NO. BALANCE/SCALE

Contractor: LANG
Drill Type: D40K w/o Aux Air
Hole Size:
Collar Elev.: 5418.2

Coordinates: N 45302.66 E 28187.91
Casing Depth:
Bearing: — Inclination: -90
Final Depth: 585'

Project: EXPASION
State: SD
Date Started:
Date Completed:

Hole No.: R89-577 (Site 42)
Sheet 1 of 4
Property: Gilt Edge / Hoodoo
Hole Surveyed: No

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) TYPE	ASSAY: Au	Ag
		1-2%	1	1	0-5		Fill	0-5 Fill of Ttn	0-285 Sulfide 1-2%		
			60				Ttp	5-435 Trachyte porphyry.	f.g. dissm. cubic		
								med. grain, mostly unaltered	pyrite w/ very fine		
								porphyry.	somewhat lath. shape		
					20-25				sulfide throughout		
					45-50						
					70-75						
					95-100						
					120-125						
					145-150						
					170-175						

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-572

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 4

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

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

DRILL CUTTING LOG

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	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
		1-2	60	1	175-180		Tfp	Trachyte porphyry cont				
					195-200							
					220-225							
					245-250							
					270-275							
		tr-1			2				285-310 Mix (tr.			
					295-300				layrite			
		1-2			1				310-585 Sulfide			
					320-325							
					345-350							

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-572

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 4

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY Au	ASSAY Ag
		1-2	60	1	350-355		Tta	Trachyte porphyry cont.				
					370-375							
					395-400							
					420-425							
		tr.	10				PE	435-490 PE Schist	435-585 Tr-1% pyrite			
					445-450							
					470-475							
		tr-1	60				Tta	490-495 Trachyte porphyry				
		tr	10		495-500		PE	495-535 PE Schist " "				
					520-525							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-572

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

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	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) / TYPE	ASSAY Au / Ag
		tr	10		525-530		PE			
		1%	60				TtP	535-550 Trachyte porphyry		
		1%								
		1%			545-550					
		tr	10				PE	550-585 PE Schist		
					570-575					
		↓	↓	↓			↓	Hole TD 585'		
					595-600					
					620-625					
					645-650					
					670-675					
					695-700					

DRILL CUTTING LOG

Logged by:

Bondar-Clegg, Inc.
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

BROHM MINING CORPORATION
MR. ROD MCCLEOD
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: R89-31499.4 (COMPLETE)

REFERENCE INFO: BROHM

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: DEADWOOD
DATE PRINTED: 27-SEP-89

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	60	0.002 OPT		Fire Assay
2	AU DUP GOLD DUPLICATE -150	2	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	60	2 -150	60	ASSAY PREP	60
				SAMPLE PICKUP/MILE	1

REMARKS: FINAL REPORT
1AT GOLD (29.17G)

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

INVOICE TO: MR. JIM BARRON

Bondar-Clegg, Inc.
525 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: R89-31499.4

DATE PRINTED: 27-SEP-89
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	AU DUP OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	AU DUP OPT
Z2 R89-572 0-5		0.003		Z2 R89-572 185-190		<0.002	
Z2 R89-572 5-10		0.004		Z2 R89-572 190-195		<0.002	
Z2 R89-572 10-15		0.005		Z2 R89-572 195-200		<0.002	
Z2 R89-572 15-20		0.007		Z2 R89-572 200-205		0.002	
Z2 R89-572 20-25		0.011		Z2 R89-572 205-210		0.002	0.009
Z2 R89-572 25-30		0.004		DUPLICATE		0.002	$\bar{X}$=.013/3=.004
Z2 R89-572 30-35		0.006		Z2 R89-572 210-215		<0.002	$\bar{X}$=.001
Z2 R89-572 35-40		0.009		DUPLICATE		0.002	
Z2 R89-572 40-45		0.004		Z2 R89-572 215-220		0.006	
Z2 R89-572 45-50		0.006	$\bar{X}$=.006	Z2 R89-572 220-225		0.003	
DUPLICATE		0.007		Z2 R89-572 225-230		<0.002	
Z2 R89-572 50-55		0.008		Z2 R89-572 230-235		0.004	
Z2 R89-572 55-60		0.007		Z2 R89-572 235-240		<0.002	
Z2 R89-572 60-65		0.012		Z2 R89-572 240-245		<0.002	
Z2 R89-572 65-70		0.003		Z2 R89-572 245-250		<0.002	
Z2 R89-572 70-75		0.002		Z2 R89-572 250-255		0.003	
Z2 R89-572 75-80		0.009		Z2 R89-572 255-260		<0.002	
Z2 R89-572 80-85		0.005		Z2 R89-572 260-265		<0.002	
Z2 R89-572 85-90		0.009		Z2 R89-572 265-270		<0.002	
Z2 R89-572 90-95		0.006		DUPLICATE		<0.002	
Z2 R89-572 95-100		0.006	$\bar{X}$=.006	Z2 R89-572 270-275		<0.002	
DUPLICATE		0.007		Z2 R89-572 275-280		0.003	
Z2 R89-572 100-105		0.004		Z2 R89-572 280-285		0.005	
Z2 R89-572 105-110		0.003		Z2 R89-572 285-290		0.005	
Z2 R89-572 110-115		0.005		Z2 R89-572 290-295		0.003	
Z2 R89-572 115-120		0.011		Z2 R89-572 295-300		<0.002	
Z2 R89-572 120-125		0.013					
Z2 R89-572 125-130		0.009					
Z2 R89-572 130-135		0.015					
Z2 R89-572 135-140		0.006					
Z2 R89-572 140-145		0.004					
Z2 R89-572 145-150		0.005					
Z2 R89-572 150-155		0.002					
Z2 R89-572 155-160		<0.002	0.010				
DUPLICATE		0.002	$\bar{X}$=.012/3=.004				
Z2 R89-572 160-165		0.017					
Z2 R89-572 165-170		0.007					
Z2 R89-572 170-175		0.004					
Z2 R89-572 175-180		0.008					
Z2 R89-572 180-185		0.002					

OCT 2 1989
BROHM MINING CO

RECEIVED
OCT 2 1989
BROHM MINING CO.

