Contractor Douglas Exploration **Coordinates** N 44288.12 E 27014.14 **Project** SE Langley Oxide Expl. **Hole No.** R91-834

Drill Type I.V.I Buggy **Casing Depth** _____ **State** SD **Sheet** 1 **of** 2

Hole Size 4 1/2" **Bearing** — **Inclination** -90° **Date Started** 11-23-91 **Property** Gilt Edge

Collar Elev. 5567.00 **Final Depth** 200' **Date Completed** 11-23-91 **Hole Surveyed** No

Distance (feet)	Graphic Logs: Alteration (1 Weak, 2 Moderate, 3 Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	% Sulfides	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay Au	Assay Ag
			1	W	0-5	Oxide	Fill	0-5 Fill, colluvium w/ Ttp & Tptx	0-40 Oxide (No visible			
			60				Ttp	5-130 Trachyte Porphyry, mod.	sulfides)			
								orange + brown & maroon "peppered				
								w/ dark brown. FeOx after cubic				
					20-25			pyrite.				
								(85-95) st. maroon & dark orange-				
								brown FeOx				
						↓						
				2		.1%			40-95 Mix, mostly strong			
					45-50				FeOx w/ tr. cubic, dissm.			
									pyrite to 75'.			
					70-75	↓						
						2%			(75-95) mostly sulfide, ~2%			
									fg. & mg. cubic pyrite			
									w/ mod + weak FeOx,			
									mostly on fracts			
				2	95-100	↓			95-105 Sulfide ~2% pyrite			
				1		4.5%			unless otherwise noted.			
				2		1.5%			(100-105) 4-5%, fg. & mg.			
				2		1.5%			dissm. pyrite.			
						2%			105-110 Mix ~1-2% pyrite,			
					120-125				mod. maroon FeOx.			
									110-170 Sulfide ~2%			
				10			PE	130-140 PE Qtz. Mica Schist	pyrite, weak - mod. clay			
				10			PE	xenolith w/ 2-3% milky chert @	alt?			
				60			Ttp	(135-140) st-mod. "bleaching" of schist.				
					145-150			140-165 Trachyte Porphyry				
								As above. tr-1% PE schist frags				
								throughout.				
				10		↓	PE	165-170 PE Schist as in (130-140)				
				60	2 170-175	1.5%	Ttp	170-200 Trachyte Porph as in (140-165)	170-180 Mix. 1-2% pyrite.			

PY est. by MRE 10-31-96

DRILL CUTTING LOG

Logged by: Jeffrey Hoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R91-834

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	% sulphides	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	2	175-180	1.5%	TYP	Trachyte porph. con't	mod. orange-brown FeOx		
			↓	1		2.5%	↓		180-200 Sulfide, 2-3%		
									fig. dissm. cubic pyrite		
			↓		195-200	↓	↓	Hole TD @ 200'			
					220-225						
					245-250						
					270-275						
					295-300						
					320-325						
					345-350						

DRILL CUTTING LOG

Logged by:

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

834

Geochemical Lab Report

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

BROHM MINING CORPORATION
MR. ROD MACLEOD
PO BOX 485
DEADWOOD, SOUTH DAKOTA
57732

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-12520L.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: SYMONDS
DATE PRINTED: 19-DEC-91

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	132	0.002 OPT		Fire Assay
2	Au DUP Gold Duplicate	12	0.002 OPT		Fire Assay
3	AU Dup Gold Duplicate	16	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	132	4 AS REC'D	132	AS RECEIVED, NO SP	132

