Contractor: Douglas Expl.
Drill Type: I.D.I Buggy (RVC)
Hole Size: 4½
Collar Elev.: 5524.73'

Coordinates: 44398.65N 27173.17E
Casing Depth:
Bearing: due W. Inclination: -47°
Final Depth: 230'

Project: SE (Anglery Oxide Expl.
State: SD
Date Started: 8-27-91 1:30pm
Date Completed: 8-28-91 9:15 AM

Hole No.: R91-773 (L-14)
Sheet 1 of 2
Property: Gilt Edge
Hole Surveyed: NO

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Distance Down Hole (feet)	Elevation	Rock Type	Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization (Distribution, Type, Massive, Disseminated, Veinlets, Replacement)	CN/AA Bmb Assay Au	Fire Assay Au	Duplicates (Rejects)
			60	3	0-5	0%	Ttp	0-60 Trachyte Porphyry. m.g., orange-brown to tan (Ttp2-4)	0-40 Oxide (no visible sulfides)	.010		0-5
								(0-20) mod. maroon FeOx	pervasive light to med. Red brn + org brn FeOx	.013		
									staining 95-100% of chips. (0-20)	.004		
					20-25				(20-30) light to dk org brn FeOx perv. in	.003		
					30				10-20% of chips + in diss. coats.	.003		20-25
					35				(30-40) med to dk Red brn + org Brn FeOx	.002		
				3	40			(30-35) Fract. zone. mod. maroon	perv. 95-95% of chips	.007		
				2	45	1%		FeOx.		.008		
				2	45-50	2%				.003		
				3	55	0			40-50 Mix ½-2% FeS2 w/	.003		45-50
				3	60	0			45-50 ~ 2% Pyrite	.007	.010	
			30	2	65	1.5	Edh		50-60 Oxide	.012	.014	
					70					.018	.034	.042
					70-75			(60-87 Eamb. Deadwood Formation)	(60-90 Mix ~ 1-2% m.g. -	.006	.016	
								St. red-brown FeOx probably strongly	c.g. pyrite. locally >2% @	.002		70-75
			30					brecciated. Locally strong pyrite	1° interval. Overall ~ 2%	.004		.007
			60	2			Ttp 4	intervals probably in vnlets & bedding	St. brown FeOx.	.007		
			60	3		0		(75-85) Fract zone	(75-85) Very st. FeOx - Deep	.006		BC
			40	2	95-100	1%	Edq	87-95 TRACHYTE POR. (Ttp4)	Red ORG BRN FeOx w/ ½-1% FeS2 in association	.013	.016	BC
			40	2		1%		95-105 DEADWOOD FORMATION QUARTZITE	90-95 OXIDE light to med org brn FeOx perv.	.008	.200	95-100
			60	1		2%	Ttp2-3	105-115 TRACHYTE PORPHYRY	95-105 MIX	.216	.540	BC
			60	1		2%	"	Ttp2-3 lt gry to gry grn med to stg clay	105-115 - SULPHIDE	.004	.025	
			40	2	120	1%	Edq	115-120 DEADWOOD FORMATION QUARTZITE	115-120 MIX	.004	.011	
			60	1	120-125	3%	Ttp2-3	120-150 TRACHYTE PORPHYRY		.024	.033	BC
				1		3%	Ttp2	light to med gry-grn med grained por. mod	120-130 SULPHIDE Tr FeOx	.006	.011	120-125
				2		1.5%	Ttp2-4	to white clay Alt 125-130 and 145-155	2-4% FeS2	.011	.014	
				2		1.5%	"		130-140 MIX	.026	.033	BC
				1		2%	Ttp2-3		40-50% of chips stained by FeOx 1-2% FeS2	.011	.017	
				1	145-150		Ttp2-3		140-155 Sulphide	.004	.008	
			10	1			pt/qms	150-190 PRECAMBRIAN QMS		.010	.019	145-150
				2		1.2%		Bleached med to light gray quartz mica	155-170 MIX 10-60%	.002		
				2				Schist	of chips perv. stained by FeOx ½ to 2% FeS2	.004		
				2					Strongest FeOx 155-160	.007		
				1	170-175	2%			170-230 SULPHIDE	.005		170-125
										.004		

DRILL CUTTING LOG

Logged by:

Py est by MRZ 10-31-96

Time	Activity
1:31	Drilling 0-5

Contractor _____ Coordinates _____ Project SE LANGLEY Oxide Exp Hole No. R91-773

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

Hole Size _____ Bearing DueW Inclination -47 Date Started _____ Property GILT EDGE

Collar Elev. _____ Final Depth 230' Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Type, Intensity)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay: CN-AA (Bmf Au)	Fire Assay (Au Bondar)	
			10	1	175-180	2%	PE/qms	PRECAMBRIAN QMS	SULPHIDE cont		.008		175-180
					85						.004		
			10		90						.011	.031	
			60		95	3%	TPD2-3	190-230 TRACHYTE PORPHYRY	(192-205) Borderline min/sulphide		.046	.055	
					195-200				25-50% gr chips perv. stud by oec Bent		.034	.052	195-200
					5				FeOx w/ 2-4% FeS2 in bal.		.010	.014	
					10						.008	.017	
					15						.008		
					20						.006		
					220-225						.003		
				1							.009		
								END OF HOLE @ 230'					
					245-250								

DRILL CUTTING LOG

Logged by:

****
* DrillHole : R91-773 *
****

COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27173.17	44398.65	5524.73	270.00	-47.00	230.00	8/27/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.010	0.010	60.	3.
5.00	10.00	5.00	0.013	0.013	60.	3.
10.00	15.00	5.00	0.004	0.004	60.	3.
15.00	20.00	5.00	0.003	0.003	60.	3.
20.00	25.00	5.00	0.003	0.003	60.	3.
25.00	30.00	5.00	0.002	0.002	60.	3.
30.00	35.00	5.00	0.007	0.007	60.	3.
35.00	40.00	5.00	0.008	0.008	60.	3.
40.00	45.00	5.00	0.003	0.003	60.	2.
45.00	50.00	5.00	0.003	0.003	60.	2.
50.00	55.00	5.00	0.010	0.010	60.	3.
55.00	60.00	5.00	0.014	0.014	60.	3.
60.00	65.00	5.00	0.042	0.042	30.	2.
65.00	70.00	5.00	0.016	0.016	30.	2.
70.00	75.00	5.00	0.007	0.007	30.	2.
75.00	80.00	5.00	0.004	0.004	30.	2.
80.00	85.00	5.00	0.007	0.007	30.	2.
85.00	90.00	5.00	0.006	0.006	60.	2.
90.00	95.00	5.00	0.021	0.021	60.	3.
95.00	100.00	5.00	0.200	0.200	40.	2.
100.00	105.00	5.00	0.540	0.540	40.	2.
105.00	110.00	5.00	0.025	0.025	60.	1.
110.00	115.00	5.00	0.011	0.011	60.	1.
115.00	120.00	5.00	0.033	0.033	40.	2.
120.00	125.00	5.00	0.011	0.011	60.	1.
125.00	130.00	5.00	0.016	0.016	60.	1.
130.00	135.00	5.00	0.033	0.033	60.	2.
135.00	140.00	5.00	0.017	0.017	60.	2.
140.00	145.00	5.00	0.008	0.008	60.	1.
145.00	150.00	5.00	0.019	0.019	60.	1.
150.00	155.00	5.00	0.002	0.002	10.	1.
155.00	160.00	5.00	0.004	0.004	10.	2.
160.00	165.00	5.00	0.007	0.007	10.	2.
165.00	170.00	5.00	0.005	0.005	10.	2.
170.00	175.00	5.00	0.004	0.004	10.	1.
175.00	180.00	5.00	0.008	0.008	10.	1.
180.00	185.00	5.00	0.004	0.004	10.	1.
185.00	190.00	5.00	0.031	0.031	10.	1.
190.00	195.00	5.00	0.055	0.055	60.	1.
195.00	200.00	5.00	0.052	0.052	60.	1.
200.00	205.00	5.00	0.014	0.014	60.	1.
205.00	210.00	5.00	0.017	0.017	60.	1.
210.00	215.00	5.00	0.008	0.008	60.	1.
215.00	220.00	5.00	0.006	0.006	60.	1.
220.00	225.00	5.00	0.003	0.003	60.	1.
225.00	230.00	5.00	0.009	0.009	60.	1.

$\bar{x} = .038$

$\bar{x} = .006$

may cause prob. in min. model

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

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R91-11907.4 (COMPLETE)

DATE PRINTED: 11-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R91-773 60-65		0.042
Z2 R91-773 75-80		0.007
Z2 R91-775 110-115		0.011
Z2 R91-775 120-125		0.021
Z2 R91-775 125-130		0.011
Z2 R91-776 195-200		0.011

REPORT RS1-11865.4 (COMPLETE)

DATE PRINTED: 4-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	AU OPT
P4 RS1-770 5-10		0.011
P4 RS1-770 10-15		0.015
P4 RS1-770 15-20		0.005
P4 RS1-770 20-25		0.007
P4 RS1-770 25-30		0.030
P4 RS1-770 30-35		0.025
P4 RS1-770 35-40		0.016
P4 RS1-770 40-45		0.016
P4 RS1-770 45-50		0.377
P4 RS1-770 50-55		0.157
P4 RS1-770 55-60		0.030
P4 RS1-770 60-65		0.008
P4 RS1-770 65-70		0.010
P4 RS1-770 70-75		0.042
P4 RS1-770 75-80		0.013
P4 RS1-770 80-85		0.004
P4 RS1-771 0-5		0.029
P4 RS1-771 5-10		0.016
P4 RS1-771 10-15		0.045
P4 RS1-771 15-20		0.007
P4 RS1-771 65-70		0.007
P4 RS1-771 70-75		0.017
P4 RS1-771 75-80		0.008
P4 RS1-771 80-85		0.019
P4 RS1-771 85-90		0.079
P4 RS1-771 90-95		0.015
P4 RS1-771 95-100		0.004
P4 RS1-771 100-105		0.004
P4 RS1-771 105-110		0.016
P4 RS1-771 110-115		0.020
P4 RS1-771 115-120		0.027
P4 RS1-771 120-125		0.015
P4 RS1-772 0-5		0.006
P4 RS1-772 5-10		0.002
P4 RS1-772 10-15		0.023
P4 RS1-772 15-20		0.011
P4 RS1-772 20-25		0.012
P4 RS1-772 25-30		0.030
P4 RS1-772 30-35		0.020
P4 RS1-772 35-40		0.013