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 MCCLEOD
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: R89-31900.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: BARRON
DATE PRINTED: 29-SEP-89

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	57	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	57	2 -150	57	ASSAY PREP	57
				SAMPLE PICKUP/MILE	1

REMARKS: = DUPLICATE NOT AVAILABLE
1AT GOLD (29.17G)

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

INVOICE TO: MR. JIM BARRON

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

DATE PRINTED: 29-SEP-89

REPORT: R89-31900.4

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R89-572 300-305		0.006
DUPLICATE		=
Z2 R89-572 305-310		<0.002
Z2 R89-572 310-315		0.010
Z2 R89-572 315-320		0.019
Z2 R89-572 320-325		0.003
Z2 R89-572 325-330		0.003
Z2 R89-572 330-335		0.053
Z2 R89-572 335-340		0.103
Z2 R89-572 340-345		0.032
Z2 R89-572 345-350		0.014
Z2 R89-572 350-355		0.006
DUPLICATE		=
Z2 R89-572 355-360		0.005
Z2 R89-572 360-365		0.013
Z2 R89-572 365-370		0.032
Z2 R89-572 370-375		0.004
Z2 R89-572 375-380		<0.002
Z2 R89-572 380-385		0.005
Z2 R89-572 385-390		0.023
Z2 R89-572 390-395		0.039
Z2 R89-572 395-400		0.025
Z2 R89-572 400-405		0.037
Z2 R89-572 405-410		0.029
Z2 R89-572 410-415		0.029 $\bar{x}$ = .028
DUPLICATE		0.028
Z2 R89-572 415-420		0.020
Z2 R89-572 420-425		0.006
Z2 R89-572 425-430		0.003
Z2 R89-572 430-435		0.002
Z2 R89-572 435-440		<0.002
Z2 R89-572 440-445		0.012
Z2 R89-572 445-450		0.009
Z2 R89-572 450-455		0.012
Z2 R89-572 455-460		0.004
Z2 R89-572 460-465		0.016 $\bar{x}$ = .029/2 = .014
DUPLICATE		0.013
Z2 R89-572 465-470		0.060
Z2 R89-572 470-475		0.017
Z2 R89-572 475-480		0.009
Z2 R89-572 480-485		0.019
Z2 R89-572 485-490		0.006
Z2 R89-572 490-495		0.004
Z2 R89-592 495-500		0.006
Z2 R89-572 500-505		0.022
Z2 R89-572 505-510		0.012
Z2 R89-572 510-515		0.003
Z2 R89-572 515-520		0.003
Z2 R89-572 520-525		0.002 $\bar{x}$ = .002
DUPLICATE		0.003
Z2 R89-572 525-530		0.002
Z2 R89-572 530-535		0.002
Z2 R89-572 535-540		<0.002
Z2 R89-572 540-545		0.003
Z2 R89-572 545-550		0.003
Z2 R89-572 550-555		0.018
Z2 R89-572 555-560		0.004
Z2 R89-572 560-565		<0.002
Z2 R89-572 565-570		<0.002
Z2 R89-572 570-575		0.005
DUPLICATE		0.005
Z2 R89-572 575-580		0.068
Z2 R89-572 580-585		0.004

```
"TITLE 29-09-89 12:03:25 R89-31499.4   DEADWOOD              18/09/89"
"CLIENT BROHM MINING CORPORATION                                      "
"PROJECT NONE GIVEN      #SAMPLES:   60 REFERENCE: BROHM                                  "
"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   60 0.002 999.90 Results Reported     "
"  02 AU DUP FA        OPT    2 0.002 9999.0 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  60           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"REMARKS"
"  50 FINAL REPORT                                    "
"  51 1AT GOLD (29.17G)                               "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,2(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "AU DUP"
"14990001" "Z" "2" "R89-572 0-5          "    0.003       -9
"14990002" "Z" "2" "R89-572 5-10         "    0.004       -9
"14990003" "Z" "2" "R89-572 10-15        "    0.005       -9
"14990004" "Z" "2" "R89-572 15-20        "    0.007       -9
"14990005" "Z" "2" "R89-572 20-25        "    0.011       -9
"14990006" "Z" "2" "R89-572 25-30        "    0.004       -9
"14990007" "Z" "2" "R89-572 30-35        "    0.006       -9
"14990008" "Z" "2" "R89-572 35-40        "    0.009       -9
"14990009" "Z" "2" "R89-572 40-45        "    0.004       -9
"14990010" "Z" "2" "R89-572 45-50        "    0.006       -9
"14990012" "Z" "2" "R89-572 50-55        "    0.008       -9
"14990013" "Z" "2" "R89-572 55-60        "    0.007       -9
"14990014" "Z" "2" "R89-572 60-65        "    0.012       -9
"14990015" "Z" "2" "R89-572 65-70        "    0.003       -9
"14990016" "Z" "2" "R89-572 70-75        "    0.002       -9
"14990017" "Z" "2" "R89-572 75-80        "    0.009       -9
"14990018" "Z" "2" "R89-572 80-85        "    0.005       -9
"14990019" "Z" "2" "R89-572 85-90        "    0.009       -9
"14990020" "Z" "2" "R89-572 90-95        "    0.006       -9
"14990021" "Z" "2" "R89-572 95-100       "    0.006       -9
"14990022" "Z" "2" "R89-572 100-105      "    0.004       -9
"14990025" "Z" "2" "R89-572 105-110      "    0.003       -9
"14990026" "Z" "2" "R89-572 110-115      "    0.005       -9
"14990027" "Z" "2" "R89-572 115-120      "    0.011       -9
"14990028" "Z" "2" "R89-572 120-125      "    0.013       -9
"14990029" "Z" "2" "R89-572 125-130      "    0.009       -9
"14990030" "Z" "2" "R89-572 130-135      "    0.015       -9
"14990031" "Z" "2" "R89-572 135-140      "    0.006       -9
"14990032" "Z" "2" "R89-572 140-145      "    0.004       -9
"14990033" "Z" "2" "R89-572 145-150      "    0.005       -9
"14990034" "Z" "2" "R89-572 150-155      "    0.002       -9
"14990035" "Z" "2" "R89-572 155-160      "   -0.002    0.010
"14990037" "Z" "2" "R89-572 160-165      "    0.017       -9
"14990038" "Z" "2" "R89-572 165-170      "    0.007       -9
"14990039" "Z" "2" "R89-572 170-175      "    0.004       -9
"14990040" "Z" "2" "R89-572 175-180      "    0.008       -9
"14990041" "Z" "2" "R89-572 180-185      "    0.002       -9
"14990042" "Z" "2" "R89-572 185-190      "   -0.002       -9
"14990043" "Z" "2" "R89-572 190-195      "   -0.002       -9
"14990044" "Z" "2" "R89-572 195-200      "   -0.002       -9
"14990045" "Z" "2" "R89-572 200-205      "    0.002       -9
"14990046" "Z" "2" "R89-572 205-210      "    0.002    0.009
```

