LACANA MINING INC: DRILL LOG DRILL HOLE NO. RGE-14
PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH
SEC T 4N R 4E CLAIM COORDINATES: (N) (S) 748,365 (E) (W) 1,126,322
CONTRACTOR LANG / Peter HELPER Tom / Jerry SAMPLER RJM / RW LOGGER RJM
TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5578 FT.
BEARING — INCLINATION Vert TOTAL DEPTH 450 HOLE DIAMETER 5 3/4 at Collar
CASING 5'/6" BOTTOM ELEVATION WATER LEVEL 45'
SAMPLE DISPOSITION SUMMARY COST/HR COST/FT $8.00

SHEET 1 OF 8 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 +12 Rec. M	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicification	Sulfide % Pyrite/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	Remarks:	
1	5			Dry		Md GRN GY	Md GRN GY	70	nil		1-2			nil	Shale	DEADWOOD FM. (E)		Nil							0-36' DEADWOOD FM (E) INTBDD Md GRN-GY, Lt-GY-GRN, Lt GY & Dk BRN Shale and Calc Shales & Sltst. — Dominantly non-calc shales, Thin to V. thin Bedded. w/ alternating color bands (beds). Md Hornfelsed.
2	10			"		Md GRN GY	Md GRN GY	85	"		1-2			"				Nil							
3	15			"		Md GRN GY	Lt-Md GRN-GY	65	"		1/2-1			"		$CaCO_3$		Nil							
4	20			"		Md GY-GRN	Lt-Md GY	60	"		tr.			"		$CaCO_3$		.002							
5	25			"		Lt GY	Lt-Md GRN-GY	70	"		"			"		$CaCO_3$		Nil							
6	30			"		Lt GY	Lt-Md GY-GRN	55	"		nil			"				.004							
7	35			"		Lt GY	Lt-Md GRN-GY	90	"		"			"				.002							
															36' DIORITE	DIORITE								36'	36'-41' HORNBLENDE DIORITE? Lt. GY, spotted porphyry w/ .5-3mm Red BRN spots diss. thru out (FeOx after hbld?) in aphanitic gndmass. — Silicified? (spots-5-10%)
8	40			"		Lt GY	Lt GY	60	"		tr.			tr.				.036							
															41' Shale									41'	41'-50.5 DEADWOOD FM. Dominantly Md-Dk GRN-GY Shale w/ int bdd Dk BRN & Lt. GY-GRN shale. thin bedded.
9	45			"		Lt-Md ORG-BRN	Dk ORG BRN	90	5-10		3-5			nil				.004						40-45 - FeOx as ORG-BRN Stained clay coating Ehips.	
10	50				wet		Md GY-GRN	85	tr.		2-3			"				.014							
															50.5 DIORITE	DIORITE								50.5	50.5-54.5 HORNBLENDE DIORITE as 36-41 feet

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 8
Drill Hole # RGE-14

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % Pyrite/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
11	55			wet			Lt GY GRN	70	nil		½-1			tr.	DIORITE 54.5	DIORITE		.010						54.5	HORNBLENDE DIORITE PORPH
															Shale & Sltst	DEADWOOD FM. (E)									54.5-74.5 DEADWOOD FM. Intbedd lt to Md GRN-GY &
12	60			"			Lt GY GRN	65	"		tr.			½		$CaCO_3$		.016						55-70 Pyrite along	Dk BRN Shale & Lt GRN-GY Sltst. 54.5-65' some calc
																								bding plns & .1-1mm	Shale. Thin bedded to fissle(?) Hornfelsed (Md to Strg.)
13	65			"			Md to Dk GY-GRN	60	"		nil			½				.018						fracs.	
14	70			"			Md GRN GY	80	"		"			½				.022							
15	75			"			Lt GY-GRN to Dk BRN	70	"		"			tr.	74.5			.008						74.5	
															DIORITE	DIORITE								74.5-84.5 diss	74.5-84.5 HORNBLENDE DIORITE PORPH. Dk GRN-GY FN GRN
16	80			"			Dk GRN GY	65	"		"			1-2				.002						Pyrite & along	PORPH w/ 5-10% ± lt GY feldspar phenos up to 4mm. No obvious
																								.1-1mm fracs.	hbld remains; Gndmss aphanitic.
17	85			"			Dk GRN GY	60	"		"			1-2	84.5			.010						84.5	
															Shale 88'	DEADWOOD FM. (E)								88	84.5-88 DEADWOOD FM.; Intbdd Md-Dk GRN GY & Dk BRN Shale - mostly GRN-GY; thinly bdd.
18	90			"			Dk GRN GY	85	"		tr.			tr.	DIORITE	DIORITE		.008							88-104.5 HORNBLENDE
																								Pyrite as diss &	DIORITE PORPH.; Dk GRN-GY, Fine GRN; PORPH w/ ≥ 5% dk
19	95			"			Dk GRN GY	80	"		nil			2-3				.010						along .1-2mm	hnbld phenos (.5-3mm laths) & lt gray (.5-4mm) plag(?) phenos
																								fracs.	up to 3mm; in aphanitic gndmass
20	100			"			Dk GRN GY	45	"		"			1-2				.004							
21	105			"			Md GRN GY	55	"		"			tr	104.5			Nil						104.5	
															Shale w/ Calc Shle	DEADWOOD FM. (E)									104.5-110.5 DEADWOOD FM. Dk GRN-GY & Dk BRN Intbdd
22	110			"			Dk GRN-GY to Dk BRN	85	"		"			"	110.5	$CaCO_3$		.030							Shale thinly bedded & minor Calc. sltst.
															DIORITE	DIORITE								110.5	110.5-116' HORNBLENDE DIORITE PORPH.
23	115			"			Dk GRN GY	50	"		"			"				.020							as 88-104.5 - Dk GRN-GY
															116' Shale	DEADWOOD FM								116'	116-118.5 DEADWOOD FM. Intbdd lt to Dk GRN GY & BRN Shale

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 8
Drill Hole # RGE-14

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % Pyrite/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
24	120			wet			Dk GRN GY	55	nil		nil			½-1	118.5 Shale DIORITE	DEADWOOD FM DIORITE		.006						118.5	DEADWOOD FM. - as before
															122'									118.5-122 Pyrite 122 in fracs & diss	118.5-122 HORNBLENDE DIORITE as before (88-104.5)
25	125			"			Md to Dk GRN-GY	60	"		tr.			1-2	Shale	DEADWOOD FM. (t)		.004						122-136 Pyrite along bdding & in fracs (.1-1mm	122-136' DEADWOOD FM. Intbdded; lt to Dk GRN GY & Dk BRN; Thinly bdded shale,
26	130			"			Md GRN-GY Dk to BRN	80	"		nil			tr.				.002							
27	135			"			Md GRN GY	75	"		½-1			"				.010						130-135 - Small amts of (<½%) Purp. Fluorite along bding.	
															136'	DIORITE								136' Pyrite in fracs & diss	136-140 HORNBLENDE DIORITE
28	140			"			Md GY	75	"		tr.			1-2	140'			.002						140'	PORPH; Md GY; w/ D-Pistachio GRN (.5-3mm) diss spots of clinozoisite or Epidote after Plag? Veinlets of same...
														2	Shale 143'	DEADWOOD FM. (t)								143'	140-143 DEADWOOD FM. Intbdd Md to Dk GRN-GY & Dk BRN shale
29	145			"			Md GRN GY	55	"		nil			½		DIORITE		.006						143-154 Pyrite in .1-1mm fracs (Veinlets) & diss.	143'-154 HORNBLENDE DIORITE PORPH. lt-Md GY-GRN; FNGRN PORPH; w/ v. light GY (.2-2mm) Feldspars
30	150			"			Md GY	40	"		"			1-2				.002							& diss. pyrite & pyrrhotite after hbld(?)
																									150-154 Diorite much lighter GY due to silicification(?).
31	155			"			Md GY	55	"		"			3-5	154' Shale	DEADWOOD FM. (t)		.002						154	154-165 DEADWOOD FM.
32	160			"			Md to Dk BRN	55	"		"			tr.				.004						157-165 Pyrite mostly along bedding. Some Aggregates 2-10mm	lt GY; Md-Dk GRN-GY & Dk BRN thinly bdded shale
33	165			"			Md GRN GY.	55	"		tr.			½	165'			.004						165	
															167'	DIORITE								167	165-167 HORNBLENDE DIORITE as 143-154.
34	170			"			Dk GRN GY	75	"		nil			tr.	Shale	DEADWOOD FM. (t)		.002							167-193.5 DEADWOOD FM. ≈ 167-174' Intbdd Md-Dk GRN-GY & Dk BRN Shale
35	175			"			Dk GRN BRN	80	"		"			½	174' BRN Shale			.002							174-193.5 Dk BRN Thinly bdded to fissle shale w/ a few "thin" Dk Disturbin GRN Shale interbedds.
36	180			"			Dk BRN	65	"		"			tr.				Nil							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 8
Drill Hole # RGE-14

