Contractor: LANG | Coordinates: 45136.62 27844.75 201 | Project: HOODO CONDEM. | Hole No.: R89-551

Drill Type: | Casing Depth: | State: SD | Sheet 1 of 10

Hole Size: | Bearing: — | Inclination: 90 | Date Started: 1-10-89 | Property: GILT EDGE

Collar Elev.: 5404.0 | Final Depth: 1250' / 1630' | Date Completed: 1-14-89 | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Strong)	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 Au	ASSAY Ag
			11	3	0-5		FILL	0-35 FILL of TKP	0-45 OXIDE		.092	
											tr	
											.067	
											.014	
					20-25						.014	
											.004	
											.005	
			60				TKP	35-1630 TRACHYTE PORPHYRY			.003	
								White phenos, lt. grain matrix;			.009	
				2	45-50			washed; tr-1% secondary	45-55 MIXED oxidation of		.006	
								quartz, disseminated in matrix	phenos		.004	
				1					55-545' SULFIDE 2-3% FeS2		.013	
											.007	
											.010	
					70-75						.012	
											.011	
											.036	
											tr	
											.033	
					95-100						.056	
											.019	
											.013	
											.025	
											.016	
					120-125						.015	
											.037	
											.026	
											.045	
											.040	
					145-150						.024	
									(150-265) 1-2% FeS2		.075	
											.037	
											.027	
											.025	
					170-175						.021	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 10

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

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

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)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY: Au	Ag
			60	/	175-180		Tkp				.029	
											.020	
											.028	
											.028	
					195-200						.007	
											.014	
											.009	
											.017	
											.012	
					220-225						.011	
											.015	
											.031	
											.025	
											.025	
					245-250						.019	
											.012	
											.025	
											.010	
									(265-300) 2-3% FeS2		.026	
					270-275						.026	
											.024	
											.015	
											.028	
											.037	
					295-300						.050	
									(300-425) 1-2% FeS2		.040	
											.022	
											.018	
											.017	
					320-325						.019	
											.031	
											.020	
											.012	
											.010	
					345-350						.028	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 10

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	/	350-355		TEP				.025	
											.022	
											.015	
											.016	
					370-375						.012	
											.005	
											.005	
											.007	
											.007	
					395-400				395 - 400	FRACTURED	.015	
											.014	
											.033	
											.082	
											.086	
					420-425						.043	
									(425 - 430) 7-9% FeS_2		.046	
									(430 - 545) 1-2% FeS_2		.024	
											.071	
											.052	
					445-450						.030	
											.101	
											.062	
											.023	
											.028	
					470-475						.035	
											.011	
											.035	
											.041	
											.064	
					495-500						.077	
											.053	
											.064	
											.023	
											.030	
					520-525						.026	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 10

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

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

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)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	1	525-530		TKP	(525-545) lt. gray matrix		.034	
										.010	
										.007	
										.005	
				2	546-550				545-850 MIXED tr-1% lead oxide dominate.	.020	
										.033	
										.032	
										.019	
										.018	
					570-575					.020	
										.017	
										.014	
										.009	
										.007	
					595-600					.010	
										.010	
										.009	
										.013	
										.013	
					620-625					.009	
										tr	
										tr	
										.006	
										.010	
					645-650					.007	
										.009	
									655-665 FRACTURED	.018	
										.012	
								(665-685) 3-4% PC schist		.015	
					670-675					.027	
										.013	
										.031	
										.014	
									690-710 FRACTURED	.035	
					695-700					.053	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 10

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

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

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)	ELEVATION	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	700-705		TKD			.047	
										.096	
										.047	
										.081	
					720-725					.037	
										.032	
								(730 – 815) matrix lt. gray appears extensive bath → potassic ?; phenos white bleached	(730 – 765) unoxidized chips dominate 1-3% FeS_2 w/ oxides 3-5% of chips.	.034	
										.054	
										.036	
					745-750					.031	
										.029	
										.029	
										.032	
									(765 – 770) 5-7% FeS_2 w/ 3-5% OXIDE.	.035	
					770-775					.042	
									(770 – 790) 1-2% FeS_2 tr-2% OXIDE	.028	
										.0116	
									(790 – 825) 4-6% OXIDE tr-1% FeS_2	.014	
										.015	
					795-800					.012	
										.013	
										.012	
										.012	
								(815 – 900) white matrix ; phenos.		.013	
					820-825					.019	
									(825 – 850) 1-2% FeS_2, 1-2% OXIDE	.017	
										.027	
										.024	
										.046	
					845-850				850 – 975 SULFIDE 2-3% FeS_2	.096	
										.174	
										.186	
										.128	
										.017	
					870-875					.018	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. L89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 10

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

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

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)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement) / TYPE	ASSAY: Au	Ag
			60	1	875-880		Tip			.013	
										.011	
										.009	
										.018	
					895-900					.041	
								(900-1015) white - lt gray matrix		.013	
										.013	
										.016	
										.028	
					920-925					.027	
										.013	
										.019	
										.020	
									(940-960) 3-4% FeS2	.022	
					945-950					.023	
										.020	
										.018	
									(960-975) 4% FeS2	.029	
										.039	
					970-975					.019	
									975-1000 SULFIDE 2-3% FeS2	.128	
									lt-3% oxide on matrix	.058	
										.021	
										.011	
					995-1000					.012	
									1000-1160 SULFIDE 2-3% FeS2	.022	
										.014	
									(1010-1015) 3-4% FeS2	.018	
								(1015-1155) lt. gray to white matrix	(1015-1105) 2-3% FeS2	.011	
					1020-1025					.018	
										.009	
										.007	
										.010	
										.015	
					1045-1050					.025	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 7 of 10