REPORT COPIES TO: MR. ROD MACLEOD

INVOICE TO: MR. ROD MACLEOD

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

DATE PRINTED: 19-DEC-91

REPORT: R91-12520.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT
P4 R91-833 0-5		0.005	0.006		P4 R91-833 200-205		0.004		
P4 R91-833 5-10		0.004			P4 R91-833 205-210		0.010		
P4 R91-833 10-15		0.003			P4 R91-833 210-215		0.022		
P4 R91-833 15-20		0.015			P4 R91-833 215-220		0.003		
P4 R91-833 20-25		0.004			P4 R91-833 220-225		0.508	0.461	0.478 $\bar{x}$ .482
P4 R91-833 25-30		0.003			P4 R91-833 225-230		0.022		
P4 R91-833 30-35		0.002			P4 R91-833 230-235		0.006		
P4 R91-833 35-40		<0.002			P4 R91-833 235-240		<0.002		
P4 R91-833 40-45		0.002			P4 R91-833 240-245		0.022		
P4 R91-833 45-50		<0.002			P4 R91-833 245-250		0.002		
P4 R91-833 50-55		0.002	<0.002		P4 R91-833 250-255		0.012		
P4 R91-833 55-60		0.007			P4 R91-833 255-260		0.048		0.048
P4 R91-833 60-65		<0.002			P4 R91-833 260-265		0.005		
P4 R91-833 65-70		0.002			P4 R91-833 265-270		0.005		
P4 R91-833 70-75		0.004			P4 R91-833 270-275		0.017	0.012	$\bar{x}$ = .014
P4 R91-833 75-80		0.004		<0.002	P4 R91-833 275-280		0.393		0.406 $\bar{x}$ = .400
P4 R91-833 80-85		0.005		0.006	P4 R91-833 280-285		0.006		
P4 R91-833 85-90		0.019		0.019	P4 R91-833 285-290		0.002		
P4 R91-833 90-95		0.014			P4 R91-833 290-295		<0.002		
P4 R91-833 95-100		0.003			P4 R91-833 295-300		0.002		
P4 R91-833 100-105		0.008			P4 R91-834 0-5		0.009		
P4 R91-833 105-110		0.071		0.080 $\bar{x}$ = .076	P4 R91-834 5-10		0.009		
P4 R91-833 110-115		0.083	0.083	0.084 $\bar{x}$ = .083	P4 R91-834 10-15		0.007		
P4 R91-833 115-120		0.038			P4 R91-834 15-20		0.011		
P4 R91-833 120-125		0.026			P4 R91-834 20-25		0.025		
P4 R91-833 125-130		0.046			P4 R91-834 25-30		0.028		
P4 R91-833 130-135		0.042			P4 R91-834 30-35		0.033	0.029	$\bar{x}$ = .031
P4 R91-833 135-140		0.022			P4 R91-834 35-40		0.009		
P4 R91-833 140-145		0.089		0.096 $\bar{x}$ = .092	P4 R91-834 40-45		0.012		
P4 R91-833 145-150		0.033			P4 R91-834 45-50		0.013		
P4 R91-833 150-155		0.013			P4 R91-834 50-55		0.030		
P4 R91-833 155-160		<0.002			P4 R91-834 55-60		0.026		
P4 R91-833 160-165		0.006	0.006		P4 R91-834 60-65		0.014		
P4 R91-833 165-170		0.002			P4 R91-834 65-70		0.016		
P4 R91-833 170-175		0.003			P4 R91-834 70-75		0.011		
P4 R91-833 175-180		0.002			P4 R91-834 75-80		0.008		
P4 R91-833 180-185		0.007			P4 R91-834 80-85		0.011	0.015	$\bar{x}$ = .013
P4 R91-833 185-190		0.002			P4 R91-834 85-90		0.034		
P4 R91-833 190-195		<0.002			P4 R91-834 90-95		0.038		0.035 $\bar{x}$ = .036
P4 R91-833 195-200		0.005			P4 R91-834 95-100		0.022		