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/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
37	185			Wet			Dk BRN	70	nil		nil			tr.	BRN Shale	DEADWOOD FM. (E)		Nil							DEADWOOD FM. as before
38	190			"			Dk BRN	85	"		"			nil				Nil							
39	195			"			Dk BRN	75	"		"			1	193.5 DIORITE	DIORITE		.002						193.5 193.5-204 pyrite mostly in 1-2mm (veins (veinlets) disc.	193.5-204' HORNBLENDE DIORITE PORPH. Md to Dk GY-GRN; FN GRN; PORPH w/ Dk GY .5-3mm hnbld laths (3-6%) & very light GRN to GY feldspar (.5-4mm) aphanitic groundmass.
40	200			"			Md GRN-GY	75	"		"			2-3				.002							
41	205			"			Md GY-GRN	75	"		"			2-3	204' Shale	DEADWOOD FM. (E)		.018						204	204-229 DEADWOOD FM. 204'-216 Dk BRN; thin Bdd Shale. 216-229 Interbedded Dk BRN & lt GY-GRN & Dk GRN-GY shale thin bedded.
42	210			"			Dk BRN	65	"		"			nil				.012							
43	215			"			Dk BRN	70	"		"			tr.				.020							
44	220			"			Dk GRN BRN	55	"		"			1/2				.020							
45	225			"			Md to Dk BRN	65	"		"			1/2				.006							
46	230			"			Md BRN	65	"		tr.			2-3	229' TRACHYTE	TRACHYTE	.010	.100		.010	.010		2 (.055)	229 229-249 Pyrite as disc and veinlets (frac fillings) .1-3mm) w/ FeOx in veins or (traces). FeOx yell to GRN BRN	229-249 TRACHYTE PORPH. lt GY-GRN to Md GY; FN to Md GRND PORPH.; w/ 3-8 mm euhedral k-spar 10-20% in aphanitic groundmass. Some k-spar have < lt to md GRN-GY core (clinozoisite?)
47	235			"			Md GY	60	"		1/2-1			2-3				.012							
48	240			"			lt GY to ORG-BRN	65	"		1-2			3-5				.008		30	.028				
49	245			"			lt GY to ORG-BRN	40	"		2-4			1-2			.054	.012		.075	.075		2 (.044)		

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 8
Drill Hole # RGE-14

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clays	$CaCO_3$	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			wet			Lt. GY GRN	45	nil		½			1-2	249 Trachyte Shale to Quartzite	TRACHYTE DEADWOOD FM. (?)	.029	.006		.040	.040	(.025)	(.025)	249'	TRACHYTE PORPH. as before 249'- DEADWOOD FM.
51	255			"			DK BRN	65	"		tr.			5-10			.027	.022		.030	.030	(.040)	(.040)	250-275 Pyrite as free & open space(?) filling w/ Magnetite (2-10%) and Arsenopyrite (1-2%) & tr-2% pyrrhotite. Qtz	249-271' Dk BRN sltst to U. FN GRN SS, w/ abund. sulph Massive? to Md or thick bedded Conchoidal fract. SS mainly below approx. 257'.
52	260			"			DK BRN	50	"		nil			2-3			.015	.016		.015	.015		(.016)	blebs of pyrite w/ arsenopyrite 1-10 mm and veinlets .1-2mm.	271-275' DK GRN-GY shale
53	265			"			DK BRN	60	"		tr.			3-5			.026	.026		.025	.025		(.026)		
54	270			"			DK GY-GRN	75	"		nil			3-5			.033	.028		.035	.035		(.032)		275-294' Lt GY to Md GRN FN to md GRN Qtzite - no obvious bedding thickness determinable from chips.
55	275			"			DK GRN GY	85	"		tr.			tr.	275' Lt. GY Quartzite		.007	.006		.005	.010				
56	280			"			Lt GY	85	"		tr.			1-2			.006	.012		.005	TR			275-294' pyrite as free, filling .1-.5 mm + GRG to RED BRN. FeOx.	
57	285			"			md GY	80	"		tr.			1-2			.003	.010		Nil	Nil				
58	290			"			Lt-Md BRN	75	"		tr-½			½-1				.004							
59	295			"			Md GY-GRN	70	"		tr-½			2-3	294' DIORITE	DIORITE		.012						294 294'-330' pyrite diss & as .1-1 mm veinlets	
60	300			"			Md GY-BRN	65	"		nil			2-3				.008						diss. pyrite "replaced" hnblde?	294-330' HORNBLENDE DIORITE PORPH.
61	305			"			Md GY-GRN	45	"		"			1-2				.006							Lt GY to GRN-GY; FN GRN; PORPH; feldspar (plag or k-spar after plag?) phenos 1-3mm. No fresh hnblde. Md BRN & DK GY lath shaped "spots" of pyrite + qtz + Siderite?) after hnblde. In aphanitic
62	310			"			Md GY-GRN	65	"		"			2-3				.014							gnd mass. Generally rock looks silicified & replaced by k-spar ?? Biotite phenos "washed" out and hard to see.

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 6 of 8
Drill Hole # RGE-14

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. %	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfides %	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag	Au	Ag	REMARKS:	
63	315			wet			md GY-GRN	80	nil		1/2			3-5	DIORITE	DIORITE	.030	.030		.030	.030			Pyrite as before	HORNBLENDE DIORITE as before
64	320			"			md GY-GRN	60	"		tr.			2-3			.016	.008		.020	.020				
65	325			"			md GY-GRN	65	"		"			2-3				.004						325-330 Grid Fluorite in .1-.3 veinlets.	
																								325-330 ORG-BRN FeOx on Fracs.	
66	330			"			md GY-GRN	55	"		1/2			2-3	330' Quartzite	DEADWOOD FM (?)		.010						330'	330 - 406' DEADWOOD FM.
																								330-406' Pyrite as .1-.5 mm frac fillings. ± ORG-BRN to RED BRN FeOx.	
67	335			"			md BRN	60	"		nil			1-2			.09	.006		.025	.025				lt GY FN to COARSE GRN well indurated Massive (?) Quartzite w/ sutured grain boundaries. 395-406 lt BRN FN GRN Quartzite.
68	340			"			md BRN	55	"		tr.			1/2-1				.186							
69	345			"			Lt GY	55	"		1/2			1/2-1				.008							
70	350			"			Lt GY	50	"		1/2			tr				.008						340-400 FeOx as ORG BRN w/ less RED-BRN on Frac. & w/ w/o Pyrite	
71	355			"			Lt GY	50	"		1/2			"				.012							
72	360			"			Lt GY	55	"		1/2			"				.016							
73	365			"			Lt GY	55	"		1/2			"				.018							
74	370			"			Lt GY	55	"		1/2-1			"				.020							
75	375			"			Lt ORG-BRN	60	"		1-2			"				.010							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 7 of 8
Drill Hole # RGE-14

no.	Foot tgs	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. 7/12 M	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide % Pyrite/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
76	380			wet			Lt ORG BRN	60	nil		1-2			nil	Quartzite	DEADWOOD FM. (€)		.03						Pyrite as before	DEADWOOD FM. Quartzite as before
77	385			"			Lt ORG-BRN	75	"		1/2-1			"				.024							
78	390			"			Lt BRN	80	"		1/2-1			"				.020							
																				30'		.027			
79	395			"			Lt ORG BRN	70	"		1/2-1			tr.				.030							
80	400			"			Md BRN	60	"		1/2			1/2				.020							
81	405			"			DK BRN	65	"		tr.			1/2				.040							
															406' argillite	PRECAMBRIAN								406	406'-450' PRECAMBRIAN METAMORPHIC ROCKS.
82	410			"			DK BRN	85	"		"			1/2-1				.024						406-450 Pyrite as veinlets x cutting foliation and parallel to foliation (<1-1mm).	DK BRN; FN.GRN.; weakly foliated Argillite (no magnetite to trace)
83	415			"			DK BRN	35	"		"			1/2				.012							
																									405-420 - 10% lt GY Chert
84	420			"			DK BRN	55	"		"			1/2				.006							frags.
85	425			"			DK BRN	60	"		1/2			1/2-1				.006							
86	430			"			DK BRN	65	"		tr.			1/2				.004							
87	435			"			DK BRN	50	"		"			1/2				.004							
88	440			"			DK BRN	45	"		"			1/2				.002							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 8 of 8
Drill Hole # RGE-14