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement) TYPE	ASSAY Au	ASSAY Ag
			60	1	1050-1055		Ttp			.017	
										.013	
										.015	
										.014	
					1070-1075					.019	
										.029	
										.019	
										.018	
										.006	
					1095-1100					.009	
										.011	
									(1105 - 1120) 3-4% FeS_2	.010	
										.009	
										.023	
					1120-1125				(1120 - 1160) 1-2% FeS_2	.019	
										.024	
										.018	
										.021	
										.011	
					1145-1150					.009	
										.010	
										.009	
					2				1160 - 1195 MIXED 3-4% OXIDE	.000	
									dominately of matrix;	.007	
					1170-1175				tr FeS_2	.010	
										.015	
										.012	
										.032	
										.015	
					1195-1200				1195 - 1225 SULFIDE tr-1% FeS_2	.021	
										.021	
										.046	
										.013	
										.059	
					1220-1225					.060	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 8 of 10

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

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

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)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) TYPE	ASSAY Au	ASSAY Ag
			60	2	1225-1230		Tep		1225-1465 MIXED tr-1% fe2	.026	
									2-3% Oxide dominated,	.036	
									of matrix	.008	
										.011	
					1245-1250					.013	
										.004	
										.004	
										.010	
										.013	
					1270-1275					.014	
										.006	
										.018	
									1285-1300 Highly FRACTURED.	.016	
										.007	
					1295-1300					.006	
										.002	
										tr	
										.004	
										.003	
					1320-1325					.004	
										.060	
										.045	
										.026	
										.016	
					1345-1350					.008	
										.011	
										.012	
										.017	
										.013	
					1370-1375				1390-1425 Highly FRACTURED	.011	
										.009	
										.016	
										.017	
										.010	
					1395-1400					.014	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 9 of 10

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement) TYPE	ASSAY Au	ASSAY Ag
			60	1	1400-1485		Rp			.012	
										.024	
										.030	
										.058	
					1420-1425					.038	
										.033	
										.021	
										.011	
										.006	
					1445-1450					.007	
										.004	
										.010	
										.018	
				1					1465-1630 SULFIDE 1-2% FeS2	.022	
					1470-1475					.086	
										.023	
										.010	
									(1485-1495) 3-5% FeS2	.013	
										.009	
					1495-1500				(1495-1630) 1-2% FeS2	.010	
										.017	
										.009	
										.007	
										.007	
					1520-1525					.010	
									1525-1545 FRACTURED	.017	
										.008	
										.015	
										tr	
					1545-1550					.002	
										.009	
									1555-1560 FRACTURED	tr	
										.006	
										.009	
					1570-1575				1570-1595 FRACTURED	.014	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-551

Drill Type _____ Casing Depth _____ State _____ Sheet 10 of 10

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement)	TYPE	ASSAY: Au	Ag
			60	1	1575-1580		Tep				.024	
											.021	
											.013	
											.015	
					1595-1600						.005	
											.030	
											.028	
									1610-1620	FRACTURED.	.006	
											.007	
					1620-1625						.005	
											tr	

DRILL CUTTING LOG

Logged by:

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1484

BONDAR-CLEGG

Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 499-0093 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 3-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	60	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	60	2 -150	60	Assay Prep	60
				Excessive Wetness	766
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
MR. JIM BARRON

INVOICE TO: MR. JIM BARRON

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 499-0093

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-0-5		0.092	D2 R89-551-200-205		0.014
D2 R89-551-5-10		<0.002	D2 R89-551-205-210		0.009
D2 R89-551-10-15		0.007	D2 R89-551-210-215		0.017
D2 R89-551-15-20		0.014	D2 R89-551-215-220		0.012
D2 R89-551-20-25		0.014	D2 R89-551-220-225		0.011
D2 R89-551-25-30		0.004	D2 R89-551-225-230		0.015
D2 R89-551-30-35		0.005	D2 R89-551-230-235		0.031
D2 R89-551-35-40		0.003	D2 R89-551-235-240		0.025
D2 R89-551-40-45		0.009	D2 R89-551-240-245		0.025
D2 R89-551-45-50		0.006	D2 R89-551-245-250		0.019
D2 R89-551-50-55		0.004	D2 R89-551-250-255		0.012
D2 R89-551-55-60		0.013	D2 R89-551-255-260		0.025
D2 R89-551-60-65		0.007	D2 R89-551-260-265		0.010
D2 R89-551-65-70		0.010	D2 R89-551-265-270		0.026
D2 R89-551-70-75		0.012	D2 R89-551-270-275		0.026
D2 R89-551-75-80		0.011	D2 R89-551-275-280		0.024
D2 R89-551-80-85		0.036	D2 R89-551-280-285		0.015
D2 R89-551-85-90		<0.002	D2 R89-551-285-290		0.028
D2 R89-551-90-95		0.033	D2 R89-551-290-295		0.037
D2 R89-551-95-100		0.056	D2 R89-551-295-300		0.050
D2 R89-551-100-105		0.019			
D2 R89-551-105-110		0.013			
D2 R89-551-110-115		0.025			
D2 R89-551-115-120		0.016			
D2 R89-551-120-125		0.015			
D2 R89-551-125-130		0.037			
D2 R89-551-130-135		0.026			
D2 R89-551-135-140		0.045			
D2 R89-551-140-145		0.040			
D2 R89-551-145-150		0.024			
D2 R89-551-150-155		0.075			
D2 R89-551-155-160		0.037			
D2 R89-551-160-165		0.027			
D2 R89-551-165-170		0.025			
D2 R89-551-170-175		0.021			
D2 R89-551-175-180		0.029			
D2 R89-551-180-185		0.020			
D2 R89-551-185-190		0.028			
D2 R89-551-190-195		0.028			
D2 R89-551-195-200		0.007			

80' @ .025

115' @ .029

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

BONDAR-CLEGG

Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 499-0094 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 3-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	33	0.002 OPT		Fire Assay
2	Au	Gold	1	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	33	2 -150	33	Assay Prep	33
				Excessive Wetness	537
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED. 2 SEPARATE ASSAY RESULTS ARE REPORTED FOR ONE SAMPLE.