"14990049"	"Z"	"2"	"R89-572 210-215	"	-0.002	-9
"14990050"	"Z"	"2"	"R89-572 215-220	"	0.006	-9
"14990051"	"Z"	"2"	"R89-572 220-225	"	0.003	-9
"14990052"	"Z"	"2"	"R89-572 225-230	"	-0.002	-9
"14990053"	"Z"	"2"	"R89-572 230-235	"	0.004	-9
"14990054"	"Z"	"2"	"R89-572 235-240	"	-0.002	-9
"14990055"	"Z"	"2"	"R89-572 240-245	"	-0.002	-9
"14990056"	"Z"	"2"	"R89-572 245-250	"	-0.002	-9
"14990057"	"Z"	"2"	"R89-572 250-255	"	0.003	-9
"14990058"	"Z"	"2"	"R89-572 255-260	"	-0.002	-9
"14990059"	"Z"	"2"	"R89-572 260-265	"	-0.002	-9
"14990060"	"Z"	"2"	"R89-572 265-270	"	-0.002	-9
"14990062"	"Z"	"2"	"R89-572 270-275	"	-0.002	-9
"14990063"	"Z"	"2"	"R89-572 275-280	"	0.003	-9
"14990064"	"Z"	"2"	"R89-572 280-285	"	0.005	-9
"14990065"	"Z"	"2"	"R89-572 285-290	"	0.005	-9
"14990066"	"Z"	"2"	"R89-572 290-295	"	0.003	-9
"14990067"	"Z"	"2"	"R89-572 295-300	"	-0.002	-9

"END"

```
"TITLE 29-09-89 14:41:19 R89-31900.4   BARRON                20/09/89"
"CLIENT BROHM MINING CORPORATION                            "
"PROJECT NONE GIVEN      #SAMPLES:   57 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   57 0.002 999.90 Results Reported     "
"  02 AU DUP FA        OPT    0 0.002 9999.0 Cancelled            "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  57           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"REMARKS"
"  50 = DUPLICATE NOT AVAILABLE                          "
"  51 1AT GOLD (29.17G)                                  "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,2(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "AU DUP"
"19000001" "Z" "2" "R89-572 300-305     "    0.006       -9
"19000003" "Z" "2" "R89-572 305-310     "   -0.002       -9
"19000004" "Z" "2" "R89-572 310-315     "    0.010       -9
"19000005" "Z" "2" "R89-572 315-320     "    0.019       -9
"19000006" "Z" "2" "R89-572 320-325     "    0.003       -9
"19000007" "Z" "2" "R89-572 325-330     "    0.003       -9
"19000008" "Z" "2" "R89-572 330-335     "    0.053       -9
"19000009" "Z" "2" "R89-572 335-340     "    0.103       -9   330-345
"19000010" "Z" "2" "R89-572 340-345     "    0.032       -9   15' @
"19000011" "Z" "2" "R89-572 345-350     "    0.014       -9
"19000012" "Z" "2" "R89-572 350-355     "    0.006       -9
"19000013" "Z" "2" "R89-572 355-360     "    0.005       -9
"19000014" "Z" "2" "R89-572 360-365     "    0.013       -9
"19000015" "Z" "2" "R89-572 365-370     "    0.032       -9   365-370  5'
"19000016" "Z" "2" "R89-572 370-375     "    0.004       -9
"19000017" "Z" "2" "R89-572 375-380     "   -0.002       -9
"19000018" "Z" "2" "R89-572 380-385     "    0.005       -9
"19000019" "Z" "2" "R89-572 385-390     "    0.023       -9
"19000020" "Z" "2" "R89-572 390-395     "    0.039       -9   385-420
"19000021" "Z" "2" "R89-572 395-400     "    0.025       -9   35'
"19000022" "Z" "2" "R89-572 400-405     "    0.037       -9
"19000025" "Z" "2" "R89-572 405-410     "    0.029       -9
"19000026" "Z" "2" "R89-572 410-415     "    0.029       -9
"19000028" "Z" "2" "R89-572 415-420     "    0.020       -9
"19000029" "Z" "2" "R89-572 420-425     "    0.006       -9
"19000030" "Z" "2" "R89-572 425-430     "    0.003       -9
"19000031" "Z" "2" "R89-572 430-435     "    0.002       -9
"19000032" "Z" "2" "R89-572 435-440     "   -0.002       -9
"19000033" "Z" "2" "R89-572 440-445     "    0.012       -9
"19000034" "Z" "2" "R89-572 445-450     "    0.009       -9
"19000035" "Z" "2" "R89-572 450-455     "    0.012       -9
"19000036" "Z" "2" "R89-572 455-460     "    0.004       -9
"19000037" "Z" "2" "R89-572 460-465     "    0.016       -9
"19000038" "Z" "2" "R89-572 465-470     "    0.060       -9   465-470  5'
"19000039" "Z" "2" "R89-572 470-475     "    0.017       -9
"19000040" "Z" "2" "R89-572 475-480     "    0.009       -9
"19000041" "Z" "2" "R89-572 480-485     "    0.019       -9
"19000042" "Z" "2" "R89-572 485-490     "    0.006       -9
"19000043" "Z" "2" "R89-572 490-495     "    0.004       -9
"19000044" "Z" "2" "R89-592 495-500     "    0.006       -9
"19000045" "Z" "2" "R89-572 500-505     "    0.022       -9   500-505  5'
"19000046" "Z" "2" "R89-572 505-510     "    0.012       -9
```

"19000049"	"Z"	"2"	"R89-572 510-515	"	0.003	-9	
"19000050"	"Z"	"2"	"R89-572 515-520	"	0.003	-9	
"19000051"	"Z"	"2"	"R89-572 520-525	"	0.002	-9	
"19000053"	"Z"	"2"	"R89-572 525-530	"	0.002	-9	
"19000054"	"Z"	"2"	"R89-572 530-535	"	0.002	-9	
"19000055"	"Z"	"2"	"R89-572 535-540	"	-0.002	-9	
"19000056"	"Z"	"2"	"R89-572 540-545	"	0.003	-9	
"19000057"	"Z"	"2"	"R89-572 545-550	"	0.003	-9	
"19000058"	"Z"	"2"	"R89-572 550-555	"	0.018	-9	
"19000059"	"Z"	"2"	"R89-572 555-560	"	0.004	-9	
"19000060"	"Z"	"2"	"R89-572 560-565	"	-0.002	-9	
"19000061"	"Z"	"2"	"R89-572 565-570	"	-0.002	-9	
"19000062"	"Z"	"2"	"R89-572 570-575	"	0.005	-9	
"19000063"	"Z"	"2"	"R89-572 575-580	"	0.068	-9	575-580
"19000064"	"Z"	"2"	"R89-572 580-585	"	0.004	-9	

