓ ✓									

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 7 of 7
Drill Hole # RGE-29

no.	Foot typ	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicifi-cation	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
76	380			WET			LT-MD OR BRN	75			LT-MOD			1-2	TRACHYTE	TERT. INTRUS.		.036							TRACHYTE PORPH AS AT
																✓ ✓ ✓								1-3% PY AS AT	323'
77	385			"			LT-MD GY	80			TR			2-3		✓ ✓		.020						323'	
																✓ ✓ ✓									
78	390			"			MD-DK OR MD BRN	50			MOD-MUX			<1		✓ ✓		.020							
																✓ ✓ ✓									
79	395			"			LT-MD GRN GY + OR BRN	55			LT-MOD			1		✓ ✓		.010							
																✓ ✓ ✓									
80	400			"			LT-MD-GRN GY + DK GY	70			LT			2-3	398'	✓ ✓ ✓ ~ ~	.016	.008		.025	.02			398'	398'
															ARGILLITE	PE?									398'-425' MAGN. ARGILLITE BLK, FNGRN, HILY MAGNETIC
81	405			"			DK GY	85			TR-LT			1-2		~ ~		.006							
																~ ~								1-2% PY ON FCT	
82	410			"			"	80			TR			1-2		~ ~		.004							
																~ ~									
83	415			"			"	70			TR			"		~ ~		.006							
																~ ~									
84	420			"			"	85			TR-LT			"		~ ~		.008							
																~ ~									
85	425			"			"	60			"			"		~ ~		.004							
																								E.O.H. 425'	
																								DRILLERS DRILLED 500' SHIFTS. DUE TO LACK OF TIME THIS LOG IS INADEQUATE. IF GOOD ASSAYS ARE ENCOUNTERED.	TWO CONSECUTIVE

LACANA MINING INC: DRILL LOG DRILL HOLE NO. RGE-30

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

SEC T 4N R 4E CLAIM COORDINATES: (N) (S) 746,358 (E) (W) 1,127,076

CONTRACTOR LANG HELPER SAMPLER LOGGER

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5594 FT

BEARING INCLINATION TOTAL DEPTH 405' HOLE DIAMETER

CASING BOTTOM ELEVATION WATER LEVEL

SAMPLE DISPOSITION SUMMARY COST/HR COST/FT $8.00

SHEET 1 OF 7 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 + 12M Rec.	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 Au Ag	Au	Ag	Remarks:	
1	5			DRY			MD-DK OR BRN	60		NIL THROUGHOUT	MD-HVY			Nil	5'		.011	.004		.015	.015			5'	0'-5' SOIL + FILL
															SHALE	DEADWOOD FM €									5'-35' DEADWOOD FM SHALE FN GRN NILY GEO STAINED RX LOOKS LIKE SHALE
2	10			"		DUE TO LACK OF TIME NO DRY	"	45			"			"			.021	.012		.025	.025				
3	15			"			MD-DK RD OR BRN	50			"			"			.029	.026		.030	.030			0'-90' MINOR PY AS FN GRN DISSEM. RARE PY ON FCT	
																						15'			
4	20			"			"	35			HVY			"			.060	.050		.065	.065	.040			
5	25			"			"	40			MD-HVY			"			.036	.028		.040	.040				
																									25'-30' 5-10% HB FOR CHIPS POSSIBLY NARROW SILL; HB PSEUDOMORPHS APPARENT
6	30			"			LT-MD MD OR BRN	30			LT-MOD			<1			.023	.018		.025	.025				
7	35			"			LT-MD OR BRN	20			MOD			TR	35'		.027	.016		.025	.025			35'	35'
															TRACHYTE	TERT. INTRUS. ✓									35'-44' TRACHYTE ?
8	40			"			LT OR BRN	25			LT			"		✓✓✓	.011	.008		.015	.010				FN GRN LT GY TO LT YELL BRN; NO HB RELICTS SO CALLED TRACHYTE.
																✓ ✓									
9	45			"			"	35			"			"	44'	✓✓✓	.011	.006		.013	.013			44'	44'
															SHALE	DEADWOOD FM €									44'-55' SHALE FN GRN LT GRN; GOOD SHALE
10	50			"			"	45			"			"			.016	.008		.020	.020				

