Contractor LANG
Drill Type D40K
Hole Size
Collar Elev. 5411.1

Coordinates N 45160.38 E 28231.87
Casing Depth
Bearing – Inclination -90
Final Depth 1665'

Project Expansion
State S.D.
Date Started
Date Completed

Hole No. R89-570
Sheet 1 of 4
Property Gilt Edge / HOODO
Hole Surveyed No DTH

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, 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
		tr	100	2	0-5			0-665 TRACHYTE PORPHYRY	0-15 MIXED tr-½% diss. FeS_2		
		½%						Light Gray No visible qtz, Chalk white feldspar phenos	mostly as cubes		
		½%						Alteration: Argillic - chalk white clay coated			
		1%		1				chips 0-525	15-665 SULPHIDE		
					20-25				½-2% FeS_2 largely as ≤.5mm		
									cubes, accessionly cube up to 3-4mm		
									disseminated		
					45-50						
					70-75						
					95-100						
					120-125						
		2%									
		2%									
		1%									
					145-150						
					170-175						

DRILL CUTTING LOG

Logged by: R.J.M.

Contractor LANG | Coordinates | Project EXPANSION | Hole No. R89-570

Drill Type D40K | Casing Depth | State S.D. | Sheet 2 of 4

Hole Size | Bearing — | Inclination -90 | Date Started | Property GILT EDGE / HOODO

Collar Elev. | Final Depth 665' | Date Completed | Hole Surveyed NO DTH

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%	60	4	175-180			TRACHYTE POR. CONT.	SULPHIDE CONT			
					195-200							
					220-225							
		½% 1%										
					245-250							
		½% 1%			270-275							
		½%			295-300							
		1%			320-325							
					345-350							

DRILL CUTTING LOG

Logged by: R.J. MacLeod

Contractor LANG | Coordinates | Project EXPANSION | Hole No. P89-570

Drill Type D40K W/O Aux Air | Casing Depth | State SD | Sheet 3 of 4

Hole Size | Bearing – | Inclination -90 | Date Started | Property GOLD EDGE / HOODO

Collar Elev. | Final Depth 665' | Date Completed | Hole Surveyed NO DTH

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%	60		350-355			TRACHYTE POR. CONT.	SULPHIDE CONT.			
					370-375							
					395-400							
					420-425							
					445-450							
					470-475							
					495-500							
					520-525							

DRILL CUTTING LOG

Logged by: R.T. MacLeod

Contractor LANG | Coordinates | Project EXPANSION | Hole No. RB9-570

Drill Type D40K w/o Aux. Air | Casing Depth / | State SD | Sheet 4 of 4

Hole Size | Bearing – | Inclination -90 | Date Started | Property GILT EDGE / HOODO

Collar Elev. | Final Depth 665' | 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, Veinlets, Replacement)	TYPE	ASSAY Au	ASSAY Ag
		2%	60		525-530			TRACHYTE PORP. CONT				
								525-665 Alteration: Sericitic? start				
								to see a slight increase in FeS_2;				
								some quartz grains found; clay decreases				
		↓			545-550			Contrast between phenos + matrix is subtle.				
		1%										
		2%										
		↓			570-575							
		1%										
					595-600							
		↓										
		2%										
		1%										
		1%			620-625							
		2%										
		↓			645-650							
		1%										
		1%										
		2%	↓					EOH		EOH		
					670-675							
					695-700							

DRILL CUTTING LOG

Logged by: R.J. MacLeod

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: D89-31491.4 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 29-SEP-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
				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

DATE PRINTED: 29-SEP-89

REPORT: D89-31491.4

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-570 0-5		0.003
D2 R89-570 5-10		0.002
D2 R89-570 10-15		<0.002
D2 R89-570 15-20		<0.002
D2 R89-570 20-25		<0.002
D2 R89-570 25-30		0.004
D2 R89-570 30-35		<0.002
D2 R89-570 35-40		<0.002
D2 R89-570 40-45		<0.002
D2 R89-570 45-50		0.017
D2 R89-570 50-55		<0.002
D2 R89-570 55-60		0.002
D2 R89-570 60-65		0.002
D2 R89-570 65-70		<0.002
D2 R89-570 70-75		0.006
D2 R89-570 75-80		0.003
D2 R89-570 80-85		0.002
D2 R89-570 85-90		0.002
D2 R89-570 90-95		<0.002
D2 R89-570 95-100		0.003
D2 R89-570 100-105		0.002
D2 R89-570 105-110		<0.002
D2 R89-570 110-115		<0.002
D2 R89-570 115-120		0.007
D2 R89-570 120-125		0.010
D2 R89-570 125-130		0.004
D2 R89-570 130-135		<0.002
D2 R89-570 135-140		<0.002
D2 R89-570 140-145		0.005
D2 R89-570 145-150		0.003
D2 R89-570 150-155		0.006
D2 R89-570 155-160		0.005
D2 R89-570 160-165		0.005
D2 R89-570 165-170		<0.002
D2 R89-570 170-175		0.005
D2 R89-570 175-180		0.003
D2 R89-570 180-185		0.003
D2 R89-570 185-190		0.006
D2 R89-570 190-195		0.008
D2 R89-570 195-200		0.008
D2 R89-570 200-205		0.008
D2 R89-570 205-210		0.004
D2 R89-570 210-215		<0.002
D2 R89-570 215-220		0.006
D2 R89-570 220-225		0.007
D2 R89-570 225-230		0.008
D2 R89-570 230-235		0.005
D2 R89-570 235-240		<0.002
D2 R89-570 240-245		0.004
D2 R89-570 245-250		0.003
D2 R89-570 250-255		0.006
D2 R89-570 255-260		0.006
D2 R89-570 260-265		0.008
D2 R89-570 265-270		0.010
D2 R89-570 270-275		0.002
D2 R89-570 275-280		0.005
D2 R89-570 280-285		0.004
D2 R89-570 285-290		0.004
D2 R89-570 290-295		0.005
D2 R89-570 295-300		0.003

RECEIVED
OCT 5 1989
BROHM MINING CO.