SAMPLE NUMBER	ELEMENT UNITS	AU OPT	
P4 RS1-772 40-45		0.018	
P4 RS1-772 45-50		0.023	
P4 RS1-772 50-55		0.010	
P4 RS1-772 55-60		0.012	
P4 RS1-772 60-65		0.018	
P4 RS1-772 65-70		0.012	
P4 RS1-772 70-75		0.008	
P4 RS1-773 50-55		0.010	
P4 RS1-773 55-60		0.014	
P4 RS1-773 60-65		0.034	
P4 RS1-773 65-70		0.016	
P4 RS1-773 90-95		0.021	increase over prelim
P4 RS1-773 95-100		0.200	
P4 RS1-773 100-105		0.540	
P4 RS1-773 105-110		0.025	
P4 RS1-773 110-115		0.011	
P4 RS1-773 115-120		0.033	
P4 RS1-773 120-125		0.011	
P4 RS1-773 125-130		0.016	increase over prelim
P4 RS1-773 130-135		0.033	
P4 RS1-773 135-140		0.017	
P4 RS1-773 140-145		0.008	
P4 RS1-773 145-150		0.019	
P4 RS1-773 185-190		0.031	
P4 RS1-773 190-195		0.055	
P4 RS1-773 195-200		0.052	
P4 RS1-773 200-205		0.014	
P4 RS1-773 205-210		0.017	

REPORT: R91-11865.4 (COMPLETE)

DATE PRINTED: 3-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	AU OPT
P4 R91-770 5-10		0.011
P4 R91-770 10-15		0.015
P4 R91-770 15-20		0.005
P4 R91-770 20-25		0.007
P4 R91-770 25-30		0.030
P4 R91-770 30-35		0.025
P4 R91-770 35-40		0.016
P4 R91-770 40-45		0.016
P4 R91-770 45-50		=
P4 R91-770 50-55		0.157
P4 R91-770 55-60		0.030
P4 R91-770 60-65		0.008
P4 R91-770 65-70		0.010
P4 R91-770 70-75		0.042
P4 R91-770 75-80		0.013
P4 R91-770 80-85		0.004
P4 R91-771 0-5		0.029
P4 R91-771 5-10		0.016
P4 R91-771 10-15		0.045
P4 R91-771 15-20		0.007
P4 R91-771 65-70		0.007
P4 R91-771 70-75		0.017
P4 R91-771 75-80		0.008
P4 R91-771 80-85		0.019
P4 R91-771 85-90		0.077=
P4 R91-771 90-95		0.015
P4 R91-771 95-100		0.004
P4 R91-771 100-105		0.004
P4 R91-771 105-110		0.016
P4 R91-771 110-115		0.020
P4 R91-771 115-120		0.027
P4 R91-771 120-125		0.015
P4 R91-772 0-5		0.006
P4 R91-772 5-10		0.002
P4 R91-772 10-15		0.023
P4 R91-772 15-20		0.011
P4 R91-772 20-25		0.012
P4 R91-772 25-30		0.030
P4 R91-772 30-35		0.020
P4 R91-772 35-40		0.013
P4 R91-772 40-45		0.018
P4 R91-772 45-50		0.023
P4 R91-772 50-55		0.010
P4 R91-772 55-60		0.012
P4 R91-772 60-65		0.018
P4 R91-772 65-70		0.012
P4 R91-772 70-75		0.008
P4 R91-773 50-55		0.010
P4 R91-773 55-60		0.014
P4 R91-773 60-65		0.034
P4 R91-773 65-70		0.016
P4 R91-773 90-95		0.016=
P4 R91-773 95-100		0.200
P4 R91-773 100-105		0.540
P4 R91-773 105-110		0.025
P4 R91-773 110-115		0.011
P4 R91-773 115-120		0.033
P4 R91-773 120-125		0.011
P4 R91-773 125-130		0.014=
P4 R91-773 130-135		0.033
P4 R91-773 135-140		0.017
P4 R91-773 140-145		0.008
P4 R91-773 145-150		0.019
P4 R91-773 185-190		0.031
P4 R91-773 190-195		0.055
P4 R91-773 195-200		0.052
P4 R91-773 200-205		0.014
P4 R91-773 205-210		0.017

60-65 5' @ .034

95 - 135 40' @ .108

185-200 15' @ .046

Pit-Bench-Pattern # R91-773

Submittal Date 8-28-91

Exploration

21 samples to B.C.

HEAVY SOLS

Hot HCl Rinse and FIRE DETERMINATIONS

(A)

DATE: 8-29

NAME: MM

	SAMPLE	FIRE Au.	HCl Au.		SAMPLE	FIRE Au.	HCl Au.
1.	0 – 5		.010	25.	Standard ✓		.015
2.	5 – 10		.013	26.	95 – 100	.200 B.C	.088
3.	10 – 15		.004	27.	100 – 105	.540 B.C.	.216
4.	15 – 20		.003	28.	105 – 110	.025 B.C	.004
5.	20 – 25		.003	29.	110 – 115	.011 B.C	.004
6.	25 – 30		.002	30.	115 – 120	.033 B.C.	.024
7.	30 – 35		.007	31.	120 – 125	.011 B.C	.006
8.	Standard ✓		.015	32.	125 – 130	.014 B.C.	.011
9.	35 – 40		.008	33.			
10.	✓7		.028	34.			
11.	40 – 45 (1)		.003	35.	130 – 135	.033 B.C.	.026
12.	40 – 45 (2)		.003	36.	135 – 140	.017 B.C.	.011
13.	45 – 50		.003	37.	140 – 145	.008 B.C.	.004
14.	50 – 55	B.C.	.007	38.	145 – 150	.019 B.C.	.010
15.	55 – 60	B.C	.012	39.	150 – 155	~~.037~~	.002
16.				40.	155 – 160		.004
17.				41.	160 – 165		.007
18.	60 – 65	B.C	.018	42.	Standard ✓		.015
19.	65 – 70	B.C.	.006	43.	165 – 170		.005
20.	70 – 75		.002	44.	170 – 175		.004
21.	75 – 80		.004	45.	175 – 180		.008
22.	80 – 85		.007	46.	180 – 185		.004
23.	85 – 90		.006	47.	185 – 190	.036 B.C.	.011
24.	90 – 95	.016 B.C	.013	48.			

Pit-Bench-Pattern # R91-773

Submittal Date 8-28-91

Exploration

BLADY GOLD

Hot NaCN Shake and FIRE DETERMINATIONS

(B)

DATE: 8-29

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	190 - 195	.055 B.C.	.046	25.	Standard ✓		
2.	195 - 200	.052 B.C.	.034	26.			
3.	200 - 205	.014 B.C.	.010	27.			
4.	205 - 210	.017 B.C.	.008	28.			
5.	210 - 215		.008	29.			
6.	215 - 220		.006	30.			
7.	220 - 225		.003	31.			
8.	Standard ✓		.015	32.			
9.	225 - 230		.009	33.			
10.				34.			
11.				35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

44247.60N

Contractor Douglas Exp **Coordinates** L-16 27,100.17E **Project** S.E. LANGLEY - OXIDE **Hole No.** R91-774

Drill Type I.V.I. R.T. Buggy (RVC) **Casing Depth** _____ **State** SD **Sheet** 1 **of** 2

Hole Size 4 1/2" Hammer **Bearing** Due W **Inclination** -62 **Date Started** 8/28/91 10:45 AM. **Property** Gilt Edge

Collar Elev. 5519.17' **Final Depth** 220' **Date Completed** 8/28/91 **Hole Surveyed** No

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay: RPC Au (CH/AA)	Assay: RC Au (Fire)	Fire Dup (Reject)
			30	3	0-5	0%	Edh	0-25 DEADWOOD FORMATION HORNFELS	0-20 OXIDE		.001		
					10			Med to Dk brown	No visible SULPHIDE		.002		
					15						.001		
					20						nil		
				2	20-25	1.2%			20-30 MIX 1/2-2% FeS2		.002		
			50	2		1.2%	Thtpy	25-43 HORNBLENDE TRACHYTE POR.			nil		
				1		2.5%		hornblende laths all replaced "psuedo morphs"	30-45 SULPHIDE		nil		
								of FeS2 + /or FeOx are found	2-3% FeS2 Tr FeOx		nil		
								43-70 DEADWOOD FORMATION HORNFELS			.001		
			30	2	45-50	.5%	Edh	interbedded tan and light to Dark drab	45-110 MIX		.002		
								olive grn hornfels	Tr. to 1% FeS2		.002		
											.005		
											.007		
								(65-70) (Dk org brn Clay Gouge)			.002		
			40		70-75		Edq	70-78 DEADWOOD FORMATION QUARTZITE			.006		
			40								.005		
			60				Ttp	78-85 TRACHYTE PORPHYRY			.003		
			40				Edq	85-105 DEADWOOD FORMATION QUARTZITE			.007	.012	
											.011	.024	
					95-100						.028	.067	
											.005	.008	
			10				PE	105-110 PRECAMBRIAN / QMS			.002	.004	
			60	1		3%-	Ttp-y	110-195 TRACHYTE PORPHYRY	110-120 SULPHIDE		.003	.012	
				1		3%			2-4% FeS2, tr. FeOx		.005	.015	
				2	120-125	.3%			120-130 MIX tr.-1/2% FeS2		.005	.006	
				2		.3%			80-90% of chips perv. FeOx stnd		.019	.029	
				1		2.5%			130-147 SULPHIDE FeOx tr		.009	.012	
				1			Thp	(135-140) Strong Clay Alt.	FeS2 2-3%		.004	.008	
				1							.011	.019	
				2	145-150				147-160 MIX tr FeS2		.009	.015	
				2		.1%		(FINE GRAINED MARGIN)			.007	.013	
				2		.1%					.008	.015	
				3		0%			160-175 OXIDE no visible FeS2		.008	.011	
				3							.007	.014	
				3	170-175						.016	.050	

py est. by MRE 10-31-96

DRILL CUTTING LOG

Logged by: RJM/SK

Contractor _____ Coordinates _____ Project _____ Hole No. R91-774

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

Hole Size _____ Bearing W Inclination -62 Date Started _____ Property _____

Collar Elev. _____ Final Depth 220' Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS							DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	MINERALIZATION: TYPE	BMC ASSAY Au	BMC ASSAY Ag
			10	2	175-180	.3%	TFA	QUARTZ TRACHYTE POR. CONT	175 - 180 MIX		.003	
				1		3%		(180-195) St. Argillic Alt.	180 - 195 SULPHIDE		.002	
				1					2-4% FeS, tr FeOx		.003	
				1					195 - 200 MIX		.004	
			10	2	195-200	.2%		195 - 220 PRECAMBRIAN/QMS + Cherf	200 - 220 SULPHIDE		.003	
				1		.8%			FeOx tr - to nil FeS_2		.002	
									1/2 - 1%		.002	
											.001	
											nil	
					220-225			EOH @ 220'				

DRILL CUTTING LOG

Logged By: RTM/SR

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

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: R91-11998.4 (COMPLETE)

REFERENCE INFO: R91-774,775,776

CLIENT: BROHN MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: MACLEOD
DATE PRINTED: 20-SEP-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	93	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	93	4 AS REC'D	93	AS RECEIVED, NO SP	93

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)

BONDAR-CLEGG

Payment Approved 10/1/91

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R91-11998.4 (COMPLETE)