REPORT COPIES TO: MR. JIM BARRON
MR. JIM BARRON

INVOICE TO: MR. JIM BARRON

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 499-0094

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT
D2 R89-551-300-305		0.040	
D2 R89-551-305-310		0.022	
D2 R89-551-310-315		0.018	
D2 R89-551-315-320		0.017	
D2 R89-551-320-325		0.019	
D2 R89-551-325-330		0.031	
D2 R89-551-330-335		0.020	
D2 R89-551-335-340		0.012	
D2 R89-551-340-345		0.010	
D2 R89-551-345-350		0.028	
D2 R89-551-350-355		0.025	
D2 R89-551-355-360		0.022	
D2 R89-551-360-365		0.015	
D2 R89-551-365-370		0.016	
D2 R89-551-370-375		0.012	
D2 R89-551-375-380		0.005	
D2 R89-551-380-385		0.005	
D2 R89-551-385-390		0.007	
D2 R89-551-390-395		0.007	
D2 R89-551-395-400		0.015	
D2 R89-551-400-405		0.014	
D2 R89-551-405-410		0.033	
D2 R89-551-410-415		0.082	
D2 R89-551-415-420		0.086	
D2 R89-551-420-425		0.043	
D2 R89-551-425-430		0.046	
D2 R89-551-430-435		0.024	
D2 R89-551-435-440		0.071	
D2 R89-551-440-445		0.071	0.033
D2 R89-551-445-450		0.030	
D2 R89-551-450-455		0.101	
D2 R89-551-455-460		0.062	
D2 R89-551-460-465		0.033	

35' @ .021

.052

125' @ .048

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Bondar-Clegg, Inc.
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(303) 989-1404

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Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

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

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Geochemical Lab Report

REPORT: 499-0096 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 3-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	60	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	60	2 -150	60	Assay Prep	60
				Excessive Wetness	871

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
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Geochemical Lab Report

REPORT: 499-0096

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-465-470		0.028	D2 R89-551-665-670		0.015
D2 R89-551-470-475		0.035	D2 R89-551-670-675		0.027
D2 R89-551-475-480		0.011	D2 R89-551-675-680		0.013
D2 R89-551-480-485		0.035	D2 R89-551-680-685		0.031
D2 R89-551-485-490		0.041	D2 R89-551-685-690		0.014
D2 R89-551-490-495		0.064	D2 R89-551-690-695		0.035
D2 R89-551-495-500		0.077	D2 R89-551-695-700		0.053
D2 R89-551-500-505		0.053	D2 R89-551-700-705		0.047
D2 R89-551-505-510		0.064	D2 R89-551-705-710		0.096
D2 R89-551-510-515		0.023	D2 R89-551-710-715		0.047
D2 R89-551-515-520		0.030	D2 R89-551-715-720		0.081
D2 R89-551-520-525		0.026	D2 R89-551-720-725		0.037
D2 R89-551-525-530		0.034	D2 R89-551-725-730		0.032
D2 R89-551-530-535		0.010	D2 R89-551-730-735		0.034
D2 R89-551-535-540		0.007	D2 R89-551-735-740		0.054
D2 R89-551-540-545		0.005	D2 R89-551-740-745		0.036
D2 R89-551-545-550		0.020	D2 R89-551-745-750		0.031
D2 R89-551-550-555		0.033	D2 R89-551-750-755		0.029
D2 R89-551-555-560		0.032	D2 R89-551-755-760		0.029
D2 R89-551-560-565		0.019	D2 R89-551-760-765		0.032
D2 R89-551-565-570		0.018			
D2 R89-551-570-575		0.020			
D2 R89-551-575-580		0.017			
D2 R89-551-580-585		0.014			
D2 R89-551-585-590		0.009			
D2 R89-551-590-595		0.007			
D2 R89-551-595-600		0.010			
D2 R89-551-600-605		0.010			
D2 R89-551-605-610		0.009			
D2 R89-551-610-615		0.013			
D2 R89-551-615-620		0.013			
D2 R89-551-620-625		0.009			
D2 R89-551-625-630		<0.002			
D2 R89-551-630-635		<0.002			
D2 R89-551-635-640		0.006			
D2 R89-551-640-645		0.010			
D2 R89-551-645-650		0.007			
D2 R89-551-650-655		0.009			
D2 R89-551-655-660		0.018			
D2 R89-551-660-665		0.012			

30' @ .024

110 @ .039

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Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
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57732

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Geochemical Lab Report

REPORT: 499-0098 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 1-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	35	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	35	2 -150	35	Assay Prep	35
				Excessive Wetness	593

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
MR. JIM BARRON

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Geochemical Lab Report

REPORT: 499-0098

PROJECT: NONE LISTED PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-765-770		0.035
D2 R89-551-770-775		0.042
D2 R89-551-775-780		0.028
D2 R89-551-780-785		0.016
D2 R89-551-785-790		0.014
D2 R89-551-790-795		0.015
D2 R89-551-795-800		0.012
D2 R89-551-800-805		0.013
D2 R89-551-805-810		0.012
D2 R89-551-810-815		0.012
D2 R89-551-815-820		0.013
D2 R89-551-820-825		0.019
D2 R89-551-825-830		0.017
D2 R89-551-830-835		0.027
D2 R89-551-835-840		0.024
D2 R89-551-840-845		0.046
D2 R89-551-845-850		0.096
D2 R89-551-850-855		0.174
D2 R89-551-855-860		0.186
D2 R89-551-860-865		0.128
D2 R89-551-865-870		0.017
D2 R89-551-870-875		0.018
D2 R89-551-875-880		0.013
D2 R89-551-880-885		0.011
D2 R89-551-885-890		0.009
D2 R89-551-890-895		0.018
D2 R89-551-895-900		0.041
D2 R89-551-900-905		0.013
D2 R89-551-905-910		0.013
D2 R89-551-910-915		0.016
D2 R89-551-915-920		0.028
D2 R89-551-920-925		0.027
D2 R89-551-925-930		0.013
D2 R89-551-930-935		0.019
D2 R89-551-935-940		0.020

35' @ .097

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Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

Bondar-Clegg, Inc.
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Lakewood, Colorado 80228
(303) 989-1404

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Geochemical Lab Report

REPORT: 499-0100 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 3-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	61	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	61	2 -150	61	Assay Prep	61
				Excessive Wetness	901
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
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INVOICE TO: MR. JIM BARRON