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

BC
BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

BROHM MINING CORPORATION
MR. ROD 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: R89-31492.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

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

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	45	0.002 OPT		Fire Assay
2	AU DUP GOLD DUPLICATE -150	0	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	45	2 -150	45	ASSAY PREP	45
				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.
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: R89-31492.4

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

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	AU DUP OPT
Z2 R89-570 300-305		0.004	
Z2 R89-570 305-310		0.002	
Z2 R89-570 310-315		<0.002	
DUPLICATE		<0.002	
Z2 R89-570 315-320		<0.002	
Z2 R89-570 320-325		0.002	
Z2 R89-570 325-330		0.005	
Z2 R89-570 330-335		0.013	
Z2 R89-570 335-340		0.007	
Z2 R89-570 340-345		0.003	
Z2 R89-570 345-350		0.003	
Z2 R89-570 350-355		0.008	
Z2 R89-570 355-360		0.006	
Z2 R89-570 360-365		0.011	$\bar{x} = .012$
DUPLICATE		0.012	
Z2 R89-570 365-370		0.011	
Z2 R89-570 370-375		0.014	
Z2 R89-570 375-380		0.007	
Z2 R89-570 380-385		0.004	
Z2 R89-570 385-390		0.006	
Z2 R89-570 390-395		0.004	
Z2 R89-570 395-400		0.004	
Z2 R89-570 400-405		0.003	
Z2 R89-570 405-410		0.005	
Z2 R89-570 410-415		0.011	
Z2 R89-570 415-420		0.007	
Z2 R89-570 420-425		0.007	$\bar{x} = .008$
DUPLICATE		0.008	
Z2 R89-570 425-430		0.008	
Z2 R89-570 430-435		0.015	
Z2 R89-570 435-440		0.009	
Z2 R89-570 440-445		0.006	
Z2 R89-570 445-450		0.012	
Z2 R89-570 450-455		0.008	
Z2 R89-570 455-460		0.007	
Z2 R89-570 460-465		0.006	
Z2 R89-570 465-470		0.005	
Z2 R89-570 470-475		0.011	$\bar{x} = .010$
DUPLICATE		0.010	
Z2 R89-570 475-480		0.010	
Z2 R89-570 480-485		0.007	
Z2 R89-570 485-490		0.012	
Z2 R89-570 490-495		0.010	
Z2 R89-570 495-500		0.014	
Z2 R89-570 500-505		0.009	
Z2 R89-570 505-510		0.013	
Z2 R89-570 510-515		0.010	
Z2 R89-570 515-520		0.008	
Z2 R89-570 520-525		0.007	

OCT 2 1989
BROHM MINING CO.

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BROHM MINING CO.

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: D89-31494.4 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 30-SEP-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	28	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	28	2 -150	28	Assay Prep	28
				Excessive Wetness	616
				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

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Geochemical Lab Report

DATE PRINTED: 30-SEP-89

REPORT: D89-31494.4

PROJECT: NONE LISTED PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-570-525-530		0.007
D2 R89-570-530-535		0.003
D2 R89-570-535-540		0.014
D2 R89-570-540-545		0.004
D2 R89-570-545-550		0.021
D2 R89-570-550-555		0.016
D2 R89-570-555-560		0.007
D2 R89-570-560-565		0.016
D2 R89-570-565-570		0.016
D2 R89-570-570-575		0.003
D2 R89-570-575-580		0.002
D2 R89-570-580-585		0.009
D2 R89-570-585-590		<0.002
D2 R89-570-590-595		0.004
D2 R89-570-595-600		<0.002
D2 R89-570-600-605		0.005
D2 R89-570-605-610		0.003
D2 R89-570-610-615		0.002
D2 R89-570-615-620		0.002
D2 R89-570-620-625		0.002
D2 R89-570-625-630		0.003
D2 R89-570-630-635		0.004
D2 R89-570-635-640		0.003
D2 R89-570-640-645		0.005
D2 R89-570-645-650		0.007
D2 R89-570-650-655		<0.002
D2 R89-570-655-660		0.006
D2 R89-570-660-665		0.009