DATE PRINTED: 20-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-774 85-90		0.012	P4 R91-775 170-175		0.018
P4 R91-774 90-95		0.024	P4 R91-775 175-180		0.037
P4 R91-774 95-100		0.067	P4 R91-775 180-185		0.016
P4 R91-774 100-105		0.008	P4 R91-775 185-190		0.005
P4 R91-774 105-110		0.004	P4 R91-776 5-10		0.022
P4 R91-774 110-115		0.012	P4 R91-776 10-15		0.010
P4 R91-774 115-120		0.015	P4 R91-776 15-20		0.006
P4 R91-774 120-125		0.006	P4 R91-776 20-25		0.004
P4 R91-774 125-130		0.029	P4 R91-776 25-30		0.005
P4 R91-774 130-135		0.012	P4 R91-776 30-35		0.012
P4 R91-774 135-140		0.008	P4 R91-776 35-40		0.031
P4 R91-774 140-145		0.019	P4 R91-776 40-45		0.045
P4 R91-774 145-150		0.015	P4 R91-776 45-50		0.025
P4 R91-774 150-155		0.013	P4 R91-776 50-55		0.036
P4 R91-774 155-160		0.015	P4 R91-776 55-60		0.068
P4 R91-774 160-165		0.011	P4 R91-776 60-65		0.048
P4 R91-774 165-170		0.014	P4 R91-776 65-70		0.007
P4 R91-774 170-175		0.050	P4 R91-776 70-75		0.005
P4 R91-775 60-65		0.006	P4 R91-776 75-80		0.004
P4 R91-775 65-70		0.008	P4 R91-776 80-85		0.052
P4 R91-775 70-75		0.005	P4 R91-776 85-90		0.042
P4 R91-775 75-80		0.011	P4 R91-776 90-95		0.021
P4 R91-775 80-85.		0.020	P4 R91-776 95-100		0.010
P4 R91-775 85-90.		0.018	P4 R91-776 100-105		0.011
P4 R91-775 90-95.		0.016	P4 R91-776 105-110		0.008
P4 R91-775 95-100.		0.022	P4 R91-776 110-115		0.011
P4 R91-775 100-105.		0.011	P4 R91-776 115-120		0.006
P4 R91-775 105-110.		0.008	P4 R91-776 120-125		0.009
P4 R91-775 110-115.		0.010 $\bar{x}$ = .010	P4 R91-776 125-130		0.010
P4 R91-775 115-120.		0.007	P4 R91-776 130-135		0.006
P4 R91-775 120-125.		0.019 $\bar{x}$ = .020	P4 R91-776 135-140		0.010
P4 R91-775 125-130.		0.017 $\bar{x}$ = .014	P4 R91-776 140-145		0.005
P4 R91-775 130-135.		0.009	P4 R91-776 145-150		0.004
P4 R91-775 135-140.		0.006	P4 R91-776 150-155		0.005
P4 R91-775 140-145.		0.008	P4 R91-776 155-160		0.003
P4 R91-775 145-150.		0.012	P4 R91-776 160-165		0.012
P4 R91-775 150-155.		0.015	P4 R91-776 165-170		0.005
P4 R91-775 155-160.		0.015	P4 R91-776 170-175		0.004
P4 R91-775 160-165.		0.013	P4 R91-776 175-180		0.009
P4 R91-775 165-170.		0.030	P4 R91-776 180-185		0.012

Bondar-Clegg, Inc.
625 Spice Island Dr.
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702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 20-SEP-91

REPORT: R91-11998.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-776 185-190		0.010			
P4 R91-776 190-195		0.007			
P4 R91-776 195-200		0.012 $-\bar{x} = .012$			
P4 R91-776 200-205		0.007			
P4 R91-776 205-210		0.005			
P4 R91-776 210-215		0.006			
P4 R91-776 215-220		0.009			
P4 R91-776 220-225		0.007			
P4 R91-776 225-230		0.012			
P4 R91-776 230-235		0.010			
P4 R91-776 235-240		0.007			
P4 R91-776 240-245		0.010			
P4 R91-776 245-250		0.012			

Bondar-Clegg, Inc.
625 Spice Island Dr.
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BC BONDAR-CLEGG

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PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au OPT	STANDARD NAME	ELEMENT UNITS	Au OPT
AU ASSAY STD		0.156			
AU ASSAY STD		0.151			
Number of Analyses		2			
Mean Value		0.1535			
Standard Deviation		0.00353			
Accepted Value		0.150			
ANALYTICAL BLANK		<0.002			
ANALYTICAL BLANK		<0.002			
Number of Analyses		2			
Mean Value		0.0010			
Standard Deviation		0.00000			
Accepted Value		0.002			
AU PULP STD		0.188			
Number of Analyses		1			
Mean Value		0.1880			
Standard Deviation		-			
Accepted Value		0.184			

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BONDAR-CLEGG

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Geochemical Lab Report

DATE PRINTED: 20-SEP-91

REPORT: R91-11998.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
R91-774 125-130		0.029			
Duplicate		0.027			
R91-775 60-65		0.006			
Duplicate		0.006			
R91-775 120-125		0.019			
Duplicate		0.015			
R91-775 170-175		0.018			
Duplicate		0.017			
R91-776 45-50		0.025			
Duplicate		0.030			
R91-776 95-100		0.010			
Duplicate		0.011			
R91-776 100-105		0.011			
Duplicate		0.011			
R91-776 155-160		0.003			
Duplicate		0.005			
R91-776 210-215		0.006			
Duplicate		0.006			

RECEIVED
SEP 30 1991
BROHM MINING CO.

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO._____

130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
or
P.O. Box 8059
Blaine, WA. 98230

Phone (604) 985-0681
or (702) 331-1813
Fax (604) 985-1071
Telex 04-352667

1A-625 Spice Island Dr.
Sparks, Nevada 89431
(702) 359-9330

12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

243 Catlin St.
Missoula, Montana 59801
(406) 721-4452

37 Sherman St.
Deadwood, S.D. 57732
(605) 578-1903

c/o Lerch Brothers
4th Ave. W. at Grant St.
Hibbing, Minn. 55746
(218) 262-5003

136 Industrial Road
Whitehorse, Yukon Territory
Y1A 2V1
(403) 667-6523

6631 Wes Way
Anchorage, Ak. 99518
(907) 561-0909

Please analyze by **Assay (% ore grade)** ☒ **Geochemical (ppm, trace level)** ☐

Comments 1 AT FIRE; Separate ORDER
S-14-1 SERIES INCLUDED IN SHIPMENT

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
PULP	18	R91-774 85-90 thru	Au	
		170-175		
"	26	R91-775 60-65	Au	
		thru 185-190		
"	419	R91-776 5-10	Au	
		thru 245-250		

Total No. Samples ~~83~~ 93 Date Shipped 9/6/91 Prepaid ☒ Collect ☐

No. Parcels in Shipment 2 Date Rec'd at Bondar-Clegg

PLEASE CHECK ✓ BELOW

REJECTS
(COARSE OVERSIZE)

Free storage for 60 days and then discarded unless marked below.

Return immediately ☐

Return collect after 60 days ☐

Store to January at a cost of $10/box (approx. 1 cu. ft.) ☐
(You will then be contacted)

PULPS

Free storage until year end and then discarded unless marked below.

Return collect immediately ☒

Return collect at year end ☐

Samples submitted by R.J. MacLeod

Shipment number

Client project number

Purchase order number

Results and Invoices To Be Sent To

Rod MacLeod
c/o BROHM MINING CORP.
P.O. Box 465
Deadwood, SD 57732

☒ Results
☒ Invoice (for payment)

☐ Results
☐ Invoice (copy)

☐ Results
☐ Invoice (copy)

Printed in Canada

White - Send with Samples Yellow - Client Copy

```
"TITLE 19-09-91 17:34:07 R91-11998.4   MACLEOD                11/09/91"
"CLIENT BROHM MINING CORPORATION                                       "
"PROJECT NONE GIVEN      #SAMPLES:   93 REFERENCE: R91-774,775,776                 "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   93 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=P      PREPARED PULP       "
"  41 P68=  93           AS RECEIVED, NO SP  "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19980001" "P" "4" "R91-774 85-90        "    0.012
"19980002" "P" "4" "R91-774 90-95        "    0.024
"19980003" "P" "4" "R91-774 95-100       "    0.067
"19980004" "P" "4" "R91-774 100-105      "    0.008
"19980005" "P" "4" "R91-774 105-110      "    0.004
"19980006" "P" "4" "R91-774 110-115      "    0.012
"19980007" "P" "4" "R91-774 115-120      "    0.015
"19980008" "P" "4" "R91-774 120-125      "    0.006
"19980009" "P" "4" "R91-774 125-130      "    0.029
"19980011" "P" "4" "R91-774 130-135      "    0.012
"19980012" "P" "4" "R91-774 135-140      "    0.008
"19980013" "P" "4" "R91-774 140-145      "    0.019
"19980014" "P" "4" "R91-774 145-150      "    0.015
"19980015" "P" "4" "R91-774 150-155      "    0.013
"19980016" "P" "4" "R91-774 155-160      "    0.015
"19980017" "P" "4" "R91-774 160-165      "    0.011
"19980018" "P" "4" "R91-774 165-170      "    0.014
"19980019" "P" "4" "R91-774 170-175      "    0.050
"19980020" "P" "4" "R91-775 60-65        "    0.006
"19980021" "P" "4" "R91-775 65-70        "    0.008
"19980022" "P" "4" "R91-775 70-75        "    0.005
"19980025" "P" "4" "R91-775 75-80        "    0.011
"19980026" "P" "4" "R91-775 80-85        "    0.020
"19980027" "P" "4" "R91-775 85-90        "    0.018
"19980028" "P" "4" "R91-775 90-95        "    0.016
"19980029" "P" "4" "R91-775 95-100       "    0.022
"19980030" "P" "4" "R91-775 100-105      "    0.011
"19980031" "P" "4" "R91-775 105-110      "    0.008
"19980032" "P" "4" "R91-775 110-115      "    0.010
"19980033" "P" "4" "R91-775 115-120      "    0.007
"19980034" "P" "4" "R91-775 120-125      "    0.019
"19980036" "P" "4" "R91-775 125-130      "    0.017
"19980037" "P" "4" "R91-775 130-135      "    0.009
"19980038" "P" "4" "R91-775 135-140      "    0.006
"19980039" "P" "4" "R91-775 140-145      "    0.008
"19980040" "P" "4" "R91-775 145-150      "    0.012
"19980041" "P" "4" "R91-775 150-155      "    0.015
"19980042" "P" "4" "R91-775 155-160      "    0.015
"19980043" "P" "4" "R91-775 160-165      "    0.013
"19980044" "P" "4" "R91-775 165-170      "    0.030
"19980045" "P" "4" "R91-775 170-175      "    0.018
"19980046" "P" "4" "R91-775 175-180      "    0.037
"19980049" "P" "4" "R91-775 180-185      "    0.016
"19980050" "P" "4" "R91-775 185-190      "    0.005
"19980051" "P" "4" "R91-776 5-10         "    0.022
"19980052" "P" "4" "R91-776 10-15        "    0.010
"19980053" "P" "4" "R91-776 15-20        "    0.006
```