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfides %	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:
89	445			wet			Dk BRN	70	nil		Tr.			1/2		PRECAMBRIAN		.002						PRECAMBRIAN METAMORPHIC ROCKS.
																								Argillite as before
90	450			"			DK BRN	70	"		"			1/2				.002						
																								EOH 450'

LACANA MINING INC: DRILL LOG DRILL HOLE NO. RGE-15
PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH
SEC 1 T 4N R 4E CLAIM COORDINATES: (N) (S) 748,169 (E) (W) 1,126,318
CONTRACTOR LANG HELPER JERRY & TOM SAMPLER RW/SS/MSW/JRM LOGGER MSW
TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5555 FT
BEARING INCLINATION TOTAL DEPTH 410' 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 % Rec.	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	Remarks:	
1	5			DAMP			YEL. OR TO YEL. BR	75	5-10	NIL	ABNDT SURF OX MIN GOE AFT PY				3' HR DIO PORPH	FILL x x x x x		.008						3' FILL - HIGH SURF. OX HIGHLY SURF OXID.	0-3' FILL SOIL + QAL 3-12' HR DIO PORPH
2	10			DAMP			MOD. YEL. OR. BR	45	2	"	SAB					x x x x x		.002							
3	15			DAMP			SAB	45	15-20	"	ABNDT SURF. OX		MOD		12' SHALE	x x x		.010						12' ≈16' END OF MAJ. SURF. OXID.	12-73' DEADWOOD SHALE GRY GRN FINE GRND SHALES, SILTY SHALES & INTERBEDDED CALC. & S.S. LOCALLY BLEACHED + SILICIFIED
4	20			WET ↓			MOD. GRY GRN TO YEL OR BR	20	5-10	"	MOD. SURF OX		MOD					.004							
5	25						MOD. GRY GRN	40	1	"	MIN GOE ON FRAC.		MOD					Nil							
6	30						MOD. TO DK GRY GRN	45	TR	VRY WK	SAB		MOD					.002						TR MAGN.	
7	35						DK TO MOD. GRY GRN	55	NIL	WK	SAB		MOD	TR PY				Nil						PY IN VRY SM VNLTS.	
8	40						SAB	40	"	WK TO MOD	SAB		MOD	1% PY				.008						PY AS SM CUBES UP TO 2 MM DISSEM ON FRACS & AS VRY SM. VNLTS TR MAGN	
9	45						SAB	70	"	"	SAB		MOD	.5% PY ?TR PYR				.008						PY AS ABOVE ?TR MAGN	
10	50						MOD. TO DK GRY GRN	60	"	"	VRY MIN GOE ON FRAC		MOD	TR PY				.002						MIN BLEACHING TR MAGN	

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 7
Drill Hole # RGE-15

no.	Foot up	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	Ag	Au	Ag	Au	Ag	REMARKS:	
11	55			WET ↓			LT. TO MOD GRY GRN	70	NIL	WK TO MOD	VRY MIN GOE ON FRAC		MOD TO STR	TR Py	SHALE CONT			.004						MOD. BLEACHING W/ STRGR SILICIF.	DEADWOOD SH. CONT
12	60						SAB	65	"	"	SAB		MOD TO STR	TR Py				.008						MOD TO STR. BLEACHING & SILICIF.	
13	65						LT. TO DK GRY GRN	70	"	"	SAB		MOD TO STR	TR Py				.010						MOD. TO STR. BLEACHING & SILICIF.	
14	70						SAB	75	"	"	NIL		MOD TO STR					.012						MOD. TO STR. BLEACHING & SILICIF TR MAGN	
15	75						MOD. GRY GRN	80	"	"	"			TR Py	73' 75' SHALE			.004						73' 75' Py DISSEM ?REPL HB	73-75' HB DIO PORPH 75-93' DEADWOOD SHALE
16	80						MOD TO DK GRY GRN	65	"	"	"			1% Py				.008						Py AS SM BLEBS <1mm ONLY ON FRACS	
17	85						SAB	70	"	"	"		MOD TO STR	TR Py				.008						Py ONLY AS VRY SM. VNLTS TR MAGN MOD TO STR BLEACHING & ASSOC. SILICIF.	
18	90						LT. TO DK GRY GRN	70	"	"	"		MOD TO STR	TR Py				.010						Py AS ABOVE & AS SM BLEBS UP TO 1mm MOD TO STR. BLEACHING & SILICIF.	
19	95						DK TO LT GRN GRY	50	"	"	TR GOE AFT. Py			TR Py	93' HB DIO PORPH.			.006						93' 1-2% MAGN Py DISSEM	93-109 HB DIO PORPH ABUND. FRSH. HB up TO 10%
20	100						DK TO MOD GRN GRY	50	TR	"	TR GOE			1-2% Py				.016						Py DISSEM AS VRY SM. BLEBS <1mm, SM VNLTS & ?REPL. HB	
21	105						SAB	55	NIL	"	TR GOE ON FRAC			1-2% Py				.014						Py AS ABOVE	
22	110						MOD TO LT GRN GRY	45	"	"	SAB			1-2% Py ?TR PyR	109' SHALE			.004						109' Py AS ABOVE ?TR MAGN	LESS FRSH HB 109-116' DEADWOOD SHALE
23	115						DK TO MOD GRY GRN & BR	65	"	"	NIL		MOD. TO STR	TR Py	116' HB DIO PORPH			.008						MOD. TO STR SILICIF Py AS VRY SM. BLEB ON ?FRACS 116'	DK TO MOD GRY GRN & BR. SILTY SH. 116-121' HB DIO PORPH

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 7
Drill Hole # RGE-15

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed % Rec.	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
24	120			WET ↓			MOD TO DK GRY GRN	30	NIL	WK TO MOD	NIL			.5% Py	HB DIO PORPH CONT.			.006						Py DISSEM. .5-1% MAGN	HB DIO. PORPH. CONT
															121' SHALE									121'	121-126' DEADWOOD SHALE
25	125						MOD TO LT GRY GRN	75	"	"	"		MOD A TO STR.	TR. Py				.022						Py DISSEM ON FRAC. MOD TO STR. BLEACHING & SILICIF.	
															126' HB DIO PORPH									126'	126-129' HB DIO PORPH.
26	130						MOD GRY GRN W/ DK BR	60	"	"	"			TR Py	129' PORPH			.010						129' Py DISSEM IN HB DIO & ON FRACS IN SH	129-144' DEADWOOD SHALE
															SHALE										LOCALLY BLEACHED & SILICIFIED
27	135						MOD TO LT GRY GRN W/ DK BR	75	"	"	"		MOD. TO STR.	TR Py				.012						Py AS VRY SM. BLEBS ON FRACS	
28	140						SAB	75	"	"	"		MOD. TO STR.	TR Py				.024							
29	145						MOD GRY GRN W/ DK BR	75	"	"	"			TR Py	144' HB DIO PORPH			.010						144' TR MAGN	144-146' HB DIO PORPH
															146' SHALE										146-152' DEADWOOD SHALE
30	150						SAB	80	"	"	"		MOD TO STR.	1% Py				.028						Py DISSEM IN HB DIO CHIPS TO 146 & AS SM. BLEBS TR MAGN 1mm ON FRACS IN SH	MOD. TO STR. BLEACHING & SILICIFICATION
															152' HB DIO PORPH					10'	.030			152'	152-157' HB DIO PORPH
31	155						SAB	90	"	"	TR GOE			.5% Py				.032						Py DISSEM IN HB DIO FRACS & ON FRACS IN SH. TR MAGN	
															157'										157-165' DEADWOOD SHALE
32	160						DK BR W/ MOD GRY GRN	85	"	"	NIL		MOD. TO STR	1-2% Py	SHALE			.012						Py DISSEM SM. BLEBS ON FRACS & AS VRY SM VNLTS 1% MAGN	LOCALL MOD TO STR. BLEACHING & SILICIF.
33	165						SAB	90	"	"	"		MOD TO STR	.5% Py	165' HB DIO PORPH			.008						Py AS ABOVE TR MAGN 165'	165-177' HB DIO PORPH
34	170						MOD TO LT GRN GRY	65	"	"	"			1% Py				.004						Py DISSEM - ON FRACS, ? REPL HB	
35	175						MOD GRY GRN	75	"	"	"			TR Py				.006						Py AS ABOVE 1% MAGN	170-175 CONTAINS 10-20% SM. CHIPS
															177'									177'	? SM. SH. LENS
36	180						MOD TO DK GRY GRN W/ DK BR	85	"	"	TR GOE ON FRAC		MOD	.5% Py	SHALE			.032						Py AS SM BLEBS ON FRACS 2-3% MAGN & AS VNLTS	177-180' DEADWOOD SHALE LOCALLY MOD. BLEACHING & SILICIF.