RECEIVED
OCT 5 1989
BROHM MINING CO.

```
"TITLE 29-09-89 14:30:32 D89-31491.4   J. BARRON            15/09/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   60 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   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  60           Assay Prep          "
"  42 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"
"14910001" "D" "2" "R89-570 0-5          "    0.003
"14910003" "D" "2" "R89-570 5-10         "    0.002
"14910004" "D" "2" "R89-570 10-15        "   -0.002
"14910005" "D" "2" "R89-570 15-20        "   -0.002
"14910006" "D" "2" "R89-570 20-25        "   -0.002
"14910007" "D" "2" "R89-570 25-30        "    0.004
"14910008" "D" "2" "R89-570 30-35        "   -0.002
"14910009" "D" "2" "R89-570 35-40        "   -0.002
"14910010" "D" "2" "R89-570 40-45        "   -0.002
"14910011" "D" "2" "R89-570 45-50        "    0.017
"14910012" "D" "2" "R89-570 50-55        "   -0.002
"14910013" "D" "2" "R89-570 55-60        "    0.002
"14910014" "D" "2" "R89-570 60-65        "    0.002
"14910015" "D" "2" "R89-570 65-70        "   -0.002
"14910016" "D" "2" "R89-570 70-75        "    0.006
"14910017" "D" "2" "R89-570 75-80        "    0.003
"14910018" "D" "2" "R89-570 80-85        "    0.002
"14910019" "D" "2" "R89-570 85-90        "    0.002
"14910020" "D" "2" "R89-570 90-95        "   -0.002
"14910021" "D" "2" "R89-570 95-100       "    0.003
"14910022" "D" "2" "R89-570 100-105      "    0.002
"14910023" "D" "2" "R89-570 105-110      "   -0.002
"14910024" "D" "2" "R89-570 110-115      "   -0.002
"14910025" "D" "2" "R89-570 115-120      "    0.007
"14910026" "D" "2" "R89-570 120-125      "    0.010
"14910028" "D" "2" "R89-570 125-130      "    0.004
"14910029" "D" "2" "R89-570 130-135      "   -0.002
"14910030" "D" "2" "R89-570 135-140      "   -0.002
"14910031" "D" "2" "R89-570 140-145      "    0.005
"14910032" "D" "2" "R89-570 145-150      "    0.003
"14910033" "D" "2" "R89-570 150-155      "    0.006
"14910034" "D" "2" "R89-570 155-160      "    0.005
"14910035" "D" "2" "R89-570 160-165      "    0.005
"14910036" "D" "2" "R89-570 165-170      "   -0.002
"14910037" "D" "2" "R89-570 170-175      "    0.005
"14910038" "D" "2" "R89-570 175-180      "    0.003
"14910039" "D" "2" "R89-570 180-185      "    0.003
"14910040" "D" "2" "R89-570 185-190      "    0.006
"14910041" "D" "2" "R89-570 190-195      "    0.008
"14910042" "D" "2" "R89-570 195-200      "    0.008
"14910043" "D" "2" "R89-570 200-205      "    0.008
```

"14910044"	"D"	"2"	"R89-570 205-210	"	0.004
"14910045"	"D"	"2"	"R89-570 210-215	"	-0.002
"14910046"	"D"	"2"	"R89-570 215-220	"	0.006
"14910047"	"D"	"2"	"R89-570 220-225	"	0.007
"14910048"	"D"	"2"	"R89-570 225-230	"	0.008
"14910049"	"D"	"2"	"R89-570 230-235	"	0.005
"14910050"	"D"	"2"	"R89-570 235-240	"	-0.002
"14910051"	"D"	"2"	"R89-570 240-245	"	0.004
"14910053"	"D"	"2"	"R89-570 245-250	"	0.003
"14910054"	"D"	"2"	"R89-570 250-255	"	0.006
"14910055"	"D"	"2"	"R89-570 255-260	"	0.006
"14910056"	"D"	"2"	"R89-570 260-265	"	0.008
"14910057"	"D"	"2"	"R89-570 265-270	"	0.010
"14910058"	"D"	"2"	"R89-570 270-275	"	0.002
"14910059"	"D"	"2"	"R89-570 275-280	"	0.005
"14910060"	"D"	"2"	"R89-570 280-285	"	0.004
"14910061"	"D"	"2"	"R89-570 285-290	"	0.004
"14910062"	"D"	"2"	"R89-570 290-295	"	0.005
"14910063"	"D"	"2"	"R89-570 295-300	"	0.003

"END"

```
"TITLE 27-09-89 08:42:24 R89-31492.4   BARRON                18/09/89"
"CLIENT BROHM MINING CORPORATION                                      "
"PROJECT NONE GIVEN      #SAMPLES:   45 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   45 0.002 999.90 Results Reported     "
"  02 AU DUP FA        OPT    0 0.002 9999.0 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  45           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"
"14920001" "Z" "2" "R89-570 300-305      "    0.004       -9
"14920002" "Z" "2" "R89-570 305-310      "    0.002       -9
"14920003" "Z" "2" "R89-570 310-315      "   -0.002       -9
"14920005" "Z" "2" "R89-570 315-320      "   -0.002       -9
"14920006" "Z" "2" "R89-570 320-325      "    0.002       -9
"14920007" "Z" "2" "R89-570 325-330      "    0.005       -9
"14920008" "Z" "2" "R89-570 330-335      "    0.013       -9
"14920009" "Z" "2" "R89-570 335-340      "    0.007       -9
"14920010" "Z" "2" "R89-570 340-345      "    0.003       -9
"14920011" "Z" "2" "R89-570 345-350      "    0.003       -9
"14920012" "Z" "2" "R89-570 350-355      "    0.008       -9
"14920013" "Z" "2" "R89-570 355-360      "    0.006       -9
"14920014" "Z" "2" "R89-570 360-365      "    0.011       -9
"14920015" "Z" "2" "R89-570 365-370      "    0.011       -9
"14920016" "Z" "2" "R89-570 370-375      "    0.014       -9
"14920017" "Z" "2" "R89-570 375-380      "    0.007       -9
"14920018" "Z" "2" "R89-570 380-385      "    0.004       -9
"14920019" "Z" "2" "R89-570 385-390      "    0.006       -9
"14920020" "Z" "2" "R89-570 390-395      "    0.004       -9
"14920021" "Z" "2" "R89-570 395-400      "    0.004       -9
"14920022" "Z" "2" "R89-570 400-405      "    0.003       -9
"14920025" "Z" "2" "R89-570 405-410      "    0.005       -9
"14920026" "Z" "2" "R89-570 410-415      "    0.011       -9
"14920027" "Z" "2" "R89-570 415-420      "    0.007       -9
"14920028" "Z" "2" "R89-570 420-425      "    0.007       -9
"14920030" "Z" "2" "R89-570 425-430      "    0.008       -9
"14920031" "Z" "2" "R89-570 430-435      "    0.015       -9
"14920032" "Z" "2" "R89-570 435-440      "    0.009       -9
"14920033" "Z" "2" "R89-570 440-445      "    0.006       -9
"14920034" "Z" "2" "R89-570 445-450      "    0.012       -9
"14920035" "Z" "2" "R89-570 450-455      "    0.008       -9
"14920036" "Z" "2" "R89-570 455-460      "    0.007       -9
"14920037" "Z" "2" "R89-570 460-465      "    0.006       -9
"14920038" "Z" "2" "R89-570 465-470      "    0.005       -9
"14920039" "Z" "2" "R89-570 470-475      "    0.011       -9
"14920040" "Z" "2" "R89-570 475-480      "    0.010       -9
"14920041" "Z" "2" "R89-570 480-485      "    0.007       -9
"14920042" "Z" "2" "R89-570 485-490      "    0.012       -9
"14920043" "Z" "2" "R89-570 490-495      "    0.010       -9
"14920044" "Z" "2" "R89-570 495-500      "    0.014       -9
"14920045" "Z" "2" "R89-570 500-505      "    0.009       -9
"14920046" "Z" "2" "R89-570 505-510      "    0.013       -9
```