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Geochemical Lab Report

REPORT: 499-0100

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-940-945		0.022
D2 R89-551-945-950		0.023
D2 R89-551-950-955		0.020
D2 R89-551-955-960		0.018
D2 R89-551-960-965		0.029
D2 R89-551-965-970		0.039
D2 R89-551-970-975		0.019
D2 R89-551-975-980		0.128
D2 R89-551-980-985		0.038
D2 R89-551-985-990		0.021
D2 R89-551-990-995		0.011
D2 R89-551-995-1000		0.012
D2 R89-551-1000-1005		0.022
D2 R89-551-1005-1010		0.014
D2 R89-551-1010-1015		0.018
D2 R89-551-1015-1020		0.011
D2 R89-551-1020-1025		0.018
D2 R89-551-1025-1030		0.009
D2 R89-551-1030-1035		0.007
D2 R89-551-1035-1040		0.010
D2 R89-551-1040-1045		0.015
D2 R89-551-1045-1050		0.025
D2 R89-551-1050-1055		0.017
D2 R89-551-1055-1060		0.013
D2 R89-551-1060-1065		0.015
D2 R89-551-1065-1070		0.014
D2 R89-551-1070-1075		0.019
D2 R89-551-1075-1080		0.029
D2 R89-551-1080-1085		0.019
D2 R89-551-1085-1090		0.018
D2 R89-551-1090-1095		0.006
D2 R89-551-1095-1100		0.009
D2 R89-551-1100-1105		0.011
D2 R89-551-1105-1110		0.010
D2 R89-551-1110-1115		0.009
D2 R89-551-1115-1120		0.023
D2 R89-551-1120-1125		0.019
D2 R89-551-1125-1130		0.024
D2 R89-551-1130-1135		0.018
D2 R89-551-1135-1140		0.021

90' @ .028

25' @ .021

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-1140-1145		0.011
D2 R89-551-1145-1150		0.009
D2 R89-551-1150-1155		0.010
D2 R89-551-1155-1160		0.009
D2 R89-551-1160-1165		0.020
D2 R89-551-1165-1170		0.007
D2 R89-551-1170-1175		0.010
D2 R89-551-1175-1180		0.015
D2 R89-551-1180-1185		0.012
D2 R89-551-1185-1190		0.032
D2 R89-551-1190-1195		0.015
D2 R89-551-1195-1200		0.021
D2 R89-551-1200-1205		0.021
D2 R89-551-1205-1210		0.046
D2 R89-551-1210-1215		0.013
D2 R89-551-1215-1220		0.059
D2 R89-551-1220-1225		0.060
D2 R89-551-1225-1230		0.026
D2 R89-551-1230-1235		0.036
D2 R89-551-1235-1240		0.008
D2 R89-551-1240-1245		0.011

50' @ .033

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Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

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12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1484

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Geochemical Lab Report

REPORT: 499-0101 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 9-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	33	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	33	2 -150	33	Assay Prep	33
				Excessive Wetness	505
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
MR. JIM BARRON

INVOICE TO: MR. JIM BARRON

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Lakewood, Colorado 80228
(303) 989-1404

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Geochemical Lab Report

REPORT: 499-0101

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-1245-1250		0.013
D2 R89-551-1250-1255		0.004
D2 R89-551-1255-1260		0.004
D2 R89-551-1260-1265		0.010
D2 R89-551-1265-1270		0.013
D2 R89-551-1270-1275		0.014
D2 R89-551-1275-1280		0.006
D2 R89-551-1280-1285		0.018
D2 R89-551-1285-1290		0.016
D2 R89-551-1290-1295		0.007
D2 R89-551-1295-1300		0.006
D2 R89-551-1300-1305		0.002
D2 R89-551-1305-1310		<0.002
D2 R89-551-1310-1315		0.004
D2 R89-551-1315-1320		0.003
D2 R89-551-1320-1325		0.004
D2 R89-551-1325-1330		0.060
D2 R89-551-1330-1335		0.045
D2 R89-551-1335-1340		0.026
D2 R89-551-1340-1345		0.016
D2 R89-551-1345-1350		0.008
D2 R89-551-1350-1355		0.011
D2 R89-551-1355-1360		0.012
D2 R89-551-1360-1365		0.017
D2 R89-551-1365-1370		0.013
D2 R89-551-1370-1375		0.011
D2 R89-551-1375-1380		0.009
D2 R89-551-1380-1385		0.016
D2 R89-551-1385-1390		0.017
D2 R89-551-1390-1395		0.010
D2 R89-551-1395-1400		0.014
D2 R89-551-1400-1405		0.012
D2 R89-551-1405-1410		0.024

1325 - 1340 15' @ .044

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Geochemical Lab Report

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57732

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Geochemical Lab Report

REPORT: 499-0102 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 8-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	24	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	24	2 -150	24	Assay Prep	24
				Excessive Wetness	351
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
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INVOICE TO: MR. JIM BARRON

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Geochemical Lab Report

REPORT: 499-0102

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-1410-1415		0.030
D2 R89-551-1415-1420		0.058
D2 R89-551-1420-1425		0.038
D2 R89-551-1425-1430		0.033
D2 R89-551-1430-1435		0.021
D2 R89-551-1435-1440		0.011
D2 R89-551-1440-1445		0.006
D2 R89-551-1445-1450		0.007
D2 R89-551-1450-1455		0.004
D2 R89-551-1455-1460		0.010
D2 R89-551-1460-1465		0.018
D2 R89-551-1465-1470		0.022
D2 R89-551-1470-1475		0.086
D2 R89-551-1475-1480		0.023
D2 R89-551-1480-1485		0.010
D2 R89-551-1485-1490		0.013
D2 R89-551-1490-1495		0.009
D2 R89-551-1495-1500		0.010
D2 R89-551-1500-1505		0.017
D2 R89-551-1505-1510		0.009
D2 R89-551-1510-1515		0.007
D2 R89-551-1515-1520		0.007
D2 R89-551-1520-1525		0.010
D2 R89-551-1525-1530		0.017

1405 - 1435 30' @ .034

1465 - 1480 15' @ .044

Bondar-Clegg, Inc.
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(303) 989-1404

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Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

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Lakewood, Colorado 80228
(303) 989-1404

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Geochemical Lab Report

REPORT: 499-0105 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 10-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	20	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	20	2 -150	20	Assay Prep	20
				Excessive Wetness	289

REMARKS: FINAL RESULTS ARE REPORTED.