90-100 10' @ .046

165-180 15' @ .028

"19980054"	"P"	"4"	"R91-776	20-25	"	0.004
"19980055"	"P"	"4"	"R91-776	25-30	"	0.005
"19980056"	"P"	"4"	"R91-776	30-35	"	0.012
"19980057"	"P"	"4"	"R91-776	35-40	"	0.031
"19980058"	"P"	"4"	"R91-776	40-45	"	0.045
"19980059"	"P"	"4"	"R91-776	45-50	"	0.025
"19980061"	"P"	"4"	"R91-776	50-55	"	0.036
"19980062"	"P"	"4"	"R91-776	55-60	"	0.068
"19980063"	"P"	"4"	"R91-776	60-65	"	0.048
"19980064"	"P"	"4"	"R91-776	65-70	"	0.007
"19980065"	"P"	"4"	"R91-776	70-75	"	0.005
"19980066"	"P"	"4"	"R91-776	75-80	"	0.004
"19980067"	"P"	"4"	"R91-776	80-85	"	0.052
"19980068"	"P"	"4"	"R91-776	85-90	"	0.042
"19980069"	"P"	"4"	"R91-776	90-95	"	0.021
"19980070"	"P"	"4"	"R91-776	95-100	"	0.010
"19980073"	"P"	"4"	"R91-776	100-105	"	0.011
"19980074"	"P"	"4"	"R91-776	105-110	"	0.008
"19980075"	"P"	"4"	"R91-776	110-115	"	0.011
"19980076"	"P"	"4"	"R91-776	115-120	"	0.006
"19980077"	"P"	"4"	"R91-776	120-125	"	0.009
"19980078"	"P"	"4"	"R91-776	125-130	"	0.010
"19980079"	"P"	"4"	"R91-776	130-135	"	0.006
"19980080"	"P"	"4"	"R91-776	135-140	"	0.010
"19980081"	"P"	"4"	"R91-776	140-145	"	0.005
"19980082"	"P"	"4"	"R91-776	145-150	"	0.004
"19980083"	"P"	"4"	"R91-776	150-155	"	0.005
"19980084"	"P"	"4"	"R91-776	155-160	"	0.003
"19980086"	"P"	"4"	"R91-776	160-165	"	0.012
"19980087"	"P"	"4"	"R91-776	165-170	"	0.005
"19980088"	"P"	"4"	"R91-776	170-175	"	0.004
"19980089"	"P"	"4"	"R91-776	175-180	"	0.009
"19980090"	"P"	"4"	"R91-776	180-185	"	0.012
"19980091"	"P"	"4"	"R91-776	185-190	"	0.010
"19980092"	"P"	"4"	"R91-776	190-195	"	0.007
"19980093"	"P"	"4"	"R91-776	195-200	"	0.012
"19980094"	"P"	"4"	"R91-776	200-205	"	0.007
"19980097"	"P"	"4"	"R91-776	205-210	"	0.005
"19980098"	"P"	"4"	"R91-776	210-215	"	0.006
"19980099"	"P"	"4"	"R91-776	215-220	"	0.009
"19980100"	"P"	"4"	"R91-776	220-225	"	0.007
"19980101"	"P"	"4"	"R91-776	225-230	"	0.012
"19980102"	"P"	"4"	"R91-776	230-235	"	0.010
"19980103"	"P"	"4"	"R91-776	235-240	"	0.007
"19980104"	"P"	"4"	"R91-776	240-245	"	0.010
"19980105"	"P"	"4"	"R91-776	245-250	"	0.012

"END"

35-65
30' @ .042

80-95
15' @ .038

****
* DrillHole : R91-774 *
****

COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27100.17	44247.36	5519.17	270.00	-62.00	220.00	8/28/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.001	0.001	30.	3.
5.00	10.00	5.00	0.002	0.002	30.	3.
10.00	15.00	5.00	0.001	0.001	30.	3.
15.00	20.00	5.00	0.000	0.000	30.	3.
20.00	25.00	5.00	0.002	0.002	30.	2.
25.00	30.00	5.00	0.000	0.000	50.	2.
30.00	35.00	5.00	0.000	0.000	50.	1.
35.00	40.00	5.00	0.000	0.000	50.	1.
40.00	45.00	5.00	0.001	0.001	50.	1.
45.00	50.00	5.00	0.002	0.002	30.	2.
50.00	55.00	5.00	0.002	0.002	30.	2.
55.00	60.00	5.00	0.005	0.005	30.	2.
60.00	65.00	5.00	0.007	0.007	30.	2.
65.00	70.00	5.00	0.002	0.002	30.	2.
70.00	75.00	5.00	0.006	0.006	40.	2.
75.00	80.00	5.00	0.005	0.005	40.	2.
80.00	85.00	5.00	0.003	0.003	60.	2.
85.00	90.00	5.00	0.012	0.012	40.	2.
90.00	95.00	5.00	0.024	0.024	40.	2.
[illegible].00	100.00	5.00	0.067	0.067	40.	2.
100.00	105.00	5.00	0.008	0.008	40.	2.
105.00	110.00	5.00	0.004	0.004	10.	2.
110.00	115.00	5.00	0.012	0.012	60.	1.
115.00	120.00	5.00	0.015	0.015	60.	1.
120.00	125.00	5.00	0.006	0.006	60.	2.
125.00	130.00	5.00	0.029	0.029	60.	2.
130.00	135.00	5.00	0.012	0.012	60.	1.
135.00	140.00	5.00	0.008	0.008	60.	1.
140.00	145.00	5.00	0.019	0.019	60.	1.
145.00	150.00	5.00	0.015	0.015	60.	2.
150.00	155.00	5.00	0.013	0.013	60.	2.
155.00	160.00	5.00	0.015	0.015	60.	2.
160.00	165.00	5.00	0.011	0.011	60.	3.
165.00	170.00	5.00	0.014	0.014	60.	3.
170.00	175.00	5.00	0.050	0.050	60.	3.
175.00	180.00	5.00	0.003	0.003	60.	2.
180.00	185.00	5.00	0.002	0.002	60.	1.
185.00	190.00	5.00	0.003	0.003	60.	1.
190.00	195.00	5.00	0.004	0.004	60.	1.
195.00	200.00	5.00	0.003	0.003	10.	2.
200.00	205.00	5.00	0.002	0.002	10.	1.
205.00	210.00	5.00	0.002	0.002	10.	1.
210.00	215.00	5.00	0.001	0.001	10.	1.
215.00	220.00	5.00	0.000	0.000	10.	1.

Pit-Bench-Pattern # R91-774 Exploration

Submittal Date 8-28-91

BLAST HOLE

Hot HoCN Cyanide and FIRE DETERMINATIONS

A

DATE: 8-30

NAME: MM

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	0 - 5		.001	25.	Standard ✓		.015
2.	5 - 10		.002	26.	100 - 105		.005
3.	10 - 15		.001	27.	105 - 110		.002
4.	15 - 20		ZIP	28.	110 - 115		.003
5.	20 - 25		.002	29.	115 - 120		.005
6.	25 - 30		ZIP	30.	120 - 125		.005
7.	30 - 35		ZIP	31.	125 - 130		.019
8.	Standard ✓		.015	32.	130 - 135		.009
9.	35-40		ZIP	33.			
10.	r7		.027	34.			
11.	40 - 45		.001	35.	135 - 140		.004
12.	45 - 50		.002	36.	140 - 145		.011
13.	50 - 55		.002	37.	145 - 150		.009
14.	55 - 60		.005	38.	150 - 155		.007
15.	60 - 65		.007	39.	155 - 160		.008
16.				40.	160 - 165		.008
17.				41.	165 - 170		.007
18.	65 - 70		.002	42.	Standard ✓		.015
19.	70 - 75		.006	43.	170 - 175		.016
20.	75 - 80		.005	44.	175 - 180		.003
21.	80 - 85		.003	45.	180 - 185		.002
22.	85 - 90		.007	46.	185 - 190 (1)		.002
23.	90 - 95		.011	47.	185 - 190 (2)		.004
24.	95 - 100		.028	48.			

x 2

Pit-Bench-Pattern # R91-774

Submittal Date 8-28-91

Exploration

BLAST HOLE

Bot BoCH Blake and FIRE DETERMINATIONS

A

DATE: 8-30

NAME: MM

	SAMPLE	FIRE Au.	BoCH Au.		SAMPLE	FIRE Au.	BoCH Au.
1.	0 - 5		.001	25.	Standard ✓		.015
2.	5 - 10		.002	26.	100 - 105	B.C.	.005
3.	10 - 15		.001	27.	105 - 110	B.C.	.002
4.	15 - 20		ZIP	28.	110 - 115	B.C	.003
5.	20 - 25		.002	29.	115 - 120	B.C	.005
6.	25 - 30		ZIP	30.	120 - 125	B.C.	.005
7.	30 - 35		ZIP	31.	125 - 130	B.C.	.019
8.	Standard ✓		.015	32.	130 - 135	B.C	.009
9.	35-40		ZIP	33.			
10.	r7		.027	34.			
11.	40 - 45		.001	35.	135 - 140	B.C.	.004
12.	45 - 50		.002	36.	140 - 145	B.C.	.011
13.	50 - 55		.002	37.	145 - 150	B.C.	.009
14.	55 - 60		.005	38.	150 - 155	B.C.	.007
15.	60 - 65		.007	39.	155 - 160	B.C.	.008
16.				40.	160 - 165	B.C.	.008
17.				41.	165 - 170	B.C.	.007
18.	65 - 70		.002	42.	Standard ✓		.015
19.	70 - 75		.006	43.	170 - 175	B.C.	.016
20.	75 - 80		.005	44.	175 - 180		.003
21.	80 - 85		.003	45.	180 - 185		.002
22.	85 - 90	B.C.	.007	46.	185 - ① 190		.002
23.	90 - 95	B.C.	.011	47.	185 - ② 190		.004
24.	95 - 100	B.C.	.028	48.			

x 2

18

Pit-Bench-Pattern #
R91-774

Submittal Date
8-28-91

BLADE GOLD

Hot HaCN Shake
and
FIRE DETERMINATIONS

B

DATE: 8-30

NAME: MM

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	190-195		.004	25.	Standard ✓		
2.	195-200		.003	26.			
3.	200-205		.002	27.			
4.	205-210		.002	28.			
5.	210-215		.001	29.			
6.	215-220		nil	30.			
7.				31.			
8.	Standard ✓			32.			
9.				33.			
10.				34.			
11.				35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