SITE #36
HOODO

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"14920049" "Z" "2" "R89-570 510-515      "     0.010        -9
"14920050" "Z" "2" "R89-570 515-520      "     0.008        -9
"14920051" "Z" "2" "R89-570 520-525      "     0.007        -9
"END"
```

10/2/89

```
"TITLE 30-09-89 12:38:20 D89-31494.4   J. BARRON            18/09/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   28 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   28 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  28           Assay Prep          "
"  42 P64= 616           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"
"14940001" "D" "2" "R89-570-525-530     "    0.007
"14940002" "D" "2" "R89-570-530-535     "    0.003
"14940003" "D" "2" "R89-570-535-540     "    0.014
"14940004" "D" "2" "R89-570-540-545     "    0.004
"14940006" "D" "2" "R89-570-545-550     "    0.021
"14940007" "D" "2" "R89-570-550-555     "    0.016
"14940008" "D" "2" "R89-570-555-560     "    0.007
"14940009" "D" "2" "R89-570-560-565     "    0.016
"14940010" "D" "2" "R89-570-565-570     "    0.016
"14940011" "D" "2" "R89-570-570-575     "    0.003
"14940012" "D" "2" "R89-570-575-580     "    0.002
"14940013" "D" "2" "R89-570-580-585     "    0.009
"14940014" "D" "2" "R89-570-585-590     "   -0.002
"14940015" "D" "2" "R89-570-590-595     "    0.004
"14940016" "D" "2" "R89-570-595-600     "   -0.002
"14940017" "D" "2" "R89-570-600-605     "    0.005
"14940018" "D" "2" "R89-570-605-610     "    0.003
"14940019" "D" "2" "R89-570-610-615     "    0.002
"14940020" "D" "2" "R89-570-615-620     "    0.002
"14940021" "D" "2" "R89-570-620-625     "    0.002
"14940022" "D" "2" "R89-570-625-630     "    0.003
"14940023" "D" "2" "R89-570-630-635     "    0.004
"14940024" "D" "2" "R89-570-635-640     "    0.003
"14940025" "D" "2" "R89-570-640-645     "    0.005
"14940026" "D" "2" "R89-570-645-650     "    0.007
"14940027" "D" "2" "R89-570-650-655     "   -0.002
"14940028" "D" "2" "R89-570-655-660     "    0.006
"14940029" "D" "2" "R89-570-660-665     "    0.009
"END"
```

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31491.4

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-~~50~~570	Au	
		(0-5) —		
		(295-300)		

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

No. Parcels in Shipment _____ Date Rec'd at Bondar-Clegg 9/13/89

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

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-314924

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	45	D R89-5701	Au	
		(300-305)		
		(520-525)		

Total No. Samples 45 Date Shipped _____ 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

BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31494.4

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	28	R89-570	Au	
		525-530		
		660-665		

Total No. Samples _____ Date Shipped 9/13/89 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