"END"

```
"TITLE 28-09-89 16:56:13 R89-31900.4   BARRON                20/09/89"
"CLIENT BROHM MINING CORPORATION                                      "
"PROJECT NONE GIVEN      #SAMPLES:   57 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   57 0.002 999.90 Results Reported     "
"  02 AU DUP FA        OPT    0 0.002 9999.0 Cancelled            "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  57           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"REMARKS"
"  50 = DUPLICATE NOT AVAILABLE                                       "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,2(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "AU DUP"
"19000001" "Z" "2" "R89-572 300-305     "    0.006       -9
"19000003" "Z" "2" "R89-572 305-310     "   -0.002       -9
"19000004" "Z" "2" "R89-572 310-315     "    0.010       -9
"19000005" "Z" "2" "R89-572 315-320     "    0.019       -9
"19000006" "Z" "2" "R89-572 320-325     "    0.003       -9
"19000007" "Z" "2" "R89-572 325-330     "    0.003       -9
"19000008" "Z" "2" "R89-572 330-335     "    0.053       -9
"19000009" "Z" "2" "R89-572 335-340     "    0.103       -9
"19000010" "Z" "2" "R89-572 340-345     "    0.032       -9
"19000011" "Z" "2" "R89-572 345-350     "    0.014       -9
"19000012" "Z" "2" "R89-572 350-355     "    0.006       -9
"19000013" "Z" "2" "R89-572 355-360     "    0.005       -9
"19000014" "Z" "2" "R89-572 360-365     "    0.013       -9
"19000015" "Z" "2" "R89-572 365-370     "    0.032       -9
"19000016" "Z" "2" "R89-572 370-375     "    0.004       -9
"19000017" "Z" "2" "R89-572 375-380     "   -0.002       -9
"19000018" "Z" "2" "R89-572 380-385     "    0.005       -9
"19000019" "Z" "2" "R89-572 385-390     "    0.023       -9
"19000020" "Z" "2" "R89-572 390-395     "    0.039       -9
"19000021" "Z" "2" "R89-572 395-400     "    0.025       -9
"19000022" "Z" "2" "R89-572 400-405     "    0.037       -9
"19000025" "Z" "2" "R89-572 405-410     "    0.029       -9
"19000026" "Z" "2" "R89-572 410-415     "    0.029       -9
"19000028" "Z" "2" "R89-572 415-420     "    0.020       -9
"19000029" "Z" "2" "R89-572 420-425     "    0.006       -9
"19000030" "Z" "2" "R89-572 425-430     "    0.003       -9
"19000031" "Z" "2" "R89-572 430-435     "    0.002       -9
"19000032" "Z" "2" "R89-572 435-440     "   -0.002       -9
"19000033" "Z" "2" "R89-572 440-445     "    0.012       -9
"19000034" "Z" "2" "R89-572 445-450     "    0.009       -9
"19000035" "Z" "2" "R89-572 450-455     "    0.012       -9
"19000036" "Z" "2" "R89-572 455-460     "    0.004       -9
"19000037" "Z" "2" "R89-572 460-465     "    0.016       -9
"19000038" "Z" "2" "R89-572 465-470     "    0.060       -9
"19000039" "Z" "2" "R89-572 470-475     "    0.017       -9
"19000040" "Z" "2" "R89-572 475-480     "    0.009       -9
"19000041" "Z" "2" "R89-572 480-485     "    0.019       -9
"19000042" "Z" "2" "R89-572 485-490     "    0.006       -9
"19000043" "Z" "2" "R89-572 490-495     "    0.004       -9
"19000044" "Z" "2" "R89-592 495-500     "    0.006       -9
"19000045" "Z" "2" "R89-572 500-505     "    0.022       -9
"19000046" "Z" "2" "R89-572 505-510     "    0.012       -9
"19000049" "Z" "2" "R89-572 510-515     "    0.003       -9
```

FINAL CALLED BC RENO TO CONFIRM

330-345 15'@

365-370

385-420 35'@

"19000050"	"Z"	"2"	"R89-572 515-520	"	0.003	-9
"19000051"	"Z"	"2"	"R89-572 520-525	"	0.002	-9
"19000053"	"Z"	"2"	"R89-572 525-530	"	0.002	-9
"19000054"	"Z"	"2"	"R89-572 530-535	"	0.002	-9
"19000055"	"Z"	"2"	"R89-572 535-540	"	-0.002	-9
"19000056"	"Z"	"2"	"R89-572 540-545	"	0.003	-9
"19000057"	"Z"	"2"	"R89-572 545-550	"	0.003	-9
"19000058"	"Z"	"2"	"R89-572 550-555	"	0.018	-9
"19000059"	"Z"	"2"	"R89-572 555-560	"	0.004	-9
"19000060"	"Z"	"2"	"R89-572 560-565	"	-0.002	-9
"19000061"	"Z"	"2"	"R89-572 565-570	"	-0.002	-9
"19000062"	"Z"	"2"	"R89-572 570-575	"	0.005	-9
"19000063"	"Z"	"2"	"R89-572 575-580	"	0.068	-9
"19000064"	"Z"	"2"	"R89-572 580-585	"	0.004	-9

"END"

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31499.4

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 _____

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
DC dry	60	R89-572	Au	
		(0-5		
		295-300)		

Total No. Samples _____ Date Shipped _____ Prepaid ☐ Collect ☐

No. Parcels in Shipment _____ Date Rec'd at Bondar-Clegg 9/14/89

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

(You will then be contacted) (approx. 1 cu. ft.) ☐

PULPS

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

Return collect immediately ☐

Return collect at year end ☐

Samples submitted by J. BARRON

Shipment number _____

Client project number _____

Purchase order number _____

Results and Invoices To Be Sent To

BROHM ☐ Results ☐ Invoice (for payment)