Pit-Bench-Pattern #
R91-774

Submittal Date
8-28-91

BLADY GOLD

Hot ReCH Finish
and
FIRE DETERMINATIONS

B

DATE: 8-30

NAME: MM

	SAMPLE	FIRE Au.	ReCH Au.		SAMPLE	FIRE Au.	ReCH Au.
1.	190-195		.004	25.	Standard ✓		
2.	195-200		.003	26.			
3.	200-205		.002	27.			
4.	205-210		.002	28.			
5.	210-215		.001	29.			
6.	215-220		nil	30.			
7.				31.			
8.	Standard ✓			32.			
9.				33.			
10.				34.			
11.				35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

```
"TITLE 19-09-91 17:34:07 R91-11998.4   MACLEOD                11/09/91"
"CLIENT BROHM MINING CORPORATION                                       "
"PROJECT NONE GIVEN      #SAMPLES:   93 REFERENCE: R91-774,775,776                 "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   93 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=P      PREPARED PULP       "
"  41 P68=  93           AS RECEIVED, NO SP  "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19980001" "P" "4" "R91-774 85-90        "    0.012
"19980002" "P" "4" "R91-774 90-95        "    0.024
"19980003" "P" "4" "R91-774 95-100       "    0.067
"19980004" "P" "4" "R91-774 100-105      "    0.008
"19980005" "P" "4" "R91-774 105-110      "    0.004
"19980006" "P" "4" "R91-774 110-115      "    0.012
"19980007" "P" "4" "R91-774 115-120      "    0.015
"19980008" "P" "4" "R91-774 120-125      "    0.006
"19980009" "P" "4" "R91-774 125-130      "    0.029
"19980011" "P" "4" "R91-774 130-135      "    0.012
"19980012" "P" "4" "R91-774 135-140      "    0.008
"19980013" "P" "4" "R91-774 140-145      "    0.019
"19980014" "P" "4" "R91-774 145-150      "    0.015
"19980015" "P" "4" "R91-774 150-155      "    0.013
"19980016" "P" "4" "R91-774 155-160      "    0.015
"19980017" "P" "4" "R91-774 160-165      "    0.011
"19980018" "P" "4" "R91-774 165-170      "    0.014
"19980019" "P" "4" "R91-774 170-175      "    0.050
"19980020" "P" "4" "R91-775 60-65        "    0.008
"19980021" "P" "4" "R91-775 65-70        "    0.008
"19980022" "P" "4" "R91-775 70-75        "    0.005
"19980025" "P" "4" "R91-775 75-80        "    0.011
"19980026" "P" "4" "R91-775 80-85        "    0.020
"19980027" "P" "4" "R91-775 85-90        "    0.018
"19980028" "P" "4" "R91-775 90-95        "    0.016
"19980029" "P" "4" "R91-775 95-100       "    0.022
"19980030" "P" "4" "R91-775 100-105      "    0.011
"19980031" "P" "4" "R91-775 105-110      "    0.008
"19980032" "P" "4" "R91-775 110-115      "    0.010
"19980033" "P" "4" "R91-775 115-120      "    0.007
"19980034" "P" "4" "R91-775 120-125      "    0.019
"19980036" "P" "4" "R91-775 125-130      "    0.017
"19980037" "P" "4" "R91-775 130-135      "    0.009
"19980038" "P" "4" "R91-775 135-140      "    0.006
"19980039" "P" "4" "R91-775 140-145      "    0.008
"19980040" "P" "4" "R91-775 145-150      "    0.012
"19980041" "P" "4" "R91-775 150-155      "    0.015
"19980042" "P" "4" "R91-775 155-160      "    0.015
"19980043" "P" "4" "R91-775 160-165      "    0.013
"19980044" "P" "4" "R91-775 165-170      "    0.030
"19980045" "P" "4" "R91-775 170-175      "    0.018
"19980046" "P" "4" "R91-775 175-180      "    0.037
"19980049" "P" "4" "R91-775 180-185      "    0.016
"19980050" "P" "4" "R91-775 185-190      "    0.005
"19980051" "P" "4" "R91-776 5-10         "    0.022
"19980052" "P" "4" "R91-776 10-15        "    0.010
```

Contractor Douglas Expl. **Coordinates** 44449.73N 27125.28E **Project** SE Langley Oxide Expl. **Hole No.** R91-775

Drill Type I.R.I. Buggy (RVC) **Casing Depth** _____ **State** SD **Sheet** 1 **of** 2

Hole Size 4 1/2 **Bearing** due W **Inclination** -44° **Date Started** 8-29-91 8:00 Am **Property** Gilt Edge

Collar Elev. 5595.88' **Final Depth** 230' **Date Completed** 8-29-91 2:10 pm **Hole Surveyed** no

Distance (feet)	Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Mineralization: Type	CN/AA Bmc Assay Au	Fire Assay Bmc Au	Duplicate (Reject) Fire Assay Bmc Au
			605		0-5	Oxide	Tfp	0-195 Trachyte Porphyry, m.g., orange-brown	0-195 Oxide (no visible sulfides)		.005		
											.002		
											.005		
											.003		
					20-25						.004		
											.006		
											.004		
											.004		
								(40-45) Extreme white clay zone, >50% of material			.005		
					45-50						.003		
								(50-55) mod. clay			.009		
											.003		
								(65-80) mod-st. white clay			.005	.006	
											.007	.008	
					70-75						.004	.005	
											.009	.011	
								(80-90) Fract. zone, mod. maroon FeOx			.022	.020	
											.017	.018	
											.011	.016	
					95-100			(95-105) Fract. zone, mod-st. red-maroon FeOx			.023	.022	
											.009	.011	
											.007	.008	
											.006	.010	.011
											.005	.007	
					120-125						.020	.019	.021
											.013	.017	.011
											.008	.009	
											.007	.006	
											.007	.008	
					145-150						.017	.012	
											.017	.015	
								(155-195) St. red, FeOx ⇒ Probably highly brecciated Tfp near Tfp stock contact @ 175:			.012	.015	
											.009	.013	
											.021	.030	
					170-175						.012	.018	

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R91-775

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

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

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

GRAPHIC LOGS			DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION: Weak, Moderate, Strong	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	3	175-180	0%	Tta	(Trachyte Porph. cont)		.027	.037
										.014	.016
										.003	.005
				2		.1%			190-195 MX	.003	
			20	2	195-200	1.5%	Tata	195-230 (Quartz Trachyte Porph.	195-230 Sulphide, 1-2%	.001	
							MX	f.g. @ margin, Langler's stock)	fn. dissem. Pyrite	nil	
								(embayed qtz noted) minor argillic Alt.	" "	NIL	
										NIL	
										NIL	
					220-225			(225-230) Fract. zone		NIL	
								Hole TD @ 230'	(225-230) mod. FeOx plnnd fracts.	.001	
					245-250						
					270-275						
					295-300						
					320-325						
					345-350						

Pg est. by MRZ 10-31-96

DRILL CUTTING LOG

Logged by:

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

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)

BC
BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-11907.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: MACLEOD
DATE PRINTED: 11-SEP-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	6	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	6	2 -150	6	SAMPLE PREP <100LBS	6
				DRYING/SAMPLE	6

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

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 11-SEP-91

REPORT: R91-11907.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R91-773 60-65		0.042
Z2 R91-773 75-80		0.007
Z2 R91-775 110-115		0.011
Z2 R91-775 120-125		0.021
Z2 R91-775 125-130		0.011
Z2 R91-776 195-200		0.011

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: 11-SEP-91

REPORT: R91-11907.4 (COMPLETE)

PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au OPT
ANALYTICAL BLANK		<0.002
Number of Analyses		1
Mean Value		0.0010
Standard Deviation		-
Accepted Value		0.002

```
"TITLE 11-09-91 14:27:41 R91-11907.4   MACLEOD              05/09/91"
"CLIENT BROHM MINING CORPORATION                                    "
"PROJECT NONE GIVEN      #SAMPLES:    6 REFERENCE: NONE GIVEN                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT    6 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P38=   6           SAMPLE PREP <10LBS  "
"  42 P61=   6           DRYING/SAMPLE       "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19070001" "Z" "2" "R91-773 60-65       "    0.042
"19070002" "Z" "2" "R91-773 75-80       "    0.007
"19070003" "Z" "2" "R91-775 110-115     "    0.011
"19070004" "Z" "2" "R91-775 120-125     "    0.021
"19070005" "Z" "2" "R91-775 125-130     "    0.011
"19070006" "Z" "2" "R91-776 195-200     "    0.011
"END"
```

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

BC
BONDAR-CLEGG

775

Geochemical Lab Report

A DIVISION OF SCHCAPE INSPECTION & TEST SC SERVICES

DATE: [illegible] 91

REPORT: R91 [illegible] ([illegible])

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AG OPT
72 R91 773 [illegible]		0.042
72 R91 773 [illegible]		0.067
72 R91 775 [illegible]		0.011
72 R91 775 [illegible]		0.021
72 [illegible] 775 [illegible]		0.011
72 R91 [illegible] 129 [illegible]		0.011

Post-it™ brand

Fax Transmittal Memo 7672

To	Rod Macleod	No. of Pages	2
Company	Brohm	Today's Date	9-11
Location		Time	
Fax #	605-578-1709	Telephone #	
Comments			

From	Nicole		
Company	B-C		
Location	Reno	Dept. Charge	
Fax #		Telephone #	
Original Disposition	☐ Destroy	☐ Return	☐ Call for pickup

Bondar-Clegg, Inc.
625 S. 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

WORK ORDER: R91-11007.4-0 COMPLETED

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: MACLEOD
DATE PRINTED: 11-SEP-91

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	6	0.002 OZ/T	Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
7 OTHER DRILL TYPES	6	2 150	6	SAMPLE PREP. ERRORS	6
				DRYING/SAMPLE	6

REPORT COPIES TO: MR. ROD MACLEOD

INVOICE TO: MR. ROD MACLEOD

BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO._____

130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
or
P.O. Box 8059
Blaine, WA. 98230

Phone (604) 985-0681
or (702) 331-1813
Fax (604) 985-1071
Telex 04-352667

1A-625 Spice Island Dr.
Sparks, Nevada 89431
(702) 359-9330

12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

243 Catlin St.
Missoula, Montana 59801
(406) 721-4452

37 Sherman St.
Deadwood, S.D. 57732
(605) 578-1903

c/o Lerch Brothers
4th Ave. W. at Grant St.
Hibbing, Minn. 55746
(218) 262-5003

136 Industrial Road
Whitehorse, Yukon Territory
Y1A 2V1
(403) 667-6523

6631 Wes Way
Anchorage, Ak. 99518
(907) 561-0909

Please analyze by **Assay (% ore grade)** ☒ **Geochemical (ppm, trace level)** ☐

Comments Af. FIRE

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
Drill Cuttings	3	R91-775 110-115;	Au	
		120-125; 125-130		
	2	R91-773 60-65;		
		75-80		
	1	R91-776 195-200	~~Au~~ Au	

Total No. Samples 6 Date Shipped 8/30/91 Prepaid ☑ Collect ☐

No. Parcels in Shipment 2 Date Rec'd at ~~Bondar-Clegg~~

PLEASE CHECK ✓ BELOW

REJECTS
(COARSE OVERSIZE)

Free storage for 60 days and then discarded unless marked below.

Return immediately ☐

Return collect after 60 days ☐

Store to January at a cost of $10/box (approx. 1 cu. ft.) ☐
(You will then be contacted)

PULPS

Free storage until year end and then discarded unless marked below.