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(303) 989-4404

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Geochemical Lab Report

REPORT: 499-0105

PROJECT: NONE LISTED PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-551-1530-1535		0.008
D2 R89-551-1535-1540		0.015
D2 R89-551-1540-1545		<0.002
D2 R89-551-1545-1550		0.002
D2 R89-551-1550-1555		0.009
D2 R89-551-1555-1560		<0.002
D2 R89-551-1560-1565		0.006
D2 R89-551-1565-1570		0.009
D2 R89-551-1570-1575		0.014
D2 R89-551-1575-1580		0.024
D2 R89-551-1580-1585		0.021
D2 R89-551-1585-1590		0.013
D2 R89-551-1590-1595		0.015
D2 R89-551-1595-1600		0.005
D2 R89-551-1600-1605		0.030
D2 R89-551-1605-1610		0.028
D2 R89-551-1610-1615		0.006
D2 R89-551-1615-1620		0.007
D2 R89-551-1620-1625		0.005
D2 R89-551-1625-1630		<0.002

1600 – 1610 10' @ .029

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 1/12/89 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 60

GEOLOGIST'S NAME Jim Barron PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DS	60	R89-551	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
WT		81-300	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results Jim Barron
☐ Invoices Brown
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 1/12/89 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 33

GEOLOGIST'S NAME J. BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	33	11 551	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
WET		505 505	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		4/6 4/15	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results J. Barron
☐ Invoices Alaska Mining
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

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LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 1/13/89 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 60

GEOLOGIST'S NAME Jim Baker PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test	
DC	60	R89-551	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
		465-470	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
		760-765	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test	

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

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LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 1/13/89 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 35

GEOLOGIST'S NAME CARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	35	249-351	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
INT		765-770	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		935-940	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM DARRON
☐ Invoices ACCTG
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 1/30/89 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 24

GEOLOGIST'S NAME J. BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	24	R88 551	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
WPL		1470-1475	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		1525/1530	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results J. Barron
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped ~~J Barron~~ _____ Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 20

GEOLOGIST'S NAME J Barron PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED																						Neutron Activation	DCP	Ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec			
DC	20	549-551	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
wet		1530-1535	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		1625-1630	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☒ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / ☐ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ---(circle one)---	DATE: 1/17/89

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Gilt Edge) 24 hrs

Hole #: R89-55	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 540	Depth yesterday: (160)	Depth today:		Depth today:		380' FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	6' of	2"	high pressure air hose
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE: 6"	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE: Mission Button	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit ---(circle one)---
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit ---(circle one)---

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	12:00	Drilled from 160'-540' on hole # R89-55
		(Shut down 15 min to replace air hose)
	.25	

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 11 3/4 hrs. → Rig Time

Scott Krug Hrs. 12 3/4
Drillers signature

Chuck Wise Hrs. 12 1/4
Helpers signature

Tim Lapp Hrs. 12 1/4
Helpers signature

**********JUSTIFY HOURS (If Applies)**********

12 Getting Fuel

____ Chasing for Parts

____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ----(circle one)-----	DATE: JAN. 12 1989

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BROHM- GILT EDGE

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 720	Depth yesterday: (535)	Depth today:		Depth today:		185 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
____	Gal.	Quick Foam	____	____"	____X____ Nipple	____	____	____
____	Gal.	E-Z Mud	____	____"	____X____ Nipple	____	____	____
____	Bags	Cement	____	____"	____• Elbow	____	____	____
____	____"	Rod Wipers	____	____"	Tee	____	____	____
____	____"	Tri-Cone Wear Sleeves	____	____"	Pipe Plug	____	____	____
____	----	Bazooka Tube	____	ft. of ____	"Casing	____	____	____
____	----	14-Hole Adapter	____	____"	Casing Couplers	____	____	____

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	6	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MISSION		New Bit __ Bit previously used on this project __ Used Bit ---------(circle one)---------
BIT#: 40028	SIZE: 5 3/4	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE: VAREL	FOOTAGE: 55	New Bit __ Bit previously used on this project __ Used Bit ---------(circle one)---------

FROM	TO	ACTIVITY
12:00	7:00	DRILL 535' TO 665'
7:00	9:00	HAMMER FLOODED ; TRIP FOR TRI-CONE
9:00	12:00	DRILL 665' TO 720'
		RIG HOURS 12

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____Hrs. MOVING, ____Hrs. HAULING WATER, ____Hrs. STANDBY

____Hrs. BIG/SMALL CAT (circle one), ____Hrs. SKIDDER,

____Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) ____

Mark Wade Drillers signature	Hrs. 12
BENSIE STOELET Helpers signature	Hrs. 12
JIM ARNOLD Helpers signature	Hrs. 12

**********JUSTIFY HOURS (If Applies)**********

____Getting Fuel

____Chasing for Parts

____Drive Time (after the 1st one hour)

CLIENT REP: ____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig (circle one)	DATE: 1/13/89

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Gilt Edge) 24 hrs

Hole #: R89-55	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 960	Depth yesterday: (720)	Depth today:		Depth today:		240 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of	"	Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE: 5 3/4	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth (circle one of the above)	MAKE: Varel	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit (circle one)
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth (circle one of the above)	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit (circle one)

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	12:00	Drilled from 720'-960 on hole # R89-55

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 12hrs. → Rig Time

Scott Krug Hrs. 13
Drillers signature

Chuck Wise Hrs. 12 1/4
Helpers signature

Tim Lapp Hrs. 12 1/4
Helpers signature

**********JUSTIFY HOURS (If Applies)**********

____ Getting Fuel

____ Chasing for Parts

____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: Lk 2	Angle or Vertical Rig ---(circle one)---	DATE: JAN. 13, 1989