_____ ☐ Results ☐ Invoice (copy)

_____ ☐ Results ☐ Invoice (copy)

Printed in Canada

White - Send with Samples Yellow - Client Copy

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31900.4

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
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Anchorage, Ak. 99518
(907) 561-0909

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

Comments

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
DC dry	57	R89-572	Au	
		(300-305)		
		(580-585)		

Total No. Samples 57

Date Shipped

Prepaid ☐
Collect ☐

No. Parcels in Shipment

Date Rec'd at Bondar-Clegg 9/14/89

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

(You will then be contacted) (approx. 1 cu. ft.) ☐

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

BROHM

☐ Results
☐ Invoice (for payment)

☐ Results
☐ Invoice (copy)

☐ Results
☐ Invoice (copy)

Samples submitted by J. BARRON

Shipment number

Client project number

Purchase order number

Printed in Canada

White - Send with Samples Yellow - Client Copy

Contractor: CANG | Coordinates: 45390.94N 25622.90E | Project: W. Dakota Maid Area | Hole No.: R89-573 (95)

Drill Type: D40K | Casing Depth: | State: SD | Sheet 1 of 4

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 9/14/89 | Property: Gilt Edge

Collar Elev.: 5423.9' | Final Depth: 660' | Date Completed: 9/14/89 | 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	Assay Au	Assay Ag
			30	3	0-5		Cdh	0-65 CAMBRIAN DEADWOOD FM. HORNFELS	0-25 Oxide			
					20-25							
				2					25-65 Mixed tr-1% pyrite fig. dissm			
					45-50				tr-1% fig dissm pyrite			
									65-80 SULPHIDE 2-3% fig. dissm pyrite.			
			40	1			Cdq	65-110 CAMBRIAN DEADWOOD FM. QUARTZITE				
					70-75							
				2					80-150 MIXED tr-1% pyrite dissm w/some units			
					95-100				(80-110) ORG BRN FeOx mod-Strong (110-150) ORG BRN FeOx Light to mod.			
			10				PE	110-200 PRECAMBRIAN SCHIST mix of med to coarse grained, brown, qtz biotite schist. Sericite after biotite? or muscovite approximately 40-50% of Mica. Tr. garnet as porphyroblasts found throughout interval				
					145-150							
									150-175 SULPHIDE trace stnd by FeOx → Tr to Nil tr-1% FeS_2			
					170-175							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-573

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 4

Hole Size _____ Bearing — Inclination -90 Date Started _____ Property _____

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

DRILL CUTTING LOG

Logged by:

Distance (feet)	Graphic Logs: Alteration	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
		1/2-2%	10	2	175-180				175-240 MIXED 10-25% of chips stnd by org BRN FeOx w/ FeS2 ranging from 1/2-2%		
			↓		195-200						
			60					200-660 TRACHYTE PORPHYRY			
								(200-335) argillic to possibly sericitic alt'n chips are dull chalky white to light gray. Clay appears to be kaolinite.			
					220-225						
		2-3%			240-245				240-285 SULPHIDE FeS2 2-3% FeOx staining ≤5% of chips		
					245-250						
					270-275						
		1/2-1%			285-290				285-305 MIXED 1/2-1% FeS2 as disseminated aggregates of v. fn. grn xstals 25-40% of chips stnd by org Brn FeOx		
					295-300						
		2-3%							305-420 SULPHIDE 2-3% FeS2 as fine to med grnd disseminated sub to euhedral xstals and as disseminated aggregates of v. fn. grnd xstals.		
					320-325						
								(335-545) ALTERATION - sericitic to potassic chalky white to bleached Ttp; phenos appear to range from altered to clay to fresh looking sec. K-spar.			
					345-350						

Contractor _____ Coordinates _____ Project _____ Hole No. R89-573

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 4

Hole Size _____ Bearing — Inclination -90 Date Started _____ Property _____

Collar Elev. _____ Final Depth 660 Date Completed _____ Hole Surveyed _____

DRILL CUTTING LOG

Logged by:

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, Veinlets, Replacement)	Mineralization Type	Assay Au	Assay Ag
		2-3%	60		350-355			TRACHYTE FOR. CONT. as above	SULPHIDE CONT.			
					370-375							
					395-400							
		½%			420-425				420-445 MIXED 35-50% of chips stnd by ORG BRN FeOx, FeS2 ranges from tr to 2% disseminated as above			
		2%										
		tr										
		tr										
		tr										
		2-3%			445-450				445-480 SULPHIDE FeS2 disseminated as above ranging from 2-4%; ORG BRN FeOx is generally tr except as noted.			
		2-3%										
		3-4%										
		4%										
		2-3%										
		2%			470-475				(470-480) 10-15% of chips stnd by ORG BRN FeOx			
		2%										
		1%			2				480-520 MIXED Tr - 2% disseminated FeS2 FeOx stnd chips range from 10% to 75%.			
		1%										
		tr.										
		½%			495-500							
		2%										
		½%										
		½%										
		tr										
		3%			520-525				520-660 Sulphide			

Contractor _____ Coordinates _____ Project _____ Hole No. F89-573

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

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

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

DRILL CUTTING LOG

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	DOWN HOLE LOCATION: ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	MINERALIZATION: TYPE	ASSAY: Au	ASSAY: Ag
		4%			525-530			TRACHYTE PORPHYRY CONT.	SULPHIDE CONT.			
		1/2%							(530-535) 1/2% FeS2 50% of chips stained by Ox. Brn. FeOx			
		2%							(520-660) 2-4% FeS2 - disseminated			
		2%							As before; FeOx is tr tan il except			
		3%			545-550			(545-660) ALTERATION: Advanced Argillic to	as noted for 530-535.			
		2%						sericitic ? a pistachio green clay ~~and~~ common				
								in frts.?; chips light (pale) grn gray.				
					570-575							
		3%										
		2										
		2										
		3%										
		3%			595-600							
		2%										
					620-625							
					645-650							
								EOH @ 660'				
					670-675							
					695-700							

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 MCCLEOD
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: R89-31903.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: BARRON
DATE PRINTED: 3-OCT-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	72	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	72	2 -150	72	ASSAY PREP	72
				SAMPLE PICKUP/MILE	1
				EXCESSIVE WEINESS/LB	1005

REMARKS: 1AT GOLD (29.17G)