```
"TITLE 04-10-89 08:13:08 D89-31498.4   J. BARRON            18/09/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   60 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   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  60           Assay Prep          "
"  42 P64=1320           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"
"14980001" "D" "2" "R89-571-300-305     "    0.011
"14980002" "D" "2" "R89-571-305-310     "    0.002
"14980003" "D" "2" "R89-571-310-315     "    0.011
"14980004" "D" "2" "R89-571-315-320     "    0.006
"14980005" "D" "2" "R89-571-320-325     "    0.002
"14980006" "D" "2" "R89-571-325-330     "    0.011
"14980007" "D" "2" "R89-571-330-335     "    0.002
"14980008" "D" "2" "R89-571-335-340     "    0.003
"14980010" "D" "2" "R89-571-340-345     "    0.007
"14980011" "D" "2" "R89-571-345-350     "    0.007
"14980012" "D" "2" "R89-571-350-355     "    0.006
"14980013" "D" "2" "R89-571-355-360     "    0.037
"14980014" "D" "2" "R89-571-360-365     "    0.046
"14980015" "D" "2" "R89-571-365-370     "    0.038
"14980016" "D" "2" "R89-571-370-375     "    0.014
"14980017" "D" "2" "R89-571-375-380     "    0.007
"14980018" "D" "2" "R89-571-380-385     "    0.014
"14980019" "D" "2" "R89-571-385-390     "    0.006
"14980020" "D" "2" "R89-571-390-395     "    0.007
"14980021" "D" "2" "R89-571-395-400     "    0.012
"14980022" "D" "2" "R89-571-400-405     "    0.017
"14980023" "D" "2" "R89-571-405-410     "    0.017
"14980024" "D" "2" "R89-571-410-415     "    0.025
"14980025" "D" "2" "R89-571-415-420     "    0.026
"14980026" "D" "2" "R89-571-420-425     "    0.018
"14980027" "D" "2" "R89-571-425-430     "    0.010
"14980028" "D" "2" "R89-571-430-435     "    0.008
"14980029" "D" "2" "R89-571-435-440     "    0.019
"14980030" "D" "2" "R89-571-440-445     "    0.020
"14980031" "D" "2" "R89-571-445-450     "    0.016
"14980032" "D" "2" "R89-571-450-455     "    0.018
"14980033" "D" "2" "R89-571-455-460     "    0.009
"14980035" "D" "2" "R89-571-460-465     "    0.011
"14980036" "D" "2" "R89-571-465-470     "    0.008
"14980037" "D" "2" "R89-571-470-475     "    0.014
"14980038" "D" "2" "R89-571-475-480     "    0.025
"14980039" "D" "2" "R89-571-480-485     "    0.005
"14980040" "D" "2" "R89-571-485-490     "    0.006
"14980041" "D" "2" "R89-571-490-495     "    0.007
"14980042" "D" "2" "R89-571-495-500     "    0.036
"14980043" "D" "2" "R89-571-500-505     "    0.027
```

355 - 370
15' @ .040

410-420 10' @ .026

- 440-445

- 475-480

"14980044"	"D"	"2"	"R89-571-505-510	"	0.015
"14980045"	"D"	"2"	"R89-571-510-515	"	0.043
"14980046"	"D"	"2"	"R89-571-515-520	"	0.036
"14980047"	"D"	"2"	"R89-571-520-525	"	0.034
"14980048"	"D"	"2"	"R89-571-525-530	"	0.011
"14980049"	"D"	"2"	"R89-571-530-535	"	0.013
"14980050"	"D"	"2"	"R89-571-535-540	"	0.004
"14980051"	"D"	"2"	"R89-571-540-545	"	0.008
"14980052"	"D"	"2"	"R89-571-545-550	"	0.007
"14980053"	"D"	"2"	"R89-571-550-555	"	0.007
"14980054"	"D"	"2"	"R89-571-555-560	"	0.009
"14980055"	"D"	"2"	"R89-571-560-565	"	0.005
"14980056"	"D"	"2"	"R89-571-565-570	"	0.020
"14980057"	"D"	"2"	"R89-571-570-575	"	0.189
"14980058"	"D"	"2"	"R89-571-575-580	"	0.028
"14980060"	"D"	"2"	"R89-571-580-585	"	0.058
"14980061"	"D"	"2"	"R89-571-585-590	"	0.026
"14980062"	"D"	"2"	"R89-571-590-595	"	0.029
"14980063"	"D"	"2"	"R89-571-595-600	"	0.015

"END"

495-525
30' @ .032

515-~~525~~ 665
40' @ ~~.058~~

```
"TITLE 29-09-89 14:27:22 D89-31497.4   J. BARRON            18/09/89"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   60 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   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  60           Assay Prep          "
"  42 P64=1034           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"
"14970001" "D" "2" "R89-571-0-5          "    0.038
"14970002" "D" "2" "R89-571-5-10         "    0.041
"14970003" "D" "2" "R89-571-10-15        "    0.018
"14970004" "D" "2" "R89-571-15-20        "    0.020
"14970005" "D" "2" "R89-571-20-25        "    0.011
"14970006" "D" "2" "R89-571-25-30        "    0.010
"14970007" "D" "2" "R89-571-30-35        "    0.012
"14970009" "D" "2" "R89-571-35-40        "    0.010
"14970010" "D" "2" "R89-571-40-45        "    0.007
"14970011" "D" "2" "R89-571-45-50        "    0.002
"14970012" "D" "2" "R89-571-50-55        "    0.003
"14970013" "D" "2" "R89-571-55-60        "   -0.002
"14970014" "D" "2" "R89-571-60-65        "    0.003
"14970015" "D" "2" "R89-571-65-70        "    0.004
"14970016" "D" "2" "R89-571-70-75        "    0.002
"14970017" "D" "2" "R89-571-75-80        "    0.003
"14970018" "D" "2" "R89-571-80-85        "    0.003
"14970019" "D" "2" "R89-571-85-90        "    0.003
"14970020" "D" "2" "R89-571-90-95        "   -0.002
"14970021" "D" "2" "R89-571-95-100       "   -0.002
"14970022" "D" "2" "R89-571-100-105      "    0.009
"14970023" "D" "2" "R89-571-105-110      "    0.002
"14970024" "D" "2" "R89-571-110-115      "    0.003
"14970025" "D" "2" "R89-571-115-120      "   -0.002
"14970026" "D" "2" "R89-571-120-125      "   -0.002
"14970027" "D" "2" "R89-571-125-130      "    0.009
"14970028" "D" "2" "R89-571-130-135      "    0.005
"14970029" "D" "2" "R89-571-135-140      "    0.005
"14970030" "D" "2" "R89-571-140-145      "    0.004
"14970031" "D" "2" "R89-571-145-150      "    0.010
"14970032" "D" "2" "R89-571-150-155      "    0.006
"14970034" "D" "2" "R89-571-155-160      "    0.007
"14970035" "D" "2" "R89-571-160-165      "    0.004
"14970036" "D" "2" "R89-571-165-170      "    0.011
"14970037" "D" "2" "R89-571-170-175      "    0.012
"14970038" "D" "2" "R89-571-175-180      "    0.014
"14970039" "D" "2" "R89-571-180-185      "    0.014
"14970040" "D" "2" "R89-571-185-190      "    0.010
"14970041" "D" "2" "R89-571-190-195      "    0.013
```

0 - 20
20' @ .029

"14970042"	"D"	"2"	"R89-571-195-200	"	0.006
"14970043"	"D"	"2"	"R89-571-200-205	"	0.016
"14970044"	"D"	"2"	"R89-571-205-210	"	0.007
"14970045"	"D"	"2"	"R89-571-210-215	"	0.008
"14970046"	"D"	"2"	"R89-571-215-220	"	0.007
"14970047"	"D"	"2"	"R89-571-220-225	"	0.016
"14970048"	"D"	"2"	"R89-571-225-230	"	0.010
"14970049"	"D"	"2"	"R89-571-230-235	"	0.002
"14970050"	"D"	"2"	"R89-571-235-240	"	0.015
"14970051"	"D"	"2"	"R89-571-240-245	"	0.015
"14970052"	"D"	"2"	"R89-571-245-250	"	0.013
"14970053"	"D"	"2"	"R89-571-250-255	"	0.009
"14970054"	"D"	"2"	"R89-571-255-260	"	0.065
"14970055"	"D"	"2"	"R89-571-260-265	"	0.010
"14970056"	"D"	"2"	"R89-571-265-270	"	0.005
"14970057"	"D"	"2"	"R89-571-270-275	"	0.008
"14970059"	"D"	"2"	"R89-571-275-280	"	0.038
"14970060"	"D"	"2"	"R89-571-280-285	"	0.018
"14970061"	"D"	"2"	"R89-571-285-290	"	0.011
"14970062"	"D"	"2"	"R89-571-290-295	"	0.018
"14970063"	"D"	"2"	"R89-571-295-300	"	0.037

"END"