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 7
Drill Hole # RGE-15

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. %	Clay³	$CaCO_3$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:	
37	185			WET ↓			DK BRW MIN MOD GRY GRN	70	NIL	VRY WK	•5% GOE ON FRAC			TR Py	SHALE CONT			.004						Py ON FRAC. W/ GOE	DEADWOOD SHALE CONT.
																									DK BRN. ? HORNFELSED SH
38	190						DK BR + MOD GRY GRN	65	"	WK TO MOD	NIL			2-3% Py	188' HB DIO PORPH.			.018						188' Py DISSEM IN HB DIO AS ? REPL HB., ON FRACS.	188-197' HB DIO PORPH.
39	195						MOD GRN GRY	70	"	MOD	"			1% Py				.006						Py AS ABOVE	
															197'									197'	197-224 DEADWOOD SHALE
40	200						DK BRW MOD GRY GRN	70	"	WK TO MOD	"			1-2% Py	SHALE			.002						Py AS BLEBS UP TO 2mm ? OF SH. FILL + ON FRACS.	DK BR + MIN GRY GRN
																									? HORNFELSED SHALE
41	205						DK BRW MIN YELOR + LOW GRN	70	"	WK	•5%-1% GOE ON FRAC			1% Py	? SILL OF HB DIO			.004						Py MOLY IN HB DIO FRAGS DISSEM.	200-206' 10-20% HB DIO PORPH FRAGS
																								GOE COATS FRACS IN SH.	POSS. SM. SILL OR DIKE
42	210						DK BR	95	"	WK TO MOD	NIL			TR. Py				Nil						Py DISSEM AS VRY SM BLEBS ON FRACS.	
43	215						SAB	75	"	VRY WK	"		MOD TO STR	•5% Py				Nil						Py AS ABOVE MIN - MOD TO STR. BLEACHING + SILICIF.	
44	220						DK BRW MIN MOD GRY GRN	75	"	NIL	"		MOD TO STR	•5% Py				Nil						Py AS ABOVE + VRY SM VNLTS MIN. - MOD TO STR BLEACHING + SILICIF.	
45	225						MOD TO DK GRY GRN W/ MOD BR	75	"	"	"			TR Py TR PYR				.010						SULFIDE IN HB DIO IS Py + IS DISSEM. SULF. IN SEDS MOLY FRAC.	224-230' MIX OF DEADWOOD SH + HB DIO PORPH.
46	230						MOD TO DK GRY GRN W/ BR TINT	70	"	"	"			2% Py TR AsPy TR PyR	HB DIO PORPH 230'		.012	.006		.015	.015			TR ARSENOPY. COATING. 230'	? CONTACTS
															HB DIO									Py IS DISSEM IN HB DIO ? REPL HB + ON FRAC.	230-237' HB DIO PORPH W/ MIN SH. FRAGS
47	235						SAB	75	"	"	"			1% Py TR PYR	PORPH		.011	.004		.015	.015			PYR MOLY ON FRACS IN SHALE FRAGS	
															237'									237'	237-245 DEADWOOD SHALE
48	240						DK BRW/ GRN TINT	65	"	"	"			5-10% TRACE Py + PYR	SHALE		.009	.008		.010	.010			DISSEM Py + PYR ON FRACS	DK BR W/ GRN TINT SILTY HORNFELSED SHALE
49	245						SAB	65	"	"	"			8-15% Py TR AsPy TR MAGN 3-5% PYR			.021	.012		.025	.025			TR ARSENOPY TR MAGN SULF. AS ABOVE ARSENOPY W/ PYR	W/ MIN. HB DIO FRAGS.

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 7
Drill Hole # RGE-15

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. %	Clays	$CaCO_3$	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			WET ↓			DK TO MOD GRY GRN W/ BR	85	NIL	NIL	NIL			1% Py	SHALE CONT.		.011	.012		.010	.005			Py ON FRACS & AS SM. VNLTS TR MAGN	DEADWOOD SH. CONT
51	255						DK TO MOD GRY GRN	90	"	"	"			1% Py TR Pyr	255'		.029	.016		.035	.035		2 (.026)	Py AS ABOVE ≈10% MAGN OR MORE 255'	ABUN. MAGN.
															SHALE						10	.031			255-260 DEADWOOD SHALE MOD GRY GRN
52	260						MOD GRY GRN	40	1%	MOD	TR GOE ON FRAC			1-3% Py	260'		.035	.034		.035	.035		(.035)	Py DISSEM THROUGHOUT & AS 1-2% MAGN VNLTS & ON FRACS.	HORNFELSED SILTY SHALE
															QTZITE										260-270' DEADWOOD QUARTZITE
53	265						LT. TO MOD GRY W/ OR TO GRN	40	NIL	MOD	1-2% GOE ON FRAC AFT Py			7-10% Py			.023	.010		.030	.030		≈ (.020)	Py FRAC. CONT. - ON FRACS & AS VNLTS W/ GOE	FN GRND.
																									CLN QTZITE TO 267'
54	270						LT. TO DK GRY W/ OR YEL	30	"	WK	SAB			5% Py	270'		.013	.008		.015	.015			Py AS ABOVE 270'	DIRTY QTZITE
															HB DIO PORPH										270-320' HB DIO PORPH.
55	275						DK TO MOD GRY GRN	65	"	VRY WK	.5-1% GOE ON FRAC ? AFT Py			1% Py				.012						Py DISSEM	
															QTZITE										QTZITE ? XENO ≈ 277'
56	280						LT. TO DK GRY W/ GRY GRN + OR YEL	5	"	NIL	2% GOE ON FRAC AFT Py			TR Py				.006						GOE ON FRAC. ? AFT Py ON QTZITE CHIPS	
57	285						MOD TO LT GRN GRY W/ OR YEL	45	"	"	SAB			1% Py				.004						Py DISSEM ? REPL HB + ON FRACS GOE ON FRAC.	
58	290						SAB	65	"	"	1-2% GOE ON FRAC			TR Py				.006						SAB	
59	295						SAB	40	"	"	3% GOE ON FRAC			TR Py				.008						SAB	
60	300						SAB	40	"	WK	1% GOE ON FRAC			TR Py				.010						SAB	
61	305						SAB	40	"	VRY WK	"			TR Py				.012						SAB	
62	310						MOD TO DK GRY GRN W/ OR YEL	40	"	NIL	"			TR Py				.006						SAB	

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 6 of 7
Drill Hole # RGE-15

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	Ag	Au	Ag	Au	Ag	REMARKS:	
63	315			WET ↓			MOD TO LT GRN GRY W/OR YEL	45	NIL	NIL	1% GOE ON FRAC			1% Py	HB DIO PORPH. CONT.			.076		10'	.054			Py DISSEM - SM. BLEBS UP TO 1mm, ?REPL. HB, ON FRACS. GOE ON FRACS.	HB DIO PORPH CONT.
64	320						MOD TO DK GRN GRY W/ RR TINT + OR YEL	60	"	"	SAB			1-2% Py	320' QTZITE			.032						Py AS ABOVE 320'	320 — 392' DEADWOOD QTZITE
65	325						MOD TO DK YEL OR BR W/ SLT. GRN TINT	20	"	WK	≈4% GOE ON FRAC			1% Py				.024						Py ON FRACS & AS VRY SM. VNLTS	320-325 FN GRND DIRTY QTZITE
66	330						LT. TO MOD GRY W/ OR YEL	35	"	NIL	2% GOE ON FRAC ≈ AFT Py 1% HEM			—				.016						2% GOE ON FRACS ≈ AFT Py	325 - 392' VRY FN GRND REL. CLEAN QTZITE
67	335						SAB	40	"	"	2% HEM ON FRAC 1% GOE ON FRAC ≈ AFT Py			—				.012						2% HEM. ON FRACS. 1% GOE ON FRACS ≈ AFT Py	
68	340						SAB	35	"	"	1% HEM ON FRAC 1% GOE ON FRAC ≈ AFT Py			—				.014						1% HEM ON FRACS 1% GOE ON FRACS AFT Py	
69	345						"	45	"	"	SAB			TR Py				.006						SAB	
70	350						"	25	"	"	SAB			—				.008						SAB	
71	355						"	20	"	"	SAB			TR Py				.006						SAB	
72	360						"	15	"	"	SAB			—				.004						SAB	
73	365						"	30	"	"	SAB			—				.004						SAB	
74	370						"	25	"	"	SAB			—				Nil						SAB	
75	375						"	20	"	"	SAB			—				.002						SAB	