Return collect immediately ☐

Return collect at year end ☒

Results and Invoices To Be Sent To

Rod MacLeod
c/o Brohm Mining Corp.
P.O. Box 485
Deadwood, SD 57732

☒ Results
☒ Invoice (for payment)

☐ Results
☐ Invoice (copy)

☐ Results
☐ Invoice (copy)

Samples submitted by R.J. MacLeod

Shipment number

Client project number

Purchase order number

Printed in Canada

White - Send with Samples Yellow - Client Copy

****
* DrillHole : R91-775 *
****

---------- COLLAR DATA ----------

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27125.28	44449.73	5545.88	270.00	-44.00	230.00	8/29/91	IVI	BUGGY

---------- SURVEY DATA ----------

FROM	-TO-	LENGTH	AZIMUTH	DIP

---------- ASSAY DATA ----------

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.005	0.005	60.	3.
5.00	10.00	5.00	0.002	0.002	60.	3.
10.00	15.00	5.00	0.005	0.005	60.	3.
15.00	20.00	5.00	0.003	0.003	60.	3.
20.00	25.00	5.00	0.004	0.004	60.	3.
25.00	30.00	5.00	0.006	0.006	60.	3.
30.00	35.00	5.00	0.004	0.004	60.	3.
35.00	40.00	5.00	0.004	0.004	60.	3.
40.00	45.00	5.00	0.005	0.005	60.	3.
45.00	50.00	5.00	0.003	0.003	60.	3.
50.00	55.00	5.00	0.009	0.009	60.	3.
55.00	60.00	5.00	0.003	0.003	60.	3.
60.00	65.00	5.00	0.006	0.006	60.	3.
65.00	70.00	5.00	0.008	0.008	60.	3.
70.00	75.00	5.00	0.005	0.005	60.	3.
75.00	80.00	5.00	0.011	0.011	60.	3.
80.00	85.00	5.00	0.020	0.020	60.	3.
85.00	90.00	5.00	0.018	0.018	60.	3.
90.00	95.00	5.00	0.016	0.016	60.	3.
95.00	100.00	5.00	0.022	0.022	60.	3.
100.00	105.00	5.00	0.011	0.011	60.	3.
105.00	110.00	5.00	0.008	0.008	60.	3.
110.00	115.00	5.00	0.011	0.011	60.	3.
115.00	120.00	5.00	0.007	0.007	60.	3.
120.00	125.00	5.00	0.021	0.021	60.	3.
125.00	130.00	5.00	0.011	0.011	60.	3.
130.00	135.00	5.00	0.009	0.009	60.	3.
135.00	140.00	5.00	0.006	0.006	60.	3.
140.00	145.00	5.00	0.008	0.008	60.	3.
145.00	150.00	5.00	0.012	0.012	60.	3.
150.00	155.00	5.00	0.015	0.015	60.	3.
155.00	160.00	5.00	0.015	0.015	60.	3.
160.00	165.00	5.00	0.013	0.013	60.	3.
165.00	170.00	5.00	0.030	0.030	60.	3.
170.00	175.00	5.00	0.018	0.018	60.	3.
175.00	180.00	5.00	0.037	0.037	60.	3.
180.00	185.00	5.00	0.016	0.016	60.	3.
185.00	190.00	5.00	0.005	0.005	60.	3.
190.00	195.00	5.00	0.003	0.003	60.	2.
195.00	200.00	5.00	0.001	0.001	80.	1.
200.00	205.00	5.00	0.000	0.000	80.	1.
205.00	210.00	5.00	0.000	0.000	80.	1.
210.00	215.00	5.00	0.000	0.000	80.	1.
215.00	220.00	5.00	0.000	0.000	80.	1.
220.00	225.00	5.00	0.000	0.000	80.	1.
225.00	230.00	5.00	0.001	0.001	80.	1.

$\bar{x} = .010$

$\bar{x} = .020$

$\bar{x} = .014$

```
"TITLE 19-09-91 17:34:07 R91-11998.4   MACLEOD                11/09/91"
"CLIENT BROHM MINING CORPORATION                                       "
"PROJECT NONE GIVEN      #SAMPLES:   93 REFERENCE: R91-774,775,776                 "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   93 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=P      PREPARED PULP       "
"  41 P68=  93           AS RECEIVED, NO SP  "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19980001" "P" "4" "R91-774 85-90       "    0.012
"19980002" "P" "4" "R91-774 90-95       "    0.024
"19980003" "P" "4" "R91-774 95-100      "    0.067
"19980004" "P" "4" "R91-774 100-105     "    0.008
"19980005" "P" "4" "R91-774 105-110     "    0.004
"19980006" "P" "4" "R91-774 110-115     "    0.012
"19980007" "P" "4" "R91-774 115-120     "    0.015
"19980008" "P" "4" "R91-774 120-125     "    0.006
"19980009" "P" "4" "R91-774 125-130     "    0.029
"19980011" "P" "4" "R91-774 130-135     "    0.012
"19980012" "P" "4" "R91-774 135-140     "    0.008
"19980013" "P" "4" "R91-774 140-145     "    0.019
"19980014" "P" "4" "R91-774 145-150     "    0.015
"19980015" "P" "4" "R91-774 150-155     "    0.013
"19980016" "P" "4" "R91-774 155-160     "    0.015
"19980017" "P" "4" "R91-774 160-165     "    0.011
"19980018" "P" "4" "R91-774 165-170     "    0.014
"19980019" "P" "4" "R91-774 170-175     "    0.050
"19980020" "P" "4" "R91-775 60-65       "    0.008
"19980021" "P" "4" "R91-775 65-70       "    0.008
"19980022" "P" "4" "R91-775 70-75       "    0.005
"19980025" "P" "4" "R91-775 75-80       "    0.011
"19980026" "P" "4" "R91-775 80-85       "    0.020
"19980027" "P" "4" "R91-775 85-90       "    0.018
"19980028" "P" "4" "R91-775 90-95       "    0.016
"19980029" "P" "4" "R91-775 95-100      "    0.022
"19980030" "P" "4" "R91-775 100-105     "    0.011
"19980031" "P" "4" "R91-775 105-110     "    0.008
"19980032" "P" "4" "R91-775 110-115     "    0.010
"19980033" "P" "4" "R91-775 115-120     "    0.007
"19980034" "P" "4" "R91-775 120-125     "    0.019
"19980036" "P" "4" "R91-775 125-130     "    0.017
"19980037" "P" "4" "R91-775 130-135     "    0.009
"19980038" "P" "4" "R91-775 135-140     "    0.006
"19980039" "P" "4" "R91-775 140-145     "    0.008
"19980040" "P" "4" "R91-775 145-150     "    0.012
"19980041" "P" "4" "R91-775 150-155     "    0.015
"19980042" "P" "4" "R91-775 155-160     "    0.015
"19980043" "P" "4" "R91-775 160-165     "    0.013
"19980044" "P" "4" "R91-775 165-170     "    0.030
"19980045" "P" "4" "R91-775 170-175     "    0.018
"19980046" "P" "4" "R91-775 175-180     "    0.037
"19980049" "P" "4" "R91-775 180-185     "    0.016
"19980050" "P" "4" "R91-775 185-190     "    0.005
"19980051" "P" "4" "R91-776 5-10        "    0.022
"19980052" "P" "4" "R91-776 10-15       "    0.010
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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: R91-119017.4 (COMPLETE)

DATE PRINTED: 11-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R91-773 60-65		0.042
Z2 R91-773 75-80		0.007
Z2 R91-775 110-115		0.011
Z2 R91-775 120-125		0.021
Z2 R91-775 125-130		0.011
Z2 R91-776 195-200		0.011

Pit-Bench-Pattern # R91-775

Exploration

BLAST HOLE

Hot HoCN Shake and FIRE DETERMINATIONS

C

DATE: 8-30

NAME: MM

Submittal Date 8-29-91

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	0 - 5		.005	25.	Standard ✓		.016
2.	5/10		.002	26.	100/105	B.C.	.009
3.	10/15		.005	27.	105/110		.007
4.	15/20		.003	28.	110/115		.006
5.	20/25		.004	29.	115/120		.005
6.	25/30		.006	30.	120/125		.020
7.	30/35		.004	31.	125/130		.013
8.	Standard ✓		.015	32.	130/135		.008
9.	35/40		.004	33.			
10.	✓7		.026	34.			
11.	40/45		.005	35.	135/140		.007
12.	45/50		.003	36.	140/145		.007
13.	50/55		.009	37.	145/150		.017
14.	55/60		.003	38.	150/155		.017
15.	60/65	B.C.	.005	39.	155/160		.012
16.				40.	160/165		.009
17.				41.	165/170		.021
18.	65/70	B.C	.007	42.	Standard ✓		.015
19.	70/75		.004	43.	170/175	B.C.	.012
20.	75/80		.009	44.	175/180		.027
21.	80/85		.022	45.	180/185		.014
22.	85/90		.017	46.	185/190	B.C.	.003
23.	90/95		.011	47.	190/195		.003
24.	95/100		.023	48.	195/200 (1)		.001
				49	195/200 (2)		.21P

Pit-Bench-Pattern #
R91-725
Submittal Date
8/30/91

BLAST HOLE

Hot HoCN Shake and FIRE DETERMINATIONS

DATE: 9/3/91
NAME: TS

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	200-205		nil	25.	Standard ✓		
2.	205-210		nil	26.			
3.	210-215		nil	27.			
4.	215-220		nil	28.			
5.	220-225		nil	29.			
6.	225-230		.001	30.			
7.				31.			
8.	Standard ✓			32.			
9.				33.			
10.				34.			
11.				35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

Pit-Bench-Pattern # R91-775 Exploration

Submittal Date 8-29-91

BLAST HOLE

Hot ReCH Blank and FIRE DETERMINATIONS

C

DATE: 8-30

NAME: MM

	SAMPLE	FIRE Au.	ReCH Au.		SAMPLE	FIRE Au.	ReCH Au.
1.	0-5		.005	25.	Standard ✓		.016
2.	5/10		.002	26.	100/105		.009
3.	10/15		.005	27.	105/110		.007
4.	15/20		.003	28.	110/115		.006
5.	20/25		.004	29.	115/120		.005
6.	25/30		.006	30.	120/125		.020
7.	30/35		.004	31.	125/130		.013
8.	Standard ✓		.015	32.	130/135		.008
9.	35/40		.004	33.			
10.	✓7		.026	34.			
11.	40/45		.005	35.	135/140		.007
12.	45/50		.003	36.	140/145		.007
13.	50/55		.009	37.	145/150		.017
14.	55/60		.003	38.	150/155		.017
15.	60/65		.005	39.	155/160		.012
16.				40.	160/165		.009
17.				41.	165/170		.021
18.	65/70		.007	42.	Standard ✓		.015
19.	70/75		.004	43.	170/175		.012
20.	75/80		.009	44.	175/180		.027
21.	80/85		.022	45.	180/185		.014
22.	85/90		.017	46.	185/190		.003
23.	90/95		.011	47.	190/195		.003
24.	95/100		.023	48.	195/200		.001
				49	195/200		ZIP

Pit-Bench-Pattern #
R91 - 776

Submittal Date
8/30/91

BLAST HOLE

Hot HaCN Shake and FIRE DETERMINATIONS

DATE: 9/3/91

NAME: 93

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	0 - 5		.007	25.	Standard ✓		.015
2.	5 - 10	B.C.	.024	26.	100 - 105	B.C.	.011
3.	10 - 15		.005	27.	105 - 110		.009
4.	15 - 20		.004	28.	110 - 115		.008
5.	20 - 25		.004	29.	115 - 120		.005
6.	25 - 30		.005	30.	120 - 125		.008
7.	30 - 35		.007	31.	125 - 130		.009
8.	Standard ✓		.015	32.	130 - 135		.006
9.	35 - 40	B.C.	.028	33.			
10.	L-7		.027	34.			
11.	40 - 45	B.C.	.032	35.	135 - 140		.010
12.	45 - 50		.023	36.	140 - 145	B.C.	.003
13.	50 - 55		.027	37.	145 - 150		.003
14.	55 - 60		.071	38.	150 - 155		.004
15.	60 - 65		.033	39.	155 - 160		.003
16.				40.	160 - 165		.004
17.				41.	165 - 170		.005
18.	65 - 70		.006	42.	Standard ✓		.015
19.	70 - 75		.004	43.	170 - 175	B.C.	.004
20.	75 - 80		.004	44.	175 - 180		.009
21.	80 - 85		.055	45.	180 - 185		.015
22.	85 - 90		.045	46.	185 - 190-1		.010
23.	90 - 95		.020	47.	185 - 190-2		.011
24.	95 - 100		.008	48.			

Pit-Bench-Pattern #
R91-776

Submittal Date
8/30/91

(4)

BLAST HOLE

Hot HaCN Shake and FIRE DETERMINATIONS

DATE: 9/3/91

NAME: 95

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	190 - 195		.006	25.	Standard ✓		
2.	195 - 200		.013	26.			
3.	200 - 205		.004	27.			
4.	205 - 210		.001	28.			
5.	210 - 215		.003	29.			
6.	215 - 220		.008	30.			
7.	220 - 225		.006	31.			
8.	Standard ✓		.015	32.			
9.	225 - 230		.012	33.			
10.	-7		.025	34.			
11.	230 - 235		.010	35.			
12.	235 - 240		.004	36.			
13.	240 - 245		.005	37.			
14.	245 - 250-1		.004	38.			
15.	245 - 250-2		.005	39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

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: R91-11907.4 (COMPLETE)

DATE PRINTED: 11-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R91-773 60-65		0.042
Z2 R91-773 75-80		0.007
Z2 R91-775 110-115		0.011
Z2 R91-775 120-125		0.021
Z2 R91-775 125-130		0.011
Z2 R91-776 195-200		0.011