```
"TITLE 02-10-89 11:05:46 R89-31901.4   BARRON                25/09/89"
"CLIENT BROHM MINING CORPORATION                                    "
"PROJECT NONE GIVEN      #SAMPLES:   48 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   48 0.002 999.90 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=Z      OTHER DRILL TYPES   "
"  41 P17=  48           ASSAY PREP          "
"  42 P98=   1           SAMPLE PICKUP/MILE  "
"  43 P64= 888           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"
"19010001" "Z" "2" "R89-571 600-605     "    0.026 — 600-605    5' @
"19010002" "Z" "2" "R89-571 605-610     "    0.009
"19010004" "Z" "2" "R89-571 610-615     "    0.016
"19010005" "Z" "2" "R89-571 615-620     "    0.015
"19010006" "Z" "2" "R89-571 620-625     "    0.008
"19010007" "Z" "2" "R89-571 625-630     "    0.004
"19010008" "Z" "2" "R89-571 630-635     "    0.007
"19010009" "Z" "2" "R89-571 635-640     "    0.003
"19010010" "Z" "2" "R89-571 640-645     "   -0.002
"19010011" "Z" "2" "R89-571 645-650     "   -0.002
"19010012" "Z" "2" "R89-571 650-655     "   -0.002
"19010013" "Z" "2" "R89-571 655-660     "   -0.002
"19010014" "Z" "2" "R89-571 660-665     "    0.004
"19010015" "Z" "2" "R89-571 665-670     "   -0.002
"19010016" "Z" "2" "R89-571 670-675     "   -0.002
"19010017" "Z" "2" "R89-571 675-680     "    0.005
"19010018" "Z" "2" "R89-571 680-685     "    0.003
"19010019" "Z" "2" "R89-571 685-690     "    0.004
"19010020" "Z" "2" "R89-571 690-695     "    0.005
"19010021" "Z" "2" "R89-571 695-700     "    0.005
"19010022" "Z" "2" "R89-571 700-705     "    0.030 700-705   5' @ .03
"19010025" "Z" "2" "R89-571 705-710     "    0.010
"19010026" "Z" "2" "R89-571 710-715     "   -0.002
"19010027" "Z" "2" "R89-571 715-720     "    0.011
"19010029" "Z" "2" "R89-571 720-725     "    0.022 720-725   5' @ .022
"19010030" "Z" "2" "R89-571 725-730     "    0.004
"19010031" "Z" "2" "R89-571 730-735     "    0.016
"19010032" "Z" "2" "R89-571 735-740     "    0.012
"19010033" "Z" "2" "R89-571 740-745     "    0.005
"19010034" "Z" "2" "R89-571 745-750     "    0.021 }
"19010035" "Z" "2" "R89-571 750-755     "    0.020 } 745-760   15' @ .028
"19010036" "Z" "2" "R89-571 755-760     "    0.044 }
"19010037" "Z" "2" "R89-571 760-765     "    0.012
"19010038" "Z" "2" "R89-571 765-770     "    0.007
"19010039" "Z" "2" "R89-571 770-775     "    0.008
"19010040" "Z" "2" "R89-571 775-780     "    0.027 }
"19010041" "Z" "2" "R89-571 780-785     "    0.029 } 775-790   15' @ .035
"19010042" "Z" "2" "R89-571 785-790     "    0.049 }
"19010043" "Z" "2" "R89-571 790-795     "    0.011
"19010044" "Z" "2" "R89-571 795-800     "    0.006
"19010045" "Z" "2" "R89-571 800-805     "    0.006
"19010046" "Z" "2" "R89-571 805-810     "    0.011
"19010049" "Z" "2" "R89-571 810-815     "    0.015
```

"19010050"	"Z"	"2"	"R89-571 815-820	"	0.008
"19010051"	"Z"	"2"	"R89-571 820-825	"	0.039
"19010052"	"Z"	"2"	"R89-571 825-830	"	0.011
"19010054"	"Z"	"2"	"R89-571 830-835	"	0.007
"19010055"	"Z"	"2"	"R89-571 835-840	"	0.021

"END"

820-840
20' @ .020

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. D89-31497.4

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	R89-571 0-300	Au	

Total No. Samples 60 Date Shipped _____ 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. D89-31498-4

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	R89-571	Au	
		(300-305)		
		(595-600)		

Total No. Samples 60 Date Shipped 9/14/89 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 ☐

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. D89-31901.4

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	48	R89-571	Au	
		600-605		
		835-840		

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

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: D89-31497.4 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 29-SEP-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	1034
				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

DATE PRINTED: 29-SEP-89

REPORT: D89-31497.4