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

INVOICE TO: MR. JIM BARRON

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: R89-31903.4

DATE PRINTED: 3-OCT-89
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R89-573 300-305		0.008	Z2 R89-573 500-505		0.009
Z2 R89-573 305-310		0.007	Z2 R89-573 505-510		0.005
Z2 R89-573 310-315		0.004	Z2 R89-573 510-515		0.009
Z2 R89-573 315-320		0.007	Z2 R89-573 515-520		0.027
Z2 R89-573 320-325		0.007	Z2 R89-573 520-525		0.009
Z2 R89-573 325-330		0.005	Z2 R89-573 525-530		0.014
Z2 R89-573 330-335		0.007	Z2 R89-573 530-535		0.013
Z2 R89-573 335-340		0.004	Z2 R89-573 535-540		0.017
Z2 R89-573 340-345		0.003	Z2 R89-573 540-545		0.009
Z2 R89-573 345-350		0.006	Z2 R89-573 545-550		0.039
Z2 R89-573 350-355		0.003	Z2 R89-573 550-555		0.097
Z2 R89-573 355-360		0.009	Z2 R89-573 555-560		0.038
Z2 R89-573 360-365		0.009	Z2 R89-573 560-565		0.035
Z2 R89-573 365-370		0.008	Z2 R89-573 565-570		0.020
Z2 R89-573 370-375		0.006	Z2 R89-573 570-575		0.029
Z2 R89-573 375-380		0.006	Z2 R89-573 575-580		0.025
Z2 R89-573 380-385		0.003	Z2 R89-573 580-585		0.164
Z2 R89-573 385-390		0.006	Z2 R89-573 585-590		0.012
Z2 R89-573 390-395		<0.002	Z2 R89-573 590-595		0.007
Z2 R89-573 395-400		<0.002	Z2 R89-573 595-600		0.002
Z2 R89-573 400-405		0.003	Z2 R89-573 600-605		0.003
Z2 R89-573 405-410		0.012	Z2 R89-573 605-610		0.006
Z2 R89-573 410-415		0.009	Z2 R89-573 610-615		0.002
Z2 R89-573 415-420		0.011	Z2 R89-573 615-620		0.004
Z2 R89-573 420-425		0.004	Z2 R89-573 620-625		0.003
Z2 R89-573 425-430		0.006	Z2 R89-573 625-630		0.005
Z2 R89-573 430-435		0.007	Z2 R89-573 630-635		0.006
Z2 R89-573 435-440		0.007	Z2 R89-573 635-640		0.004
Z2 R89-573 440-445		0.005	Z2 R89-573 640-645		0.004
Z2 R89-573 445-450		0.005	Z2 R89-573 645-650		0.025
Z2 R89-573 450-455		0.007	Z2 R89-573 650-655		0.015
Z2 R89-573 455-460		0.010	Z2 R89-573 655-660		0.015
Z2 R89-573 460-465		0.025			
Z2 R89-573 465-470		0.018			
Z2 R89-573 470-475		0.013			
Z2 R89-573 475-480		0.013			
Z2 R89-573 480-485		0.016			
Z2 R89-573 485-490		0.022			
Z2 R89-573 490-495		0.019			
Z2 R89-573 495-500		0.017			

Bondar-Clegg, Inc.
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: R89-31903.4

DATE PRINTED: 3-OCT-89
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	
R89-573 315-320		0.007	
Duplicate		0.007	
R89-573 365-370		0.008	$\bar{x}$ = .008
Duplicate		0.009	
R89-573 425-430		0.006	
Duplicate		0.006	
R89-573 475-480		0.013	$\bar{x}$ = .012
Duplicate		0.012	
R89-573 535-540		0.017	$\bar{x}$ = .018
Duplicate		0.018	
R89-573 585-590		0.012	$\bar{x}$ = .013
Duplicate		0.014	
R89-573 645-650		0.025	$\bar{x}$ = .026
Duplicate		0.026	

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702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

BROHM MINING CORPORATION
MR. ROD MCCLEOD
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: R89-31902.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: BARRON
DATE PRINTED: 3-OCT-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
Z OTHER DRILL TYPES	60	2 -150	60	ASSAY PREP	60
				SAMPLE PICKUP/MILE	1
				EXCESSIVE WETNESS/LB	748

REMARKS: 1AT GOLD (29.17G)

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

INVOICE TO: MR. JIM BARRON

Bondar-Clegg, Inc.
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: R89-31902.4

DATE PRINTED: 3-OCT-89
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R89-573 0-5		0.002	Z2 R89-573 200-205		<0.002
Z2 R89-573 5-10		<0.002	Z2 R89-573 205-210		0.003
Z2 R89-573 10-15		<0.002	Z2 R89-573 210-215		<0.002
Z2 R89-573 15-20		<0.002	Z2 R89-573 215-220		0.002
Z2 R89-573 20-25		<0.002	Z2 R89-573 220-225		<0.002
Z2 R89-573 25-30		<0.002	Z2 R89-573 225-230		<0.002
Z2 R89-573 30-35		0.005	Z2 R89-573 230-235		0.002
Z2 R89-573 35-40		0.006	Z2 R89-573 235-240		0.002
Z2 R89-573 40-45		0.010	Z2 R89-573 240-245		0.002
Z2 R89-573 45-50		0.006	Z2 R89-573 245-250		<0.002
Z2 R89-573 50-55		0.012	Z2 R89-573 250-255		<0.002
Z2 R89-573 55-60		0.006	Z2 R89-573 255-260		0.006
Z2 R89-573 60-65		0.013	Z2 R89-573 260-265		0.003
Z2 R89-573 65-70		0.011	Z2 R89-573 265-270		0.007
Z2 R89-573 70-75		0.006	Z2 R89-573 270-275		0.008
Z2 R89-573 75-80		0.006	Z2 R89-573 275-280		0.007
Z2 R89-573 80-85		0.004	Z2 R89-573 280-285		0.014
Z2 R89-573 85-90		0.003	Z2 R89-573 285-290		0.005
Z2 R89-573 90-95		0.003	Z2 R89-573 290-295		0.011
Z2 R89-573 95-100		0.003	Z2 R89-573 295-300		0.011
Z2 R89-573 100-105		0.015			
Z2 R89-573 105-110		0.042			
Z2 R89-573 110-115		0.002			
Z2 R89-573 115-120		0.002			
Z2 R89-573 120-125		0.003			
Z2 R89-573 125-130		<0.002			
Z2 R89-573 130-135		<0.002			
Z2 R89-573 135-140		<0.002			
Z2 R89-573 140-145		0.004			
Z2 R89-573 145-150		0.002			
Z2 R89-573 150-155		<0.002			
Z2 R89-573 155-160		<0.002			
Z2 R89-573 160-165		0.002			
Z2 R89-573 165-170		<0.002			
Z2 R89-573 170-175		<0.002			
Z2 R89-573 175-180		0.041			
Z2 R89-573 180-185		0.005			
Z2 R89-573 185-190		0.004			
Z2 R89-573 190-195		0.005			
Z2 R89-573 195-200		0.003			