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 7 of 7
Drill Hole # PGE-15

no.	Foot up	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. %	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
76	380			WET ↓			LT TO MOD GRY W/YEL	15	NIL	NIL	1% GOE AFT PY ON FRAC 1% HEM				QTZITE CONT.			.004						1% GOE AFT PY ON FRACS 1% HEM ON FRACS	DEADWOOD QTZITE CONT.
77	385						SAB	20	"	"	1% JAR .5% HEM .5% GOE							Nil						1% JAR ON FRACS .5% GOE AFT PY ON FRACS .5% HEM ON FRACS	
78	390						SAB	30	"	"	2% JAR 1% HEM 1% GOE			TR PY	392			.004						2% JAR ON FRACS 1% GOE AFT PY 1% HEM ON FRACS 392	
79	395						LT GRY TO BLK	40	"	"	TR JAR TR GOE TR HEM	MOD		1% PY	% FE FM			.052						PY AS SM. BLEBS UP TO 2MM + AS VNLTS	392-410 ≈ IRON FORMATION ARND MAGN.
80	400						DK GRY TO BLK	50	"	"	NIL	MOD		1% PY				.018		20'	.028			PY AS ABOVE	LOOKS LIKE A FN TO MED GRNA META-SILTSTONE (MAGNETIC)
81	405						DK GRY TO BLK	70	"	"	"	MOD		.5% PY				.006						PY AS ABOVE	? DISS. MAGNETITE W/ MOD. AMT. OF QTZ VEINING
82	410						DK GRY TO BLK W/ BRN	70	"	"	TR GOE	MOD		TR PY				.036							MN BRN QTZITE

LACANA MINING INC: DRILL LOG DRILL HOLE NO. R6E-16

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

SEC T 4N R 4E CLAIM COORDINATES: (N) (S) 742,760 (E) (W) 1,126,833

CONTRACTOR LANG/Pete HELPER Tom/Jerry SAMPLER RJM/MW LOGGER RJM

TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5513 FT

BEARING — INCLINATION Vert. TOTAL DEPTH 280 HOLE DIAMETER 5 3/4

CASING 7' BOTTOM ELEVATION WATER LEVEL 25'

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 +/2 M Rec.	Clay%	$CaCO_3$ %	FeOx %	Vein Quartz	Silicifi-cation	Sulfide % Pyrite/Pyrrhotite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	SILVER VALLEY OPT Ag	SHMC OPT Au	SHMC OPT Ag ~~Ag~~ Au	Au	Ag	Remarks:	
1	5			Dry		lt ORG BRN		60	10-15	nil	3-5			nil	Soil			.006							0-16' SOIL & ALLUVIUM
																									Comprised of lt to Md ORG-BRN
																									stained clay coating Hornblende
2	10			Dry		Lt ORG BRN		50	5-10	"	3-5			"				.002							Diorite fragments.
3	15			Dry		Lt ORG BRN		60	3-5	"	3-5			"				.004							
															16 DIORITE	DIORITE								16'	16'-24' HORNBLENDE DIORITE
4	20			Dry		Lt ORG BRN		65	3-5	"	2-3			"				.010						FeOx coating chips and along fracs; HORG-BRN	PORPH. "Bleached" and iron-stained
																									fine GRN PGR. w/ 1-4mm feldspar
																									phenos and lt gy replaced(?) hbld laths.
5	25			Dry		Lt ORG BRN		75	3-5	"	2-3			"	24 Shale & Sltst	DEADWOOD		.014						24'	
																FM. (?)									24'-80.5' DEADWOOD FM.
6	30			Wet			Dk GRN GY	75	tr.	1-2	1/2-1			1/2				.022						30-50' $CaCO_3$ as (1-1mm) UPinlets 1' Stringers fracs.	Md-Dk; GRN-GY; IMT Bdd
																								with some thin beds of Calc. shale(?)	Sltst & Shale w/ minor thin
7	35			"			Md GRN GY	70	nil	1/2-1	tr.			1/2				.008						25'-48' Pyrite	lenses or beds (1-3mm) of Calc Shale. Generally "Thin"
																								along bedding planes	bedded (1mm-1cm+) w/ alternating Md GRN-GY & Dk GRN-GY beds.
8	40			"			Dk GRN GY	75	"	tr	tr.			1/2-1				.006						and in fracs. (1-5mm).	FM. GRN. Occasional lt GY-GRN bed.
9	45			"			Md-Dk GRN-GY	75	"	1-2	tr.			1-2				.014							
																								48'-approx. 55' Open	
10	50			"			Md GRN GY HORGBRN	80	"	1-2	1/2-1	✓		1-2			.033	.026		.040	.040			Space fillings of euhedral lt to md	
																					10		.033	purple qtz (amethyst) aggregates and Dk BRN	cubic pseudo morphs of limonite after pyrite.

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 7
Drill Hole # RGE-16

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % Pyrite/pyrrhotite	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 to ORG-BRN	65	nil	nil	2-3	✓		1-2	Shale & Sltst	DEADWOOD FM. (t)	.036	.034		.035	.040			"Amethyst" - open space fillings w/ 1-5mm cubes of Goethite after Pyrite to ~55'	DEADWOOD FM. as before
12	60			"			Md GRN GY	80	"	tr.	1/2			1-2				.008						55'-80.5' Pyrite along bedding and in fracs (.1-3mm) Smaller fracs more common.	
13	65			"			Dk GRN GY	80	"	tr.	nil			1-2				.010							
14	70			"			Dk GY-GRN	80	"	1-2	"			1-2				.004						70-80' $CaCO_3$ as .1-1mm veinlets x cutting bedding w/ & w/o pyrite	
15	75			"			Dk GRN GY	75	"	1-2	"			2-3				.002							
16	80			"			Dk GRN GY	90	"	1-2	"			2-3				.004							
															80.5 DIORITE	DIORITE								80.5 80.5-84 pyrite diss minor veinlets (.1-1mm)	80.5-84' HORNBLENDE DIORITE PORPH. Md GRN-GY; spotted Por. w/ 5-10% md GY hbld(?) laths (1-3mm).
17	85			"			Md GRN GY	70	"	tr.	"			1/2	84' Shale	DEADWOOD FM. (t)		.004						84	84-94.5 DEADWOOD FM. Md-Dk GRN-GY; Intbdd shale & sltst. w/ Minor Dk BRN shale Thin bedded (beds ~1-6mm)
18	90			"			Dk GRN GY	80	"	tr.	"			tr.				.034							
19	95			"			Dk GY GRN	85	"	nil	"			2-3	94.5' DIORITE	DIORITE		.002						94.5 94.5-102' Pyrite diss & in .1-1mm fracs.	94.5-102 HORNBLENDE DIORITE PORPH. Md GY-GRN; FN md GRN; PORPH w/ 1-3mm hbld laths (3-5%) and Plag phenos 2-4mm
20	100			"			Md GY GRN	70	"	1-2	"			1-2				.002						95-110' $CaCO_3$ diss & in veinlets w/ pyrite.	
															102' Shale	DEADWOOD FM. (t)								102'	
21	105			"			Dk GRN GY	80	"	tr	"			1/2				.002						Pyrite along bedding & fracs as before	102-107. DEADWOOD FM. Dk GRN-GY Shale thin bedded (beds ~1-4mm)
															107' DIORITE	DIORITE								107'	
22	110			"			Lt GY GRN	60	"	1-2	"			1/2-1				.004						Pyrite diss & fracs as before.	107'-112' HORNBLENDE DIORITE PORPH.
															112' Shale & Sltst	DEADWOOD FM. (t)								112'	
23	115			"			Dk GRN GY	85	"	tr	"			1/2				.004						112-149 pyrite along bedding & in fracs (.1-1mm)	112-149' DEADWOOD FM. Intbdd; Dk GRN-GY; lt GRN GY & Dk BRN Shale & sltst. w/ minor calc. shale. (Thin bedded 1-5mm).