```
"TITLE 19-09-91 17:34:07 R91-11998.4   MACLEOD                11/09/91"
"CLIENT BROHM MINING CORPORATION                                       "
"PROJECT NONE GIVEN      #SAMPLES:   93 REFERENCE: R91-774,775,776     "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au    FA       OPT   93 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=P      PREPARED PULP       "
"  41 P68=  93           AS RECEIVED, NO SP  "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19980001" "P" "4" "R91-774 85-90       "    0.012
"19980002" "P" "4" "R91-774 90-95       "    0.024
"19980003" "P" "4" "R91-774 95-100      "    0.067
"19980004" "P" "4" "R91-774 100-105     "    0.008
"19980005" "P" "4" "R91-774 105-110     "    0.004
"19980006" "P" "4" "R91-774 110-115     "    0.012
"19980007" "P" "4" "R91-774 115-120     "    0.015
"19980008" "P" "4" "R91-774 120-125     "    0.006
"19980009" "P" "4" "R91-774 125-130     "    0.029
"19980011" "P" "4" "R91-774 130-135     "    0.012
"19980012" "P" "4" "R91-774 135-140     "    0.008
"19980013" "P" "4" "R91-774 140-145     "    0.019
"19980014" "P" "4" "R91-774 145-150     "    0.015
"19980015" "P" "4" "R91-774 150-155     "    0.013
"19980016" "P" "4" "R91-774 155-160     "    0.015
"19980017" "P" "4" "R91-774 160-165     "    0.011
"19980018" "P" "4" "R91-774 165-170     "    0.014
"19980019" "P" "4" "R91-774 170-175     "    0.050
"19980020" "P" "4" "R91-775 60-65       "    [illegible]
"19980021" "P" "4" "R91-775 65-70       "    0.008
"19980022" "P" "4" "R91-775 70-75       "    0.005
"19980025" "P" "4" "R91-775 75-80       "    0.011
"19980026" "P" "4" "R91-775 80-85       "    0.020
"19980027" "P" "4" "R91-775 85-90       "    0.018
"19980028" "P" "4" "R91-775 90-95       "    0.016
"19980029" "P" "4" "R91-775 95-100      "    0.022
"19980030" "P" "4" "R91-775 100-105     "    0.011
"19980031" "P" "4" "R91-775 105-110     "    0.008
"19980032" "P" "4" "R91-775 110-115     "    0.010
"19980033" "P" "4" "R91-775 115-120     "    0.007
"19980034" "P" "4" "R91-775 120-125     "    0.019
"19980036" "P" "4" "R91-775 125-130     "    0.017
"19980037" "P" "4" "R91-775 130-135     "    0.009
"19980038" "P" "4" "R91-775 135-140     "    0.006
"19980039" "P" "4" "R91-775 140-145     "    0.008
"19980040" "P" "4" "R91-775 145-150     "    0.012
"19980041" "P" "4" "R91-775 150-155     "    0.015
"19980042" "P" "4" "R91-775 155-160     "    0.015
"19980043" "P" "4" "R91-775 160-165     "    0.013
"19980044" "P" "4" "R91-775 165-170     "    0.030
"19980045" "P" "4" "R91-775 170-175     "    0.018
"19980046" "P" "4" "R91-775 175-180     "    0.037
"19980049" "P" "4" "R91-775 180-185     "    0.016
"19980050" "P" "4" "R91-775 185-190     "    0.005
"19980051" "P" "4" "R91-776 5-10        "    0.022
"19980052" "P" "4" "R91-776 10-15       "    0.010
"19980053" "P" "4" "R91-776 15-20       "    0.006
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"19980054"	"P"	"4"	"R91-776	20-25	"	0.004
"19980055"	"P"	"4"	"R91-776	25-30	"	0.005
"19980056"	"P"	"4"	"R91-776	30-35	"	0.012
"19980057"	"P"	"4"	"R91-776	35-40	"	0.031
"19980058"	"P"	"4"	"R91-776	40-45	"	0.045
"19980059"	"P"	"4"	"R91-776	45-50	"	0.025
"19980061"	"P"	"4"	"R91-776	50-55	"	0.036
"19980062"	"P"	"4"	"R91-776	55-60	"	0.068
"19980063"	"P"	"4"	"R91-776	60-65	"	0.048
"19980064"	"P"	"4"	"R91-776	65-70	"	0.007
"19980065"	"P"	"4"	"R91-776	70-75	"	0.005
"19980066"	"P"	"4"	"R91-776	75-80	"	0.004
"19980067"	"P"	"4"	"R91-776	80-85	"	0.052
"19980068"	"P"	"4"	"R91-776	85-90	"	0.042
"19980069"	"P"	"4"	"R91-776	90-95	"	0.021
"19980070"	"P"	"4"	"R91-776	95-100	"	0.010
"19980073"	"P"	"4"	"R91-776	100-105	"	0.011
"19980074"	"P"	"4"	"R91-776	105-110	"	0.008
"19980075"	"P"	"4"	"R91-776	110-115	"	0.011
"19980076"	"P"	"4"	"R91-776	115-120	"	0.006
"19980077"	"P"	"4"	"R91-776	120-125	"	0.009
"19980078"	"P"	"4"	"R91-776	125-130	"	0.010
"19980079"	"P"	"4"	"R91-776	130-135	"	0.006
"19980080"	"P"	"4"	"R91-776	135-140	"	0.010
"19980081"	"P"	"4"	"R91-776	140-145	"	0.005
"19980082"	"P"	"4"	"R91-776	145-150	"	0.004
"19980083"	"P"	"4"	"R91-776	150-155	"	0.005
"19980084"	"P"	"4"	"R91-776	155-160	"	0.003
"19980086"	"P"	"4"	"R91-776	160-165	"	0.012
"19980087"	"P"	"4"	"R91-776	165-170	"	0.005
"19980088"	"P"	"4"	"R91-776	170-175	"	0.004
"19980089"	"P"	"4"	"R91-776	175-180	"	0.009
"19980090"	"P"	"4"	"R91-776	180-185	"	0.012
"19980091"	"P"	"4"	"R91-776	185-190	"	0.010
"19980092"	"P"	"4"	"R91-776	190-195	"	0.007
"19980093"	"P"	"4"	"R91-776	195-200	"	0.012
"19980094"	"P"	"4"	"R91-776	200-205	"	0.007
"19980097"	"P"	"4"	"R91-776	205-210	"	0.005
"19980098"	"P"	"4"	"R91-776	210-215	"	0.006
"19980099"	"P"	"4"	"R91-776	215-220	"	0.009
"19980100"	"P"	"4"	"R91-776	220-225	"	0.007
"19980101"	"P"	"4"	"R91-776	225-230	"	0.012
"19980102"	"P"	"4"	"R91-776	230-235	"	0.010
"19980103"	"P"	"4"	"R91-776	235-240	"	0.007
"19980104"	"P"	"4"	"R91-776	240-245	"	0.010
"19980105"	"P"	"4"	"R91-776	245-250	"	0.012

"END"

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*************************
*  DrillHole : R91-776  *
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COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27073.35	44402.05	5557.98	270.00	-45.00	250.00	8/29/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.007	0.007	1.	3.
5.00	10.00	5.00	0.022	0.022	60.	3.
10.00	15.00	5.00	0.010	0.010	60.	3.
15.00	20.00	5.00	0.006	0.006	60.	3.
20.00	25.00	5.00	0.004	0.004	60.	3.
25.00	30.00	5.00	0.005	0.005	60.	3.
30.00	35.00	5.00	0.012	0.012	30.	3.
35.00	40.00	5.00	0.031	0.031	30.	2.
40.00	45.00	5.00	0.045	0.045	30.	2.
45.00	50.00	5.00	0.025	0.025	30.	3.
50.00	55.00	5.00	0.036	0.036	30.	3.
55.00	60.00	5.00	0.068	0.068	40.	3.
60.00	65.00	5.00	0.048	0.048	40.	3.
65.00	70.00	5.00	0.007	0.007	70.	3.
70.00	75.00	5.00	0.005	0.005	70.	3.
75.00	80.00	5.00	0.004	0.004	60.	3.
80.00	85.00	5.00	0.052	0.052	60.	3.
85.00	90.00	5.00	0.042	0.042	40.	3.
90.00	95.00	5.00	0.021	0.021	40.	3.
95.00	100.00	5.00	0.010	0.010	40.	3.
100.00	105.00	5.00	0.011	0.011	70.	3.
105.00	110.00	5.00	0.008	0.008	70.	3.
110.00	115.00	5.00	0.011	0.011	70.	3.
115.00	120.00	5.00	0.006	0.006	70.	3.
120.00	125.00	5.00	0.009	0.009	70.	3.
125.00	130.00	5.00	0.010	0.010	80.	3.
130.00	135.00	5.00	0.006	0.006	80.	3.
135.00	140.00	5.00	0.010	0.010	80.	3.
140.00	145.00	5.00	0.005	0.005	80.	2.
145.00	150.00	5.00	0.004	0.004	80.	1.
150.00	155.00	5.00	0.005	0.005	80.	1.
155.00	160.00	5.00	0.003	0.003	80.	2.
160.00	165.00	5.00	0.012	0.012	80.	2.
165.00	170.00	5.00	0.005	0.005	80.	3.
170.00	175.00	5.00	0.004	0.004	80.	3.
175.00	180.00	5.00	0.009	0.009	80.	3.
180.00	185.00	5.00	0.012	0.012	80.	3.
185.00	190.00	5.00	0.010	0.010	80.	3.
190.00	195.00	5.00	0.007	0.007	80.	3.
195.00	200.00	5.00	0.012	0.012	80.	3.
200.00	205.00	5.00	0.007	0.007	80.	2.
205.00	210.00	5.00	0.005	0.005	80.	2.
210.00	215.00	5.00	0.006	0.006	80.	2.
215.00	220.00	5.00	0.009	0.009	80.	2.
220.00	225.00	5.00	0.007	0.007	80.	2.
225.00	230.00	5.00	0.012	0.012	80.	2.
230.00	235.00	5.00	0.010	0.010	80.	2.