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

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R89-31902.4

DATE PRINTED: 3-OCT-89
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	
R89-573 10-15		<0.002	
Duplicate		<0.002	
R89-573 60-65		0.013	$\bar{x}$=.012
Duplicate		0.010	
R89-573 120-125		0.003	$\bar{x}$=.004
Duplicate		0.004	
R89-573 170-175		<0.002	
Duplicate		<0.002	
R89-573 230-235		0.002	$\bar{x}$=.002
Duplicate		0.003	
R89-573 280-285		0.014	$\bar{x}$=.014
Duplicate		0.015	

```
"TITLE 03-10-89 17:05:34 R89-31902.4   BARRON                25/09/89"
"CLIENT BROHM MINING CORPORATION                                    "
"PROJECT NONE GIVEN      #SAMPLES:   60 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   60 0.002 999.90 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  60           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"  43 P64= 748           EXCESSIVE WETNESS/LB"
"REMARKS"
"  50 1AT GOLD (29.17G)                                    "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19020001" "Z" "2" "R89-573 0-5          "    0.002
"19020002" "Z" "2" "R89-573 5-10         "   -0.002
"19020003" "Z" "2" "R89-573 10-15        "   -0.002
"19020005" "Z" "2" "R89-573 15-20        "   -0.002
"19020006" "Z" "2" "R89-573 20-25        "   -0.002
"19020007" "Z" "2" "R89-573 25-30        "   -0.002
"19020008" "Z" "2" "R89-573 30-35        "    0.005
"19020009" "Z" "2" "R89-573 35-40        "    0.006
"19020010" "Z" "2" "R89-573 40-45        "    0.010
"19020011" "Z" "2" "R89-573 45-50        "    0.006
"19020012" "Z" "2" "R89-573 50-55        "    0.012
"19020013" "Z" "2" "R89-573 55-60        "    0.006
"19020014" "Z" "2" "R89-573 60-65        "    0.013
"19020015" "Z" "2" "R89-573 65-70        "    0.011
"19020016" "Z" "2" "R89-573 70-75        "    0.006
"19020017" "Z" "2" "R89-573 75-80        "    0.006
"19020018" "Z" "2" "R89-573 80-85        "    0.004
"19020019" "Z" "2" "R89-573 85-90        "    0.003
"19020020" "Z" "2" "R89-573 90-95        "    0.003
"19020021" "Z" "2" "R89-573 95-100       "    0.003
"19020022" "Z" "2" "R89-573 100-105      "    0.015
"19020025" "Z" "2" "R89-573 105-110      "    0.042 — 105-110
"19020026" "Z" "2" "R89-573 110-115      "    0.002
"19020027" "Z" "2" "R89-573 115-120      "    0.002
"19020028" "Z" "2" "R89-573 120-125      "    0.003
"19020030" "Z" "2" "R89-573 125-130      "   -0.002
"19020031" "Z" "2" "R89-573 130-135      "   -0.002
"19020032" "Z" "2" "R89-573 135-140      "   -0.002
"19020033" "Z" "2" "R89-573 140-145      "    0.004
"19020034" "Z" "2" "R89-573 145-150      "    0.002
"19020035" "Z" "2" "R89-573 150-155      "   -0.002
"19020036" "Z" "2" "R89-573 155-160      "   -0.002
"19020037" "Z" "2" "R89-573 160-165      "    0.002
"19020038" "Z" "2" "R89-573 165-170      "   -0.002
"19020039" "Z" "2" "R89-573 170-175      "   -0.002
"19020040" "Z" "2" "R89-573 175-180      "    0.041 — 175-180
"19020041" "Z" "2" "R89-573 180-185      "    0.005
"19020042" "Z" "2" "R89-573 185-190      "    0.004
"19020043" "Z" "2" "R89-573 190-195      "    0.005
"19020044" "Z" "2" "R89-573 195-200      "    0.003
"19020045" "Z" "2" "R89-573 200-205      "   -0.002
```

"19030045"	"Z"	"2"	"R89-573	500-505	"	0.009
"19030046"	"Z"	"2"	"R89-573	505-510	"	0.005
"19030049"	"Z"	"2"	"R89-573	510-515	"	0.009
"19030050"	"Z"	"2"	"R89-573	515-520	"	0.027 — 515-520
"19030051"	"Z"	"2"	"R89-573	520-525	"	0.009
"19030052"	"Z"	"2"	"R89-573	525-530	"	0.014
"19030053"	"Z"	"2"	"R89-573	530-535	"	0.013
"19030054"	"Z"	"2"	"R89-573	535-540	"	0.017
"19030056"	"Z"	"2"	"R89-573	540-545	"	0.009
"19030057"	"Z"	"2"	"R89-573	545-550	"	0.039
"19030058"	"Z"	"2"	"R89-573	550-555	"	0.097
"19030059"	"Z"	"2"	"R89-573	555-560	"	0.038 545-585
"19030060"	"Z"	"2"	"R89-573	560-565	"	0.035 40' @ .056
"19030061"	"Z"	"2"	"R89-573	565-570	"	0.020
"19030062"	"Z"	"2"	"R89-573	570-575	"	0.029
"19030063"	"Z"	"2"	"R89-573	575-580	"	0.025
"19030064"	"Z"	"2"	"R89-573	580-585	"	0.164
"19030065"	"Z"	"2"	"R89-573	585-590	"	0.012
"19030066"	"Z"	"2"	"R89-573	590-595	"	0.007
"19030067"	"Z"	"2"	"R89-573	595-600	"	0.002
"19030068"	"Z"	"2"	"R89-573	600-605	"	0.003
"19030069"	"Z"	"2"	"R89-573	605-610	"	0.006
"19030070"	"Z"	"2"	"R89-573	610-615	"	0.002
"19030073"	"Z"	"2"	"R89-573	615-620	"	0.004
"19030074"	"Z"	"2"	"R89-573	620-625	"	0.003
"19030075"	"Z"	"2"	"R89-573	625-630	"	0.005
"19030076"	"Z"	"2"	"R89-573	630-635	"	0.006
"19030077"	"Z"	"2"	"R89-573	635-640	"	0.004
"19030078"	"Z"	"2"	"R89-573	640-645	"	0.004
"19030079"	"Z"	"2"	"R89-573	645-650	"	0.025 —
"19030081"	"Z"	"2"	"R89-573	650-655	"	0.015
"19030082"	"Z"	"2"	"R89-573	655-660	"	0.015