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 19-DEC-91

REPORT: R91-12520.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT
P4 R91-834 100-105		0.016			P4 R91-835 100-105		0.010	0.011	$\bar{x}$ = .010
P4 R91-834 105-110		0.027			P4 R91-835 105-110		0.011		
P4 R91-834 110-115		0.012			P4 R91-835 110-115		0.008		
P4 R91-834 115-120		0.018			P4 R91-835 115-120		0.005		
P4 R91-834 120-125		0.032		0.035 $\bar{x}$ = .034	P4 R91-835 120-125		0.012		
P4 R91-834 125-130		0.025		0.021 $\bar{x}$ = .023	P4 R91-835 125-130		0.008		
P4 R91-834 130-135		0.008			P4 R91-835 130-135		0.010		
P4 R91-834 135-140		0.010			P4 R91-835 135-140		0.002		
P4 R91-834 140-145		0.036	0.040	0.037 $\bar{x}$ = .038	P4 R91-835 140-145		0.004		
P4 R91-834 145-150		0.009			P4 R91-835 145-150		0.003		
P4 R91-834 150-155		0.011			P4 R91-835 150-155		0.011		
P4 R91-834 155-160		0.005		0.004 $\bar{x}$ = .004	P4 R91-835 155-160		0.011		
P4 R91-834 160-165		0.031							
P4 R91-834 165-170		0.007							
P4 R91-834 170-175		0.010							
P4 R91-834 175-180		0.013							
P4 R91-834 180-185		0.056							
P4 R91-834 185-190		0.015		0.014 $\bar{x}$ = .014					
P4 R91-834 190-195		0.008	0.007	$\bar{x}$ = .008					
P4 R91-834 195-200		0.011							
P4 R91-835 0-5		0.007							
P4 R91-835 5-10		0.002							
P4 R91-835 10-15		0.012							
P4 R91-835 15-20		0.006							
P4 R91-835 20-25		0.005							
P4 R91-835 25-30		0.017							
P4 R91-835 30-35		0.013							
P4 R91-835 35-40		0.009							
P4 R91-835 40-45		0.006							
P4 R91-835 45-50		0.011							
P4 R91-835 50-55		0.015	0.012	$\bar{x}$ = .014					
P4 R91-835 55-60		0.005							
P4 R91-835 60-65		0.013							
P4 R91-835 65-70		0.030							
P4 R91-835 70-75		0.026		0.025 $\bar{x}$ = .026					
P4 R91-835 75-80		0.024							
P4 R91-835 80-85		0.014							
P4 R91-835 85-90		0.015							
P4 R91-835 90-95		0.008							
P4 R91-835 95-100		0.016							

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

DATE PRINTED: 19-DEC-91

REPORT: R91-12520.4 (COMPLETE)

PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT	STANDARD NAME	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT
AU ASSAY STD		0.015	-	-					
AU ASSAY STD		0.014	-	-					
AU ASSAY STD		0.016	-	-					
Number of Analyses		3	-	-					
Mean Value		0.0150	-	-					
Standard Deviation		0.0001000	-	-					
Accepted Value		0.015	-	-					
ANALYTICAL BLANK		<0.002	-	-					
ANALYTICAL BLANK		<0.002	-	-					
ANALYTICAL BLANK		<0.002	-	-					
Number of Analyses		3	-	-					
Mean Value		0.0010	-	-					
Standard Deviation		0.000000	-	-					
Accepted Value		0.002	-	-					
AU ASSAY STD		0.146	-	-					
Number of Analyses		1	-	-					
Mean Value		0.1460	-	-					
Standard Deviation		-	-	-					
Accepted Value		0.150	-	-					

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 19-DEC-91

REPORT: R91-12520.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au DUP OPT	AU Dup OPT
R91-833 0-5		0.005	0.006						
Duplicate		0.006							
R91-833 50-55		0.002	<0.002						
Duplicate		<0.002							
R91-833 110-115		0.083	0.083	0.084					
Duplicate		0.083							
R91-833 160-165		0.006	0.006						
Duplicate		0.006							
R91-833 220-225		0.508	0.461	0.478					
Duplicate		0.461							
R91-833 270-275		0.007	0.012						
Duplicate		0.012							
R91-834 30-35		0.033	0.029						
Duplicate		0.029							
R91-834 80-85		0.011	0.015						
Duplicate		0.015							
R91-834 140-145		0.036	0.040	0.037					
Duplicate		0.040							
R91-834 190-195		0.008	0.007						
Duplicate		0.007							
R91-835 50-55		0.015	0.012						
Duplicate		0.012							
R91-835 100-105		0.010	0.011						
Duplicate		0.011							