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-571-0-5		0.038	D2 R89-571-200-205		0.016
D2 R89-571-5-10		0.041	D2 R89-571-205-210		0.007
D2 R89-571-10-15		0.018	D2 R89-571-210-215		0.008
D2 R89-571-15-20		0.020	D2 R89-571-215-220		0.007
D2 R89-571-20-25		0.011	D2 R89-571-220-225		0.016
D2 R89-571-25-30		0.010	D2 R89-571-225-230		0.010
D2 R89-571-30-35		0.012	D2 R89-571-230-235		0.002
D2 R89-571-35-40		0.010	D2 R89-571-235-240		0.015
D2 R89-571-40-45		0.007	D2 R89-571-240-245		0.015
D2 R89-571-45-50		0.002	D2 R89-571-245-250		0.013
D2 R89-571-50-55		0.003	D2 R89-571-250-255		0.009
D2 R89-571-55-60		<0.002	D2 R89-571-255-260		0.065
D2 R89-571-60-65		0.003	D2 R89-571-260-265		0.010
D2 R89-571-65-70		0.004	D2 R89-571-265-270		0.005
D2 R89-571-70-75		0.002	D2 R89-571-270-275		0.008
D2 R89-571-75-80		0.003	D2 R89-571-275-280		0.038
D2 R89-571-80-85		0.003	D2 R89-571-280-285		0.018
D2 R89-571-85-90		0.003	D2 R89-571-285-290		0.011
D2 R89-571-90-95		<0.002	D2 R89-571-290-295		0.018
D2 R89-571-95-100		<0.002	D2 R89-571-295-300		0.037
D2 R89-571-100-105		0.009			
D2 R89-571-105-110		0.002			
D2 R89-571-110-115		0.003			
D2 R89-571-115-120		<0.002			
D2 R89-571-120-125		<0.002			
D2 R89-571-125-130		0.009			
D2 R89-571-130-135		0.005			
D2 R89-571-135-140		0.005			
D2 R89-571-140-145		0.004			
D2 R89-571-145-150		0.010			
D2 R89-571-150-155		0.006			
D2 R89-571-155-160		0.007			
D2 R89-571-160-165		0.004			
D2 R89-571-165-170		0.011			
D2 R89-571-170-175		0.012			
D2 R89-571-175-180		0.014			
D2 R89-571-180-185		0.014			
D2 R89-571-185-190		0.010			
D2 R89-571-190-195		0.013			
D2 R89-571-195-200		0.006			

RECEIVED
OCT 5 1989
BROHM MINING CO.

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

BC
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: D89-31498.4 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 4-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
D DRILL CORE	60	2 -150	60	Assay Prep	60
				Excessive Wetness	1320
				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

DATE PRINTED: 4-OCT-89

REPORT: D89-31498.4

PROJECT: NONE LISTED

RECEIVED OCT - 6 1989 ROHM MINING CO.

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R89-571-300-305		0.011	D2 R89-571-500-505		0.027
D2 R89-571-305-310		0.002	D2 R89-571-505-510		0.015
D2 R89-571-310-315		0.011	D2 R89-571-510-515		0.043
D2 R89-571-315-320		0.006	D2 R89-571-515-520		0.036
D2 R89-571-320-325		0.002	D2 R89-571-520-525		0.034
D2 R89-571-325-330		0.011	D2 R89-571-525-530		0.011
D2 R89-571-330-335		0.002	D2 R89-571-530-535		0.013
D2 R89-571-335-340		0.003	D2 R89-571-535-540		0.004
D2 R89-571-340-345		0.007	D2 R89-571-540-545		0.008
D2 R89-571-345-350		0.007	D2 R89-571-545-550		0.007
D2 R89-571-350-355		0.006	D2 R89-571-550-555		0.007
D2 R89-571-355-360		0.037	D2 R89-571-555-560		0.009
D2 R89-571-360-365		0.046	D2 R89-571-560-565		0.005
D2 R89-571-365-370		0.038	D2 R89-571-565-570		0.020
D2 R89-571-370-375		0.014	D2 R89-571-570-575		0.189
D2 R89-571-375-380		0.007	D2 R89-571-575-580		0.028
D2 R89-571-380-385		0.014	D2 R89-571-580-585		0.058
D2 R89-571-385-390		0.006	D2 R89-571-585-590		0.026
D2 R89-571-390-395		0.007	D2 R89-571-590-595		0.029
D2 R89-571-395-400		0.012	D2 R89-571-595-600		0.015
D2 R89-571-400-405		0.017			
D2 R89-571-405-410		0.017			
D2 R89-571-410-415		0.025			
D2 R89-571-415-420		0.026			
D2 R89-571-420-425		0.018			
D2 R89-571-425-430		0.010			
D2 R89-571-430-435		0.008			
D2 R89-571-435-440		0.019			
D2 R89-571-440-445		0.020			
D2 R89-571-445-450		0.016			
D2 R89-571-450-455		0.018			
D2 R89-571-455-460		0.009			
D2 R89-571-460-465		0.011			
D2 R89-571-465-470		0.008			
D2 R89-571-470-475		0.014			
D2 R89-571-475-480		0.025			
D2 R89-571-480-485		0.005			
D2 R89-571-485-490		0.006			
D2 R89-571-490-495		0.007			
D2 R89-571-495-500		0.036			

RECEIVED
OCT 6 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

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R89-31901.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: BARRON