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 7
Drill Hole # RGE-17

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/Hydrothermite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
24	120			wet			Dk GRN-GY to Dk BRN	85	nil	tr.	nil			1/2	Shale & SHSt.	DEADWOOD FM. (€)		.002							DEADWOOD FM. as before
25	125			"			Md GRN GY	85	"	tr.	"			tr.			NF	Nil							
26	130			"			Dk GRN GY	60	"	1-2	"			1-2				.002						125'-140' $CaCO_3$ as .1-1mm veinlets & thin Calc. Shale beds.	
27	135			"			Dk GRN GY	75	"	1-2	"			1-2				.002							
28	140			"			Dk GRN GY	80	"	1-2	"			1-2				.038							
29	145			"			Md GRN GY	75	"	tr.	"			1/2				.002							
30	150			"			Dk GRN GY	90	"	nil	"			2-3	149 DIORITE	DIORITE		.004						149'	
																								149-154 Pyrite mostly along .1-1mm fracs.	149'-154' HORNBLENDE DIORITE PORPH. lt. GY-GRN; V. FN GRN
31	155			"			Lt-GY GRN	65	"	tr.	"			1-2	154 Shale	DEADWOOD FM (€)		.016						154' some diss.	POR. w/ Dk .1-.5 mm spots (2-5%
																								154-159 Pyrite along fracs & bedding	154-159 DEADWOOD FM. Md GRN-GY & Dk BRN Shale thin bedded to fissle (1/2 mm-2mm)
32	160			"			Md BRN	55	"	nil	"			1-2	159 DIORITE	DIORITE		.004						159' some blebs (up to 4 mm).	159'-169' HORNBLENDE DIORITE
																								159-169 - Pyrite mostly on fracs (.1-1mm)	PORPH. Md GY-GRN; FN GRN POR. w/ hbld(?) replaced? by
33	165			"			Md GY-GRN	80	"	1-2	"			1-2				.006						some diss.	Pyrite & dk gy mineral? + Qtz(?) + $CaCO_3$
																								160-175' $CaCO_3$ diss &	
34	170			"			Dk GY-GRN	45	"	1-2	"			1-2	169 Shale	DEADWOOD FM (€)		.046						in .1-1mm veinlets w/ pyrite	169' 169'-200' DEADWOOD FM.
																									169'-193' Dk BRN fissle
35	175			"			Md BRN	55	"	1/2	"			tr.				.012							to Thin Bedded (1/2-2mm beds) shale
																									193'-200' Intebdd Dk GRN-GY & Dk BRN Shale
36	180			"			Dk BRN	75	"	nil	"			nil				.004							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 7
Drill Hole # KGE-16

no.	Foot up	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clay³	$CaCO_3$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:	
37	185			wet			Dk BRN	70	nil	nil	nil			nil	Shale	DEADWOOD FM (€)	NF	Nil							DEADWOOD FM. as before
38	190			"			Dk BRN	55	"	nil	"			nil				.002						Pyrite 190-200 along bedding & fracs (1-1mm) some blebs of cubic pyrite up to 3-4 mm x stals.	
39	195			"			Dk GRN-GY & BRN	80	"	½-1	"			1-2				.004						190'-210' (calcite mostly in veinlets (.1-1mm) w/or w/o pyrite and diss w/ pyrite in Diorite.	
40	200			"			Dk GRN GY	90	"	½-1	"			3-5	200' DIORITE	DIORITE		.018						200' 200-209 Pyrite diss and in .1-1mm fracs.	200' - 209 HORNBLENDE DIORITE PORPH. Lt GY-GRN Spotted FN GRN PORPH w/ dk GY spots (.1-1mm) of hbl(?) and 1-4 mm phenos of clay altered feldspar + chlorite? (lt grn core in feldspar).
41	205			"			Lt GY-GRN	50	"	½-2	"			2-3				.040		30	.035				
42	210			"			Lt GY-GRN	35	"	1-2	"			2-3	209 Shale + Slst FN Ss.	DEADWOOD FM. €	.022	.024		.020	.020		(.022)	209' 209-231' pyrite along bedding & in fracs (.1-2mm)	209' - 238' DEADWOOD FM. Lt GRN-GY, Dk BRN, & Dk GY Shale, int bedd GY, Dk GY slst & Ss. (Fine GRN) Mostly Dk GY slst & SS 220-231.
43	215			"			Md GRN GY	65	"	tr	"			3-5			.088	.032		.130	.120 .070	.107	(.070)	Some blebs up to 3mm.	
44	220			"			Md GRN GY	70	"	nil	"			2-3			.026	.020		.030	.030		(.025)	215-231' ≈ 1-3% magnetite & minor pyrrhotite.	
45	225			"			Dk GRN GY	70	"	nil	"			2-3			.029	.016		.035	.035		(.026)		
46	230			"			Dk GRN-GY	85	"	tr.	"			1-2			.031	.022		.035	.035		(.029)	231'-238' Pyrite in .1-1mm fracs some blebs up to 3mm	231' - 238' Lt GY to Lt GRN FN to Md GRN Qtzite (massive)
47	235			"			Lt GY	55	"	nil	"			1-2	231 Lt GY Qtzite		.022	.016		.025	.025				
48	240			"			Md GY to Lt BRN	65	"	"	"			2-3	238 DIORITE	DIORITE		.010						238' 238-244 pyrite diss & in .1-1mm fracs.	238'-244' HORNBLENDE DIORITE PORPH. Md GY-GRN Spotted; U.FN GRN Por. w/ .1-1mm dk GY spots of mafics(?).
49	245			"			Md GY-BRN	85	"	"	"			1-2	lt-Md BRN Qtzite.	DEADWOOD FM. €		.008						244' 244-252 Pyrite as .1-1mm frac fillings.	244-252' DEADWOOD FM. lt-Md BRN, FNG GRN SS, thin to md bedded (1mm-10mm+).

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 7
Drill Hole # RGE-16

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +12 M	Clay%	$CaCO_3$%	FeOx%	Vein Quartz	Silicification	Sulfide % pyrite/pyrite	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
50	250			Wet			Lt-md BRN	80	nil	nil	nil			2-3	FN SS (Quartzite)	DEADWOOD FM (C)		.008							DEADWOOD FM. as before.
															252'									252'	
51	255			"			Lt GY-GRN	45	"	"	"			2-3	DIORITE	DIORITE		.016						252-279 pyrite	252'-279' HORNBLENDE DIORITE PORPH. lt. GY-GRN FN GRN
																								diss & along fracs (.1-8mm)	spotted PORPH. w/ DK GRN to DK GY .1-3mm
52	260			"			Lt GY-GRN	65	"	"	"			2-3				.006						occurs as small <.5mm cubes.	spots to laths of chlorite? lefte hbld.+ ? 5% 1-3mm
																									feldspar
53	265			"			Lt GY-GRN	60	"	"	"			1-2				.008							
54	270			"			Lt GY-GRN	70	"	"	"			1/2-1				.004							
55	275			"			Lt GY-GRN	75	"	"	"			2-3				.012							
56	280			"			Lt GY-GRN	60	"	"	"			2-3	279' Quartzite	DEADWOOD FM (C)		.038						279'	279'-338' DEADWOOD FM.
																				10'		.040		279-290' Pyrite	
57	285			"			Md GY-GRN	80	"	"	"			2-3				.042						along fracs (.1-.5mm)	279'-290' lt to md BRN FN GRN Quartzite
58	290			"			Md BRN	80	"	"	"			2-3				.018						290'-300' minor pyrite w/ ORG-BRN FeOx in .1-2mm fracs.	
59	295			"			Md BRN	45	"	"	1-2			tr.-1/2				.012							
60	300			"			Lt GY-ORG-GY	50	"	"	1/2			tr				.008						300'-338' Pyrite	290'-332' lt GY FN to CRSE GRN Quartzite w/ sutured to difficult to see grain boundaries.
																								along .1-.5mm	
61	305			"			Lt GY	45	"	"	tr.			tr				.004						fracs.	
62	310			"			Lt GY	40	"	"	"			tr.				.002							