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BRONIN - GILT EDGE

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
R89-551						140 FT.
Depth today: 1100	Depth yesterday: (960)	Depth today:		Depth today:		

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
____	Gal.	Quick Foam	____	____"	____X____ Nipple	____	____	____
____	Gal.	E-Z Mud	____	____"	____X____ Nipple	____	____	____
____	Bags	Cement	____	____"	____• Elbow	____	____	____
____	____"	Rod Wipers	____	____"	Tee	____	____	____
____	____"	Tri-Cone Wear Sleeves	____	____"	Pipe Plug	____	____	____
____	----	Bazooka Tube	____	ft. of	____ "Casing	____	____	____
____	----	14-Hole Adapter	____	____"	Casing Couplers	____	____	____

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
		Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---			New Bit __ Bit previous used on this project __ Used Bit ---------(circle one)---------
BIT#:	SIZE: 5 3/4	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE: VAREL	FOOTAGE: 435	New Bit __ Bit previous used on this project __ Used Bit ---------(circle one)---------

FROM	TO	ACTIVITY
12:00	12:00	DRILL 960' TO 1100'
		RIG HOURS 12

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____Hrs. MOVING, ____Hrs. HAULING WATER, ____Hrs. STANDBY

____Hrs. BIG/SMALL CAT (circle one), ____Hrs. SKIDDER,

____Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) ____

Mark Waite — Hrs. 12 1/4
Drillers signature

BENTIE STOFLET — Hrs. 12
Helpers signature

JIM ARMOLD — Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********

1/4 Getting Fuel M.W.

____Chasing for Parts

____Drive Time (after the 1st one hour)

CLIENT REP: ____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ---(circle one)---	DATE: 1/14/89

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Gas Top) 24 hrs.

Hole #: R89-55	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1240'	Depth yesterday: (1100)	Depth today:		Depth today:		140' FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of	"Casing				
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	5 3/4	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Varel		New Bit / Bit previously used on this project / Used Bit ---(circle one)---
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit ---(circle one)---

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	17:00	Drilled from 1100'–1240' on hole #R89-55
		(Started Booster at 3:30)
		(shut down for 1/2 hr. to fix 4" hose ends)
		5

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 11 1/2 hrs. → Rig Time
8 hrs. → Booster

Scott Krug Hrs. 12 1/4
Drillers signature
Chuck Wise Hrs. 12 1/4
Helpers signature
Tim Lapp Hrs. 12 1/4
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ----(circle one)----	DATE: JAN. 14 1989

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BROHM - GILT EDGE

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1230	Depth yesterday: (1220)	Depth today:		Depth today:		10 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
____	Gal.	Quick Foam	____	____"	___X___ Nipple	____	____	____
____	Gal.	E-Z Mud	____	____"	___X___ Nipple	____	____	____
____	Bags	Cement	____	____"	___• Elbow	____	____	____
____	____"	Rod Wipers	____	____"	Tee	____	____	____
____	____"	Tri-Cone Wear Sleeves	____	____"	Pipe Plug	____	____	____
____	----	Bazooka Tube	____	ft. of	____ "Casing	____	____	____
____	----	14-Hole Adapter	____	____"	Casing Couplers	____	____	____

BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit __ Bit previously used on this project __ Used Bit ---------(circle one)---------
BIT#: 1	SIZE: 5 3/4	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE: VAREL	FOOTAGE: 565	New Bit __ Bit previously used on this project __ Used Bit ---------(circle one)---------

FROM	TO	ACTIVITY
12:00	1:30	DRILL 1220' TO 1230'
1:30	3:15	TRIP OUT
3:15	4:30	SERVICE EQUIPTMENT
		8.75
		RIG HOURS 3 1/4
		BOOSTER HRS 1 1/2

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) ____

Mark Waite — Hrs. 4 3/4
Drillers signature

BENJIE STOKLET — Hrs. 4 1/2
Helpers signature

JIM ARNOLD — Hrs. 4 1/2
Helpers signature

**********JUSTIFY HOURS (If Applies)**********

1/4 Getting Fuel M. W.

____ Chasing for Parts

____ Drive Time (after the 1st one hour)

CLIENT REP: ____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig (circle one)	DATE: 1/18/89

Daily Start time: 10:30	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Oil Edge) 24hrs.

Hole #: RB9-55	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1370	Depth yesterday: (1245)	Depth today:		Depth today:		125 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of	"	Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
40115	5 5/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Varel		New Bit / Bit previously used on this project / Used Bit (circle one)
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit (circle one)

FROM	TO	ACTIVITY
10:30	11:30	getting water & rods, & warming up equipment
11:30	1:15	tripped tools in to bottom (hit several bridges)
1:15	12:00	Drilled from 1245'-1370 on hole #RB9-55
12:00	12:30	helped Benjie get going

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 12½ → Rig Time
10¾ → Booster

Scott Krug Hrs. 14¾
Drillers signature
Chuck Wise Hrs. 14
Helpers signature
Tim Lapp Hrs. 14
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
¾ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT | RIG#: LK2 | Angle or Vertical Rig ---(circle one)--- | DATE: 1-19-89

Daily Start time:	Daily Finish time:	Subsistence: 1 Day 3 Men	PROJECT NAME:
1200 AM	1200 PM		BROHM - Gilt Edge

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
R89-551						60 FT.
Depth today: 1430	Depth yesterday: (1370)	Depth today:		Depth today:		

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
40115	5 5/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	UAREL	170 ft	New Bit / Bit previous used on this project / Used Bit ---(circle one)---
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previous used on this project / Used Bit ---(circle one)---

FROM	TO	ACTIVITY
1200 AM	100 AM	DRILL 1370 to 1385
100 AM	545 AM	TRIP - CROSSOVER PLUGGED - CASING
		WASHED OUT - UNPLUG CROSSOVER
		ADD 2 ft. of casing OVER
545 AM	11 00 AM	DRILL 1385 - 1430
1100 AM	1200 PM	Down - booster had an oil leak
		From blower drive to blower
		tried to repair
	1	

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 6 hours for LKB-18
11 hrs for LK-2

BENJIE STOFLET Hrs. 12
Drillers signature
JIM ARNOLD Hrs. 12
Helpers signature
STEVE ESPINOZA Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: Wally Robinson Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

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(P)

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig (circle one)	DATE: 1/19/89

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Edge) 24 hrs

Hole #: R89-557	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1525	Depth yesterday: (1430)	Depth today:		Depth today:		95 FT.