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 7
Drill Hole # RGE-30

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12M	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 Au ~~Ag~~	Au	Ag	REMARKS:	
11	55			DRY			LT GRN GY	60			TR-LT			1	SHALE	DEADWOOD FM ℄	.015	.006		.020	.020			55'	SHALE 55'
															HB DIO	TERT. X INTRUS									55'-60' HB DIO LT-MD GY; POSS HB PSEUDOMORPHS
12	60			"			LT-MD GY	30			"			<1	60'	X X X	.023	.010		.030	.030			60'	60'
															SHALE	DEADWOOD FM. ℄									60'-63' SHALE LT-MD GY GRN - GOOD SHALE
13	65			"			LT-MD OR BRN	20			LT-MOD			"	63'	✓ ✓ ✓	.025	.010		.035	.030			63'	63'
															TRACHYTE	TERT. INTRUS.								MINOR PY, DISSEM.	63'-214' TRACHYTE
14	70			"			MD-DK RD OR BRN	35			MOD HVY			TR		✓ ✓ ✓ ✓	.021	.012		.025	.025				LT.-MD GY; FELD. PHENOS ≈ .1" - .3"; PHENOS 20-40% OF ROCK
15	75			"			"	35			"			TR		✓ ✓ ✓ ✓	.017	.012		.020	.020				
16	80			"			DK RD BRN	30			HVY			Nil		✓ ✓ ✓ ✓	.013	.008		.015	.015				65'-95' HVY LM+HM STAIN; POSS. STRUCT.
17	85			"			MD-DK RD BRN + LT GY	55			MOD-HVY			1		✓ ✓ ✓ ✓	.013	.008		.015	.015				
18	90			"			"	25			"			1-2		✓ ✓ ✓ ✓	.008	.004		.010	.010			90'-160' INCR IN DISSEMIN. PY TO ≈ 2%	95'-105' TRACHYTE AS AT 63'
19	95			"			"	15			LT			"		✓ ✓ ✓ ✓	.011	.004		.015	.015				
20	100			"			LT-MD GY+LT OR BRN	20			LT			2-3		✓ ✓ ✓ ✓	.011	.004		.015	.015				
21	105			"			LT GY	25			TR-LT			"		✓ ✓ ✓ ✓	.015	.004		.020	.020				
22	110			"			DK RD BRN	30			V. HVY			<1		✓ ✓ ✓ ✓	.002	.002		.005	NF				105'-115' HVY HM STAIN
23	115			"			"	30			HVY			1		✓ ✓ ✓ ✓	.012	.006		.015	.015				

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 7
Drill Hole # RGE-30

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12M	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 Au	Au	Ag	REMARKS:	
24	120			DRY			DK RD BRN + LT GY	35			MOD-HVY			1	TRACHYTE	TERT. INTRUS. ✓ ✓	.011	.004		.015	.015				120'-125' HVY HM STAIN POSS. STRUCTURE
25	125			"			DK RD OR BRN	20			V HVY			Nil		✓ ✓ ✓ ✓	.011	.004		.015	.015				125'-135' 5% OF CHIPS W/ HVY HM STAIN
26	130			"			+ LT GY	35			MOD-HVY			1-2		✓ ✓ ✓ ✓	.015	.004		.020	.020			2% DISSEM. PY	
27	135			"			"	20			LT-MOD			2-3		✓ ✓ ✓ ✓	.016	.006		.020	.020				135'-140' 85% CHIPS HVY HM STAIN OTHER CHIPS TRACH. AS AT 125 POSSIBLE STRUCTURE
28	140			"			"	20			"			1		✓ ✓ ✓ ✓	.009	.008		.010	.010				140'-145' 35% CHIPS HVY HM STAIN
29	145			"			"	35			"			1-2		✓ ✓ ✓ ✓	.005	.006		.005	.005				
30	150			"			LT GY	25			LT			2-3		✓ ✓ ✓ ✓	.005	.006		.010	.010				
31	155			"			LT-MD OR BRN	20			"			2-3		✓ ✓ ✓ ✓	.015	.004		.020	.020				
32	160			"			LT-MD GY	45			TR			3-5		✓ ✓ ✓ ✓	.020	.010		.025	.025			160'-210' INCR DISSEM PY TO ≈3%	145'-180' TRACHYTE MD-LT GY; COLOR SLIGHTLY DARKER; POSS. FEWER PHENS.
33	165			"			"	40			"			2-4		✓ ✓ ✓ ✓	.013	.008		.015	.015				
34	170			"			"	25			"			"		✓ ✓ ✓ ✓	.013	.010		.015	.015				
35	175			"			"	30			"			2-3		✓ ✓ ✓ ✓	.017	.010		.020	.020				
36	180			"			"	30			"			"		✓ ✓ ✓ ✓	.015	.006		.020	.020				180'-185' 25% CHIPS W/ HVY GEO. STAIN; POSS. STRUCT.