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 6 of 7
Drill Hole # RGE-16

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec.	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:
63	315			dry			Lt GY	30	nil	nil	tr.			tr	Quartzite	DEADWOOD FM. (?)		.006						DEADWOOD FM. Quartzite - as before
64	320			"			Lt GY	60	"	"	"			tr.				.004						
65	325			"			Lt GY	55	"	"	"			tr.				.002						332'-338' lt GY to lt to Md BRN; FN to Md GRN Quartzite.
66	330			"			Lt GY	55	"	"	"			tr.				.004						
67	335			"			Md BRN	55	"	"	nil			1/2-1				.074						
68	340			"			Dk BRN	70	"	"	"			1/2	Schist & chert.	PRECAMBRIAN		.022		20'	.034			338 338-380' PRECAMBRIAN METAMORPHIC ROCKS
69	345			"			Lt GY	60	"	"	"			tr.				.008						338'-340' Lt to Md BRN FN to Md GRN, Lt GY (Sericitized) mica schist
70	350			"			Md GY	65	"	"	"			tr.				.030						340-355 Lt GY chert and lt GY to lt BRN sericitized mica schist.
71	355			"			Lt to Md GY-BRN	70	"	"	"			nil				.020						355-380' Dk BRN, Qtz Biotite schist (FN.-Md GRN) well foliated.
72	360			"			Dk BRN	75	"	"	"			"				.006						
73	365			"			Dk BRN	80	"	"	"			"				.018						
74	370			"			Dk BRN	70	"	"	"			"				.012						
75	375			"			Dk BRN	55	"	"	"			"				.026						

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 7 of 7
Drill Hole # RGE-16

no.	Foot type	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed Rec. +1/2 M	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide % (pyrite, [illegible])	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:
76	280			wet		~~[illegible]~~	DKBRN	40	nil	nil	nil			nil	Qtz. Biotite Schist	Preet.		.004						PRECAMBRIAN Metamorphics - as before

LACANA MINING INC: DRILL LOG DRILL HOLE NO. R6E-18
PROPERTY GILT EDGE STATE S.D. CO. LAWRENCE QUAD DEADWOOD SOUTH
SEC T 4N R 4E CLAIM COORDINATES: (N) (S) 746,973 (E) (W) 1,126,519
CONTRACTOR LANG HELPER JERRY SAMPLER RM/MSW LOGGER MSW
TYPE DRILLING REV. CIRC. TYPE DRILL TRACK MOUNTED COLLAR ELEVATION 5481
BEARING INCLINATION TOTAL DEPTH 300 FT. HOLE DIAMETER
CASING 7' OF 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.	Clay %	$CaCO_3$ %	FeOx %	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	SILVER VALLEY OPT Au	Ag	Au	Ag	Au	Ag	Remarks:	
																									0-2' SURFACE FILL
1	5			DRY		LT. TO MOD TAN	YEL-OR BR	50	50	VRY WK	ABUND. SURF. OXID. GOE + JAR				HB DIO PORPH			.006						HIGHLY WEATHERED HB DIORITE	2-≈10' HB DIO PORPH.
																								ABUND GOE ? AFT PY	
2	10	POOR		"		LT. TAN	LT. TO MOD YEL-OR BR W/ MIN GRY	60	1	VRY WK	SAB				10'			.004						TR MAGN. 10'	
															SHALE, SILTSTONE,									10-28' MIX OF SH,	10-28' DEADWOOD
3	15	POOR		DAMP		DK TO MOD OR. BR	DK TO MOD YEL OR BR W/ MIN LT TO MOD. GRY GRN	45	<1	NIL	ABUND GOE ON FRAC				& QTZITE			.004						TR MAGN SILTST & CSE GRND QTZITE	SHALE, SILTSTONE + QTZITE
																								HIGHLY OX. SURF WEATHERING	VRY POOR SAMPLES 10-28' ABUND
4	20	POOR		"		MOD. TO DK. OR. BR W/ MIN GRY	SAB	75	<1	"	ABUND GOE ON FRAC							.002						TR MAGN	CONTAM TO TO CAVING
															? HB DIO SILL										20-25' 10% HB DIO FRAGS ? CONTAM.
5	25			"		MOD. OR + YEL. BR	SAB	75	<1	"	"			TR PY				.010						TR MAGN	
6	30			DRY		MOD. BR W/ GRY TINT	DK TO MOD GRN GRY W/ MIN YEL-OR BR	65	TR	"	MIN GOE ON FRAC			TR PY	28' SHALE + SILTST TO W/ MIN SS			.004						28' LIMIT OF SURF OXID. TR MAGN	28-81' DEADWOOD SHALE
																									+ SILTSTONE W/ CALCAREOUS SS
7	35			"		LT. GRY	MOD TO LT GRY GRN	50	NIL	WK TO MOD	TR GOE ON FRAC			TR PY				.008						TR MAGN	INTERBEDS
																									LOCALLY BLEACHED & SILICIFIED
8	40			"		LT. GRY	"	55	"	MOD	"			TR PY				.002							
9	45			"		LT. TO MOD GRY W/ SLT. GRN TINT	"	45	"	"	NIL			TR PY				.002						TR MAGN	
10	50			"		SAB	"	50	"	"	TR GOE ON FRAC			TR PY				.004						TR MAGN	

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 2 of 5
Drill Hole # RGE-18

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	Ag	Au	Ag	Au	Ag	REMARKS:	
11	55			DRY		MOD. GRY W/ SLT. GRN TINT	MOD. GRY GRN	50	NIL	MOD	TR GOE ON FRAC			1/2% Py TR PYR	SHALE, SILTST. & SS CONT.			.006						TR MAGN ≈ 1/2% DISSEM	DEADWOOD FM CONT
12	60			"		MOD GRY W/ GRN TINT	"	65	"	"	NIL			1% Py				.008						Py MNLY AS BLEBS ON FRACS W/ MIN CUBES TR MAGN 60-65' MOD. BLEACHED & SILICIF.	60-81' PREDOM. SHALE
13	65			"		MOD. GRY	MOD. TO LT. GRN GRY	75	"	"	"		MOD TO STR	TR Py				.056							
															?HB DIO										65-70' MIN. HB DIO FRAGS ? SMALL SILL
14	70			WET			"	60	"	MOD TO STR	TR GOE ON FRAC		MOD. TO STR	1/2% Py				.004						MOD. TO STR BLEACHING & SILICIF. TR MAGN Py ON FRACS AS BLEBS	
				"											?HB DIO										70-75' MIN HB DIO FRAGS ? SMALL SILL
15	75			"			MOD TO LT. GRN GRY W/ MIN CHOC. BR	80	"	MOD TO STR	NIL		STR	TR Py				.002						MOD BLEACHING W/ STR SILICIF. TR MAGN	
16	80			"			"	75	"	MOD	"		MOD TO STR	TR Py				NIL						MOD BLEACHING W/ MOD. TO STR SILICIF.	
															81' HB DIO PORPH.									81'	81-96' HB DIO PORPH
17	85			"			MOD TO LT. GRY GRN	50	"	"	"			1% Py				.002						Py IS DISSEM TR MAGN	
18	90			"			"	35	"	"	"			1/2% Py				.002							
															≈92' CALC. SS										≈92' CALC. SS ? XENO
19	95			"			LT. TO MOD GRY GRN W/ YEL OR STAIN	35	"	"	MIN GOE ON FRAC MIN GOE AFT Py.			1% Py				.002						Py DISSEM - ON FRACS & REPL. HB TR MAGN	90-95' MIN FE OX MNLY ON HB DIO FRAGS
															96' HB DIO									96' SHALES ARE BLEACHED & SILICIF.	96-102' MIX OF HB DIO & SHALE
20	100			"			LT. TO MOD GRY GRN	60	"	MOD TO STR	TR GOE ON FRAC		STR	1/2% Py	PORPH + SHALE			.004						MIN. EPIDOTE ON SH. TR MAGN	
															102' SHALE									102	102-113'
21	105			"			LT. GRY GRN + CHOC. BR	65	"	MOD	TR GOE ON FRAC TR GOE AFT Py		MOD. TO STR	1/2% Py				.006						102-113' LOCALLY BLEACHED W/ MOD TO STR. SILICIF.	DEADWOOD SHALE
																								102-113' MIN EPIDOTE	? HORNFELSED
22	110			"			SAB	70	"	MOD	TR GOE ON FRAC		MOD. TO STR.	TR Py				.006							
23	115			"			LT. TO MOD GRY GRN	70	"	MOD TO STR	"			1/2% Py	113' HB DIO PORPH			.004						113'	113-117' HB DIO PORPH