"END"

```
"TITLE 03-10-89 17:02:00 R89-31903.4   BARRON                25/09/89"
"CLIENT BROHM MINING CORPORATION                            "
"PROJECT NONE GIVEN      #SAMPLES:   72 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   72 0.002 999.90 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  72           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"  43 P64=1005           EXCESSIVE WETNESS/LB"
"REMARKS"
"  50 1AT GOLD (29.17G)                                  "
"  51 = RESULT BEING CHECKED                             "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"19030001" "Z" "2" "R89-573 300-305     "    0.008
"19030002" "Z" "2" "R89-573 305-310     "    0.007
"19030003" "Z" "2" "R89-573 310-315     "    0.004
"19030004" "Z" "2" "R89-573 315-320     "    0.007
"19030006" "Z" "2" "R89-573 320-325     "    0.007
"19030007" "Z" "2" "R89-573 325-330     "    0.005
"19030008" "Z" "2" "R89-573 330-335     "    0.007
"19030009" "Z" "2" "R89-573 335-340     "    0.004
"19030010" "Z" "2" "R89-573 340-345     "    0.003
"19030011" "Z" "2" "R89-573 345-350     "    0.006
"19030012" "Z" "2" "R89-573 350-355     "    0.003
"19030013" "Z" "2" "R89-573 355-360     "    0.009
"19030014" "Z" "2" "R89-573 360-365     "    0.009
"19030015" "Z" "2" "R89-573 365-370     "    0.008
"19030016" "Z" "2" "R89-573 370-375     "    0.006
"19030017" "Z" "2" "R89-573 375-380     "    0.006
"19030018" "Z" "2" "R89-573 380-385     "    0.003
"19030019" "Z" "2" "R89-573 385-390     "    0.006
"19030020" "Z" "2" "R89-573 390-395     "   -0.002
"19030021" "Z" "2" "R89-573 395-400     "   -0.002
"19030022" "Z" "2" "R89-573 400-405     "    0.003
"19030025" "Z" "2" "R89-573 405-410     "    0.012
"19030026" "Z" "2" "R89-573 410-415     "    0.009
"19030027" "Z" "2" "R89-573 415-420     "    0.011
"19030028" "Z" "2" "R89-573 420-425     "    0.004
"19030029" "Z" "2" "R89-573 425-430     "    0.006
"19030031" "Z" "2" "R89-573 430-435     "    0.007
"19030032" "Z" "2" "R89-573 435-440     "    0.007
"19030033" "Z" "2" "R89-573 440-445     "    0.005
"19030034" "Z" "2" "R89-573 445-450     "    0.005
"19030035" "Z" "2" "R89-573 450-455     "    0.007
"19030036" "Z" "2" "R89-573 455-460     "    0.010
"19030037" "Z" "2" "R89-573 460-465     "    0.025 — 460-465
"19030038" "Z" "2" "R89-573 465-470     "    0.018
"19030039" "Z" "2" "R89-573 470-475     "    0.013
"19030040" "Z" "2" "R89-573 475-480     "    0.013
"19030041" "Z" "2" "R89-573 480-485     "    0.016
"19030042" "Z" "2" "R89-573 485-490     "    0.022 — 485-490
"19030043" "Z" "2" "R89-573 490-495     "    0.019
"19030044" "Z" "2" "R89-573 495-500     "    0.017
```

"19020046"	"Z"	"2"	"R89-573 205-210	"	0.003
"19020049"	"Z"	"2"	"R89-573 210-215	"	-0.002
"19020050"	"Z"	"2"	"R89-573 215-220	"	0.002
"19020051"	"Z"	"2"	"R89-573 220-225	"	-0.002
"19020052"	"Z"	"2"	"R89-573 225-230	"	-0.002
"19020053"	"Z"	"2"	"R89-573 230-235	"	0.002
"19020055"	"Z"	"2"	"R89-573 235-240	"	0.002
"19020056"	"Z"	"2"	"R89-573 240-245	"	0.002
"19020057"	"Z"	"2"	"R89-573 245-250	"	-0.002
"19020058"	"Z"	"2"	"R89-573 250-255	"	-0.002
"19020059"	"Z"	"2"	"R89-573 255-260	"	0.006
"19020060"	"Z"	"2"	"R89-573 260-265	"	0.003
"19020061"	"Z"	"2"	"R89-573 265-270	"	0.007
"19020062"	"Z"	"2"	"R89-573 270-275	"	0.008
"19020063"	"Z"	"2"	"R89-573 275-280	"	0.007
"19020064"	"Z"	"2"	"R89-573 280-285	"	0.014
"19020065"	"Z"	"2"	"R89-573 285-290	"	0.005
"19020066"	"Z"	"2"	"R89-573 290-295	"	0.011
"19020067"	"Z"	"2"	"R89-573 295-300	"	0.011

"END"

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31902.4

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 _____

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
DC wet	60	R89-573	Au	
		0-300		

Total No. Samples _____ Date Shipped 9/15/89 Prepaid ☐ Collect ☐

No. Parcels in Shipment _____ 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

(You will then be contacted) (approx. 1 cu. ft.) ☐

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

BROHM ☐ Results ☐ Invoice (for payment)

☐ Results ☐ Invoice (copy)

☐ Results ☐ Invoice (copy)

Samples submitted by J. BARRON

Shipment number _____

Client project number _____

Purchase order number _____

Printed in Canada

White - Send with Samples Yellow - Client Copy

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31903.4

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

Type of Samples	No. of Samples	Sample Numbers (Series)	Elements to be Analyzed	Remarks
DC wet	72	R89-573	Au	
		300-305		
		655-660		
Rcvd as listed				
72 wet D.C.				
9/15/89				
A.H. + G.B.				

Total No. Samples 72 Date Shipped 9/15/89 Prepaid ☐ Collect ☐

No. Parcels in Shipment 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

(You will then be contacted) (approx. 1 cu. ft.) ☐

PULPS

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

Return collect immediately ☐

Return collect at year end ☐

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