MATERIALS USED

Quantity	Size	Material Name	Quantity	Size	Material Name	Quantity	Size	Material Name
	Gal.	Quick Foam		"	X Nipple (Future)	33		100# Bags Bentonite
5	Gal.	E-Z Mud (Lang)		"	X Nipple	7		50# Bags Bentonite
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee	2		Large splitter plates (Lang)
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube		ft. of	"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
40115	5 7/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Varel		New Bit / Bit previously used on this project / Used Bit (circle one)
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit (circle one)

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	1:00	made new gasket for Booster Blower
1:00	10:30	Drilled from 1430'—1520' on hole #R89-557
10:30	11:30	replaced splitter plates
11:30	12:00	Drilled from 1520'-1525' on hole #R89-557

(2)

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 10hrs → Rig Time
10hrs. → Booster

Scott Krug Hrs. 12 1/4
Drillers signature
Chuck Wise Hrs. 12 1/4
Helpers signature
Tim Lapp Hrs. 12 1/4
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

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LANG EXPLORATORY DRILLING DAILY DRILLING REPORT | RIG#: LK-2 | Angle or Vertical Rig ----(circle one)----- | DATE: 1-20-89

Daily Start time:	Daily Finish time:	Subsistence:	PROJECT NAME:
1200 AM	1200 PM	1 Day 3 Men	BLOHM - Gilt Edge

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
R89-551						15 FT.
Depth today: 1540	Depth yesterday: (1525)	Depth today:		Depth today:		

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	2 EA		Rubber water seals
	Gal.	E-Z Mud		"	X Nipple	2 EA		Steel water seals
	Bags	Cement		"	• Elbow			
	"	Rod Wipers	1	4 "	Tee			
	"	Tri-Cone Wear Sleeves	1	4 "	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	New Bit / Bit previous used on this project / Used Bit
40115	5 7/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	VAREL	280	----------(circle one)----------
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previous used on this project / Used Bit ----------(circle one)----------

FROM	TO	ACTIVITY
12 00 AM	2:00 AM	DRILL 1525 to 1540 - down - booster
2:00 AM	10:30 AM	developed a leak again - repaired leak -
		changed plumbing on head - booster
		wouldn't start - changed fuel filters
		still wouldn't start - bearing on the
		blower shaft was shot - tore down
	9	Pulled off blower covers - tripped
		100 ft. off bottom

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 2 hrs for LX-B-18
3 hrs for LK-2

BENTIE STOFLET Hrs. 10½
Drillers signature

JIM ARNOLD Hrs. 10½
Helpers signature

STEVE ESPINOZA Hrs. 10½
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: Wally Robison Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

YELLOW-GEOLOGIST COPY

Wally Robison

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig (circle one)	DATE: 1/20/89

Daily Start time: 12:30	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Left Edge) 24hrs

Hole #: R89-55	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	Hole #:	Angle or Vertical (circle one)	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1560	Depth yesterday: (1540)	Depth today:		Depth today:		20' FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	30	bags	Bentonite (Lang)
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
40115	5 5/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Varel		New Bit / Bit previously used on this project / Used Bit (circle one)
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit (circle one)

FROM	TO	ACTIVITY
6:00	10:15	went out & worked on Booster
10:15	11:00	pic Redup propane & pickup load of Bel
12:30	9:00	R & R both Blowers on Booster
9:00	12:00	Drilled from 1540'-1560' on hole #R89-55

9

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 3hr → Rig Time
3hr → Booster

Scott Krug Hrs. 16½
Drillers signature
Chuck Wise Hrs. 11½
Helpers signature
Tim Lapp Hrs. 11½
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____? ____

WHITE: Lang Office Copy

YELLOW: Geologist Copy

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT | RIG#: LK-2 | Angle or Vertical Rig ---(circle one)--- | DATE: 1-21-89

Daily Start time:	Daily Finish time:	Subsistence: 1 Day 3 Men	PROJECT NAME:
1200 AM	1200 PM		BLOAM - Gilt Edge

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
R89-551						70 FT.
Depth today: 1630	Depth yesterday: (1560)	Depth today:		Depth today:		

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	1	14 lb	ROD DOPE
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previous used on this project / Used Bit ---(circle one)---
40115	5 5/8		VAREL	370	
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previous used on this project / Used Bit ---(circle one)---

FROM	TO	ACTIVITY
1200 AM	1100 AM	DRILL 1560 - 1630
		CALLED THE HOLE AT 6' per hour
1100 AM	1200 PM	TRIP FROM 1630 to 1180
		Est. 3 more rig hrs. on 2nd shift.

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

1/2 Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) change plumbing on head