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 3 of 5
Drill Hole # R6E-18

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed % Rec.	Clays	$CaCO_3$	FeOx	Vein Quartz	Silicification	Sulfide	Rock Type	Geology	Assayed	Silver Valley OPT Au	Ag	Au	Ag	Au	Ag	REMARKS:	
24	120			WET			LT. TO MOD GRY GRN 1-2% MIN CHOC. BR	60	NIL	MOD	NIL		STR	TR Py	SHALE			.002						117-134' BLEACHED & STR SILICIF.	117-134' DEADWOOD SHALE LOCALLY SILTY
25	125						LT. TO MOD GRY GRN	70	"	MOD	"		STR	1% Py				.004						Py AS BLEBS ON FRACS.	
26	130						"	60	"	WK TO MOD	"		STR	TR Py				.002							
27	135						MOD TO LT GRN GRY	60	"	MOD	"		STR	1% Py	134' HB DIO PORPH			.002						134' Py IS DISSEM - CUBES ON FRACS. VNLTS & ? REPL. HB	134-139' HB DIO PORPH
28	140						"	45	"	"	"			1-2% Py	139' SHALE & SILTST			.004						139' MOD CACO3 VEININGS	139-170' DEADWOOD SHALE & SILTST
29	145						MOD GRN GRY + CHOC. BR	60	"	WK TO MOD	"		MOD. TO STR	1/2% Py TR PyR				.004						LOCALLY BLEACHED & SILICIF. MOD CACO3 VEININGS ? TR MAGN	
30	150						DK CHOC BR W/ MIN MOD GRN	60	"	"	"			TR Py				NIL						MOD CACO3 VEININGS	
31	155						MOD TO DK GRY GRN + CHOC. BR	45	"	"	"			1% Py TR PyR				.002						Py AS CUBES & BLEBS ON FRACS MOD CACO3 VEININGS TR MAGN	CALC. SILTST. INTERBED 150-155 155-170' CHOC. BR
32	160						CHOC. BR	65	"	WK	"			TR Py				NIL						MOD CACO3 VEININGS	SHALE ? HORNFELSED
33	165						"	70	"	VRY WK	"			TR Py				.004							
34	170						"	65	"	WK	"			TR Py				.012						MOD CACO3 VEININGS	
35	175						CHOC. BR + LT - MOD GRY GRN	50	"	WK TO MOD	"		MOD TO STR	TR PyR	176' HB DIO PORPH			NIL						LOCALLY BLEACHED & SILICIF. MOD CACO3 VEININGS ? TR MAGN 176'	176-193' HB DIO PORPH.
36	180						MOD. GRN GRY	60	"	MOD	TRACE OF PYR			1/2% Py				.004						Py IS DISSEM VRY SM. CUBES TR MAGN.	? PROP. ALT. NO FRSH HB

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 4 of 5
Drill Hole # RGE-18

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:	
37	185			WET			MOD. GRN GRY	40	NIL	MOD TO STR	TR GOE ON FRAC			1/8% Py	HB DIO PORPH CONT			.002						185-190' MIN BR SH FRAGS ? CONTAM.	HB DIO PORPH CONT.
38	190			↓			"	60	"	MOD TO STR	NIL			1/8% Py				NIL						TR MAGN	
39	195						"	40	"	MOD TO STR	TR GOE ON FRAC			1-2% Py	193' HB DIO PORPH + SHALE	CO_3		.004						193 Py CUBES + BLEBS ON FRACS, MIN $CaCO_3$ VEINING UP TO 1% Py AS ABOVE & DISSEM	193-198 HB DIO PORPH + DEADWOOD SHALE MIX
40	200						MOD. GRY GRN	50	"	MOD TO STR	TR GOE ON FRAC			1-2% Py	198' HB DIO PORPH	CO_3		.004						198 1% $CaCO_3$ VEINING 198-214' Py IS DISSEM.	198-214' HB DIO PORPH. ? PROP. ALT.
41	205						MOD TO LT GRN GRY	65	"	"	NIL			1-2% Py				.008						CUBES + BLEBS ON FRACS, VNLTS FILLING FRACS. TR MAGN + ? REPL. HB	NO FRSH HB
42	210						"	45	"	"	"			1-2% Py				.006						TR MAGN	
43	215						"	45	"	"	"			1-2% Py	214' SHALE + SILTST.		.005	.004		.005	(.005)			214' MIN MAGN UP TO 1%	214-236' DEADWOOD SHALE & SILTSTONE
44	220						MOD TO DK GRY GRN W/ MIN MOD. CHOC BR	55	"	"	"			TR Py			.016	.008		.02	(.02)			1-2% DISSEM. MAGN. 220-232' SULFIDE HIGH Py & PYR IS DISSEM.	214-220' SH. PREDOM.
45	225						DK GRY GRN	55	"	"	"			?3% Py 2-3% PyR			.033	.006		.030	(.030)			MNLY FRAC CONT. 1-2% DISSEM MAGN PYR DISSEM	220-232' CALC. SILTST. PREDOM.
46	230						"	50	"	MOD	"			?3% Py 3-5% PyR			.011	.004		.015	(.015)			PYR IS DISSEM. ?% MAGN.	232-236' SH. PREDOM
47	235						DK TO MOD GRY GRN	65	"	MOD TO STR	"			1% Py TR PyR	236' QTZITE		.011	.004		.015	(.015)			UP TO 1% MAGN 236' Py IS DISSEM - MAJORITY IS BLEBS ON FRACS	236-287 DEADWOOD QTZITE
48	240						LT. GRY TO DK GRY GRN	60	"	MOD	"			7-10% Py ?TR PyR			.006	.014		.005	(TR)			TR MAGN	236-238' FAIRLY CLEAN
49	245						MOD TO DK GRN GRY	55	"	WK	"			3-5% Py ?TR PyR			.005	.010		.005	(TR)			Py DISSEM, ON FRACS, & AS VNLTS TR MAGN	238-245 FAIRLY CLEAN W/ GRN TINT

LACANA MINING INC: PROPERTY GILT EDGE

Sheet 5 of 5
Drill Hole # A6E-16

no.	Footage	Drill Rec.	Walls	Wetness	Min.	Color Dry	Color Washed	Washed % Rec.	Clays	$CaCO_3$	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			WET			MOD TO LT BR GRN GRY	50	NIL	VRY WK	NIL			2% Py	QTZITE CONT.		.027	.076		.005	(TR)	(.039)		Py is Dissem. * TR FLUORITE AT 246'	QTZITE CONT.
				↓																				IN? APLITE DIKE ≈ 1/4" THICK	245-255 DIRTY QTZITE.
51	255						MOD GRN GRY	60	"	"	"			2% Py				.008						Py is Dissem TR MAGN	
																									255-262 VRY DIRTY QTZITE
52	260						DK GRY	50	"	WK	"			3% Py TR Pyr				.006						Py is Dissem TR MAGN	
53	265						MOD TO LT BR-GRN GRY	45	"	WK TO MOD	"			1% Py TR Pyr				.004						TR MAGN	262-270 FAIRLY CLEAN
54	270						LT. TO MOD GRY W/GRN TINT & YEL. STAIN	45	"	WK TO MOD	MN GOE ON FRAC TR GOE AFT Py			1/2% Py				.002						MN GOE ON FRACS & ? AFT Py	
																									270-285 FAIRLY CLEAN W/GREEN TINT
55	275						LT. TO MOD GRN GRY	40	"	MOD	TR GOE ON FRAC TR GOE AFT Py			2% Py		CO_3		.004						MIN $CACO_3$ VEINING	
56	280						MOD GRY W/SLT GRN TINT	20	"	WK TO MOD	TR GOE ON FRAC			1% Py		CO_3		.020						MIN $CACO_3$ VEINING TR MAGN	
57	285						MOD TO DK GRY W/ GRN TINT	20	"	"	TR GOE & ? HEM ON FRAC			1/2% Py				.014						TR MAGN	285-287' CLEAN QTZITE
															287									287'	287-
58	290						LT. GRY TO BLACK	25	"	"	TR GOE ON FRAC			1/2% Py ? TR Pyr	≈ IRON FORMATION	Fe		.004						1-2% DISSEM MAGN	≈ IRON FORMATION
																									ABUND. MAGN
59	295						VRY DK GRY TO BLACK	55	"	WK	NIL			1% Py		Fe		.002						Py PRMRLY AS SM. BLEBS ON FRACS ABUND DISSEM MAGN	DISSEM.
60	300						"	50	"	WK	NIL			1/2-1% Py		Fe		.004						ABUND DISSEM MAGN	