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*  DrillHole : R91-776  *
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---------- ASSAY DATA CONTINUED ----------

OM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
235.00	240.00	5.00	0.007	0.007	80.	2.
240.00	245.00	5.00	0.010	0.010	80.	1.
245.00	250.00	5.00	0.012	0.012	80.	1.

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

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776

Geochemical Lab Report

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: R91-11998.4 (COMPLETE)

REFERENCE INFO: R91-774,775,776

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: MACLEOD
DATE PRINTED: 20-SEP-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	93	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	93	4 AS REC'D	93	AS RECEIVED, NO SP	93

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

Payment Approved 10/1/91

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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DATE PRINTED: 20-SEP-91
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-774 85 90		0.012
P4 R91-774 90-95		0.024
P4 R91-774 95-100		0.067
P4 R91-774 100 105		0.008
P4 R91-774 105-110		0.004
P4 R91-774 110-115		0.012
P4 R91-774 115-120		0.015
P4 R91-774 120-125		0.006
P4 R91-774 125-130		0.029
P4 R91-774 130-135		0.012
P4 R91-774 135-140		0.008
P4 R91-774 140-145		0.019
P4 R91-774 145-150		0.015
P4 R91-774 150-155		0.013
P4 R91-774 155-160		0.015
P4 R91-774 160 165		0.011
P4 R91-774 165-170		0.014
P4 R91-774 170 175		0.050
P4 R91-775 60 65		0.006
P4 R91-775 65-70		0.008
P4 R91-775 70 75		0.005
P4 R91-775 75 80		0.011
P4 R91-775 80-85		0.020
P4 R91-775 85-90		0.018
P4 R91-775 90-95		0.016
P4 R91-775 95 100		0.022
P4 R91-775 100 105		0.015
P4 R91-775 105-110		0.006
P4 R91-775 110-115		0.010 $\bar{x}$ = .010
P4 R91-775 115-120		0.007
P4 R91-775 120 125		0.019 $\bar{x}$ = .020
P4 R91-775 125-130		0.017 $\bar{x}$ = .014
P4 R91-775 130 135		0.009
P4 R91-775 135-140		0.006
P4 R91-775 140 145		0.008
P4 R91-775 145 150		0.012
P4 R91-775 150-155		0.015
P4 R91-775 155-160		0.015
P4 R91-775 160-165		0.013
P4 R91-775 165-170		0.030
P4 R91-775 170-175		0.018
P4 R91-775 175-180		0.037
P4 R91-775 180-185		0.016
P4 R91-775 185-190		0.005
P4 R91-776 5 10		0.022
P4 R91-776 10-15		0.010
P4 R91-776 15-20		0.006
P4 R91-776 20 25		0.004
P4 R91-776 25-30		0.005
P4 R91-776 30-35		0.012
P4 R91-776 35 40		0.031
P4 R91-776 40-45		0.045
P4 R91-776 45 50		0.025
P4 R91-776 50-55		0.036
P4 R91-776 55 60		0.068
P4 R91-776 60 65		0.048
P4 R91-776 65 70		0.007
P4 R91-776 70 75		0.005
P4 R91-776 75 80		0.004
P4 R91-776 80 85		0.052
P4 R91-776 85 90		0.042
P4 R91-776 90 95		0.021
P4 R91-776 95 100		0.010
P4 R91-776 100 105		0.011
P4 R91-776 105 110		0.008
P4 R91-776 110 115		0.011
P4 R91-776 115 120		0.006
P4 R91-776 120 125		0.009
P4 R91-776 125 130		0.010
P4 R91-776 130-135		0.006
P4 R91-776 135 140		0.010
P4 R91-776 140 145		0.005
P4 R91-776 145-150		0.004
P4 R91-776 150 155		0.005
P4 R91-776 155 160		0.003
P4 R91-776 160 165		0.012
P4 R91-776 165-170		0.005
P4 R91-776 170-175		0.004
P4 R91-776 175-180		0.009
P4 R91-776 180-185		0.012

Bondar-Clegg, Inc.
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BONDAR-CLEGG

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REPORT: R91-11998.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-776 185-190		0.010
P4 R91-776 190-195		0.007
P4 R91-776 195-200		0.012 — $\bar{x}$ = .012
P4 R91-776 200-205		0.007
P4 R91-776 205-210		0.005
P4 R91-776 210-215		0.006
P4 R91-776 215-220		0.009
P4 R91-776 220-225		0.007
P4 R91-776 225-230		0.012
P4 R91-776 230-235		0.010
P4 R91-776 235-240		0.007
P4 R91-776 240-245		0.010
P4 R91-776 245-250		0.012

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PROJECT: NONE GIVEN PAGE 3

STANDARD NAME	ELEMENT UNITS	Au OPT
AU ASSAY STD		0.156
AU ASSAY STD		0.151
Number of Analyses		2
Mean Value		0.1535
Standard Deviation		0.00353
Accepted Value		0.150
ANALYTICAL BLANK		<0.002
ANALYTICAL BLANK		<0.002
Number of Analyses		2
Mean Value		0.0010
Standard Deviation		0.00000
Accepted Value		0.002
AU PULP STD		0.188
Number of Analyses		1
Mean Value		0.1880
Standard Deviation		-
Accepted Value		0.184

Bondar-Clegg, Inc.
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

DATE PRINTED: 20-SEP-91

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PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
R91-774 125-130		0.029			
Duplicate		0.027			
R91-775 60-65		0.006			
Duplicate		0.006			
R91-775 120-125		0.019			
Duplicate		0.015			
R91-775 170-175		0.018			
Duplicate		0.017			
R91-776 45-50		0.025			
Duplicate		0.030			
R91-776 95-100		0.010			
Duplicate		0.011			
R91-776 100-105		0.011			
Duplicate		0.011			
R91-776 155-160		0.003			
Duplicate		0.005			
R91-776 210-215		0.006			
Duplicate		0.006			

DRILL CUTTING LOG

Contractor: Douglas Exploration
Drill Type: I.V.E. Buggy (RVC)
Hole Size: 4½"
Collar Elev.: 5557.98'
Coordinates: 44402.05 N 27073.35 E
Casing Depth:
Bearing: due W. Inclination: -45°
Final Depth: 250'
Project: SE Langley Oxide Exp.
State: SD
Date Started: 8-29-91 ~2:45pm
Date Completed: 8-30-91 11:30Am
Hole No.: R91-776
Sheet 1 of 2
Property: Gilt Edge
Hole Surveyed: No

Logged by: R.J. MacLeod 9/5/91

PY est. by MRZ 10-31-96

Distance (feet)	Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution, Massive, Disseminated, Veinlet, Replacement	Type	Au (CN/AA)	Au (FIRE)
			1	3	0-5	Oxide	Fill	0-5 Fill, colluvium of Edh & Tqtp	0-35 Oxide (No visible sulfides)		.007	
							Ttp	5-30 TRACHYTE PORPHYRY			.024	.022
								Light grey to ORG BRN FeOx stnd			.005	.010
					20-25						.004	.006
											.004	.004
							Edh	30-55 DEADWOOD FORMATION			.005	.005
						.5%		HORNFELS Very fine grnd "pein."	35-45 Mix, tr-1% fg. dissm.		.007	.012
				2		.5%		stnd by red + ORG BRN FeOx	pyrite		.028	.031
				3	45-50	0%		Conchoidal fctrng	45-140 OXIDE		.032	.045
			40				Edq	55-65 Amph Deadwood Quartzite,			.023	.025
			40					extremely fragl. TAN, reddish MARON			.027	.036
			70				Tbxc	FeOx stained.			.071	.068
			70		70-75		Tbxc	65-75 BRECCIA - Angl clasts of Ttp + Edh			.038	.048
			60				Ttp	75-85 TRACHYTE PORPHYRY			.006	.007
			60				Ttp				.004	.005
			40				Edq	85-100 DEADWOOD FORMATION QUARTZITE			.004	.004
			40								.055	.052
			40		95-100						.045	.042
			70				Tbxc	100-125 BRECCIA			.020	.021
								Strongly altered (potassically) clast			.008	.010
								Supported Breccia - Clasts of Ttp			.011	.011
											.009	.008
					120-125						.008	.011
			80				Tqtp	125-250 QUARTZ TRACHYTE PORPHYRY			.005	.006
											.008	.009
								very fine to fine grained porphyritic			.005	.010
								125-170			.006	.006
				2		.5%					.010	.010
				1	145-150	.8%			140-145 MIX ½% FeS2 Mod FeOx		.003	.005
				1		.8%			145-155 SULPHIDE		.003	.004
				2		.5%			½-1% FeS2 tr to nil FeOx		.004	.005
				2		.5%			155-165 MIX ½% FeS2		.003	.003
				3		0%			w/ Lt to Mod FeOx		.004	.012
					170-175	0%		170-240 Mod to Strong FeOx stain.	165-200 OXIDE		.005	.005
											.004	.004

Duplicate (Reject) FIRE

Contractor _____ Coordinates _____ Project OXIDE EXPLORATION Hole No. RGI-776

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

Hole Size _____ Bearing W Inclination -45° Date Started _____ Property GILT EDGE

Collar Elev. _____ Final Depth 250' Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS				DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION, TYPE (Massive, Disseminated, Veinlets, Replacement)	ASSAY Au / Ag
			80	3	175-180	0%	Tqtp	QUARTZ TRACHYTE PORP. CONT	OXIDE CONT.	.009 / .009
								med to crse grnd porphyritic		.015 / .012
										.010 / .010
										.006 / .007
					195-200					.013 / .012 .011
				2		.1%			200 - 240 MIX	.004 / .007
									Tr FeS2 75-70% q	.001 / .005
									Chips Det. Stnd by FeOx	.003 / .006
										.008 / .009
					220-225					.006 / .007
										.012 / .012
										.010 / .010
				2						.004 / .007
				1		1.3%			240 - 250 SULPHIDE	.005 / .010
				1	245-250	1.3%			1/2 to 2% FeS2 to to N.I	.004 / .012
								250 FEET END OF HOLE	FeOx	

DRILL CUTTING LOG

Logged by: R. J. MacLeod 9/5/91