12 hrs for LK-2

11 hrs for LXB-18

BENJIE STOFLET Hrs. 12
Drillers signature

JIM ARNOLD Hrs. 12
Helpers signature

STEVE ESPINOZA Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********

____ Getting Fuel

____ Chasing for Parts

____ Drive Time (after the 1st one hour)

CLIENT REP: Wally Robison Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

YELLOW-GEOLOGIST COPY

(P)

```
"TITLE 09-02-89 07:53:18 499-0101   J. BARRON            19/01/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   33 REFERENCE: NONE LISTED                    "
"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   33 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  33           Assay Prep          "
"  42 P64= 505           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"01010001" "D" "2" "R89-551-1245-1250   "    0.013
"01010002" "D" "2" "R89-551-1250-1255   "    0.004
"01010004" "D" "2" "R89-551-1255-1260   "    0.004
"01010005" "D" "2" "R89-551-1260-1265   "    0.010
"01010006" "D" "2" "R89-551-1265-1270   "    0.013
"01010007" "D" "2" "R89-551-1270-1275   "    0.014
"01010008" "D" "2" "R89-551-1275-1280   "    0.006
"01010009" "D" "2" "R89-551-1280-1285   "    0.018
"01010010" "D" "2" "R89-551-1285-1290   "    0.016
"01010011" "D" "2" "R89-551-1290-1295   "    0.007
"01010012" "D" "2" "R89-551-1295-1300   "    0.006
"01010013" "D" "2" "R89-551-1300-1305   "    0.002
"01010014" "D" "2" "R89-551-1305-1310   "   -0.002
"01010015" "D" "2" "R89-551-1310-1315   "    0.004
"01010016" "D" "2" "R89-551-1315-1320   "    0.003
"01010017" "D" "2" "R89-551-1320-1325   "    0.004
"01010018" "D" "2" "R89-551-1325-1330   "    0.060
"01010019" "D" "2" "R89-551-1330-1335   "    0.045
"01010020" "D" "2" "R89-551-1335-1340   "    0.026
"01010021" "D" "2" "R89-551-1340-1345   "    0.016
"01010022" "D" "2" "R89-551-1345-1350   "    0.008
"01010023" "D" "2" "R89-551-1350-1355   "    0.011
"01010024" "D" "2" "R89-551-1355-1360   "    0.012
"01010025" "D" "2" "R89-551-1360-1365   "    0.017
"01010026" "D" "2" "R89-551-1365-1370   "    0.013
"01010027" "D" "2" "R89-551-1370-1375   "    0.011
"01010029" "D" "2" "R89-551-1375-1380   "    0.009
"01010030" "D" "2" "R89-551-1380-1385   "    0.016
"01010031" "D" "2" "R89-551-1385-1390   "    0.017
"01010032" "D" "2" "R89-551-1390-1395   "    0.010
"01010033" "D" "2" "R89-551-1395-1400   "    0.014
"01010034" "D" "2" "R89-551-1400-1405   "    0.012
"01010035" "D" "2" "R89-551-1405-1410   "    0.024
"END"
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1325-1340

15'@ .044

1405-1435

30'@ .034

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"TITLE 08-02-89 08:33:01 499-0102   J. BARRON            20/01/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   24 REFERENCE: NONE LISTED                    "
"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   24 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D       DRILL CORE          "
"  41 P17=  24            Assay Prep          "
"  42 P64= 351            Excessive Wetness   "
"  43 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                        "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"01020001" "D" "2" "R89-551-1410-1415   "    0.030
"01020002" "D" "2" "R89-551-1415-1420   "    0.058
"01020003" "D" "2" "R89-551-1420-1425   "    0.038
"01020005" "D" "2" "R89-551-1425-1430   "    0.033
"01020006" "D" "2" "R89-551-1430-1435   "    0.021
"01020007" "D" "2" "R89-551-1435-1440   "    0.011
"01020008" "D" "2" "R89-551-1440-1445   "    0.006
"01020009" "D" "2" "R89-551-1445-1450   "    0.007
"01020010" "D" "2" "R89-551-1450-1455   "    0.004
"01020011" "D" "2" "R89-551-1455-1460   "    0.010
"01020012" "D" "2" "R89-551-1460-1465   "    0.018
"01020013" "D" "2" "R89-551-1465-1470   "    0.022
"01020014" "D" "2" "R89-551-1470-1475   "    0.086
"01020015" "D" "2" "R89-551-1475-1480   "    0.023
"01020016" "D" "2" "R89-551-1480-1485   "    0.010
"01020017" "D" "2" "R89-551-1485-1490   "    0.013
"01020018" "D" "2" "R89-551-1490-1495   "    0.009
"01020019" "D" "2" "R89-551-1495-1500   "    0.010
"01020020" "D" "2" "R89-551-1500-1505   "    0.017
"01020021" "D" "2" "R89-551-1505-1510   "    0.009
"01020022" "D" "2" "R89-551-1510-1515   "    0.007
"01020023" "D" "2" "R89-551-1515-1520   "    0.007
"01020024" "D" "2" "R89-551-1520-1525   "    0.010
"01020025" "D" "2" "R89-551-1525-1530   "    0.017
"END"
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1405-1435

30'@ .034

1465-1480

15'@ .044

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"TITLE 10-02-89 13:30:56 499-0105   J. BARRON            24/01/89"
"CLIENT BROHM MINING CORP.                                        "
"PROJECT NONE LISTED     #SAMPLES:   20 REFERENCE: NONE LISTED                    "
"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   20 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  20           Assay Prep          "
"  42 P64= 289           Excessive Wetness   "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"01050001" "D" "2" "R89-551-1530-1535   "    0.008
"01050002" "D" "2" "R89-551-1535-1540   "    0.015
"01050003" "D" "2" "R89-551-1540-1545   "   -0.002
"01050004" "D" "2" "R89-551-1545-1550   "    0.002
"01050005" "D" "2" "R89-551-1550-1555   "    0.009
"01050006" "D" "2" "R89-551-1555-1560   "   -0.002
"01050008" "D" "2" "R89-551-1560-1565   "    0.006
"01050009" "D" "2" "R89-551-1565-1570   "    0.009
"01050010" "D" "2" "R89-551-1570-1575   "    0.014
"01050011" "D" "2" "R89-551-1575-1580   "    0.024 —   1575-1585
"01050012" "D" "2" "R89-551-1580-1585   "    0.021 —   10' @ .022
"01050013" "D" "2" "R89-551-1585-1590   "    0.013
"01050014" "D" "2" "R89-551-1590-1595   "    0.015
"01050015" "D" "2" "R89-551-1595-1600   "    0.005
"01050016" "D" "2" "R89-551-1600-1605   "    0.030 —   1600-1610
"01050017" "D" "2" "R89-551-1605-1610   "    0.028 —   10' @ .029
"01050018" "D" "2" "R89-551-1610-1615   "    0.006
"01050019" "D" "2" "R89-551-1615-1620   "    0.007
"01050020" "D" "2" "R89-551-1620-1625   "    0.005
"01050021" "D" "2" "R89-551-1625-1630   "   -0.002
"END"
```

JOE.

GILES → INDEPENDENTS

Ag's —

Burn Higgins.