DATE PRINTED: 2-OCT-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	48	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
Z OTHER DRILL TYPES	48	2 -150	48	ASSAY PREP	48
				SAMPLE PICKUP/MILE	1
				EXCESSIVE WEIGHTS/LB	888

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

DATE PRINTED: 2-OCT-89

REPORT: R89-31901.4

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R89-571 600-605		0.026
Z2 R89-571 605-610		0.009 $\bar{x}$=.012
DUPLICATE		0.015
Z2 R89-571 610-615		0.016
Z2 R89-571 615-620		0.015
Z2 R89-571 620-625		0.008
Z2 R89-571 625-630		0.004
Z2 R89-571 630-635		0.007
Z2 R89-571 635-640		0.003
Z2 R89-571 640-645		<0.002
Z2 R89-571 645-650		<0.002
Z2 R89-571 650-655		<0.002
Z2 R89-571 655-660		<0.002 $\bar{x}$=.001
DUPLICATE		0.002
Z2 R89-571 660-665		0.004
Z2 R89-571 665-670		<0.002
Z2 R89-571 670-675		<0.002
Z2 R89-571 675-680		0.005
Z2 R89-571 680-685		0.003
Z2 R89-571 685-690		0.004
Z2 R89-571 690-695		0.005
Z2 R89-571 695-700		0.005
Z2 R89-571 700-705		0.030
Z2 R89-571 705-710		0.010
Z2 R89-571 710-715		<0.002
Z2 R89-571 715-720		0.011 $\bar{x}$=.019
DUPLICATE		0.027
Z2 R89-571 720-725		0.022
Z2 R89-571 725-730		0.004
Z2 R89-571 730-735		0.016
Z2 R89-571 735-740		0.012
Z2 R89-571 740-745		0.005
Z2 R89-571 745-750		0.021
Z2 R89-571 750-755		0.020
Z2 R89-571 755-760		0.044
Z2 R89-571 760-765		0.012
Z2 R89-571 765-770		0.007 $\bar{x}$=.006
DUPLICATE		0.006
Z2 R89-571 770-775		0.008
Z2 R89-571 775-780		0.027
Z2 R89-571 780-785		0.029
Z2 R89-571 785-790		0.049
Z2 R89-571 790-795		0.011
Z2 R89-571 795-800		0.006
Z2 R89-571 800-805		0.006
Z2 R89-571 805-810		0.011
Z2 R89-571 810-815		0.015
Z2 R89-571 815-820		0.008
Z2 R89-571 820-825		0.039
Z2 R89-571 825-830		0.011 $\bar{x}$=.010
DUPLICATE		0.009
Z2 R89-571 830-835		0.007
Z2 R89-571 835-840		0.021

Contractor LANG | Coordinates 44,906.0 N 26,123.84E | Project EXPANSION | Hole No. R89-571 (#10)

Drill Type DH-1 w/ Aux Air | Casing Depth | State SD | Sheet 1 of 5

Hole Size | Bearing — | Inclination -90 | Date Started | Property GILT EDGE / WEST DAR. MAID

Collar Elev. 5349.1 | Final Depth 840' | Date Completed | Hole Surveyed

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Ag
		tr	1	3	0-5		TAILS/Qal	0-50 TAILS + COLLUVIUM	0-50	OXIDE		
		Nil		0					Tr FeS_2 from 0-5	No Visible		
									FeS_2 45-50			
					20-25							
					45-50							
		1/2% to 1%	10	2 1			PE/QMS	50-110 PRECAMBRIAN → QUARTZ MICA SCHIST 55-60 75% of chips are metachert 60-110 10% of chips are metachert Schist is med to DK brown biotite rich	50-55 55-840 (55-110)	MIXED SULPHIDE 1/2 - 1% FeS_2		
					70-75							
					95-100							
		3-4%	60				Ttp	110-122 TRACHYTE PORPHYRY	(110-125)	2-4% FeS_2		
		3-4%					Ttp	No visible qtz phenos, Green-Gray ROCK, light gray feldspar phenos				
		2%	10		120-125		PE/QMS	122-170 PRECAMBRIAN → QUARTZ MICA SCHIST				
		1/2-1%						As between 50-110; 5-10% white metachert chips.	(125-170)	1/2 - 1% FeS_2		
					145-150							
		3-4%	60		170-175		Ttp	170-180 TRACHYTE PORPHYRY As Above	(170-180)	3-4% FeS_2		

DRILL CUTTING LOG

Logged by: R.J. MacLeod

Contractor _____ Coordinates _____ Project EXPANSION Hole No. R89-571 (#10)

Drill Type _____ Casing Depth _____ State SD Sheet 2 of 5

Hole Size _____ Bearing — Inclination -90 Date Started _____ Property GILT EDGE / WEST DAK. MAID

Collar Elev. _____ Final Depth 840' 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	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY Au	ASSAY Ag
		3-4%	60	2	175-180		Ttp	TRACHYTE POR. CONT	SULPHIDE CONT		
		½-1%	10				Pt/QMS	180-275 PRECAMBRIAN → QUARTZ MICA SCHIST	(180-230) ½-1% FeS_2		
					195-200						
					220-225						
		2-3%							(230-275) 1-2% FeS_2		
					245-250						
					270-275						
		3-5%	20				Pt/chert	275-295 PRECAMBRIAN → METACHERT	(275-300) 3-5% FeS_2		
			10		295-300		Pt/QMS	295-390 PRECAMBRIAN → QUARTZ MICA SCHIST			
		1-2%						(305-310) 80% Metachert	(300-360) 1-2% FeS_2; FeS_2 generally increases within "cherty" intervals		
					320-325						
								(340-345) 80% Metachert			
					345-350						

DRILL CUTTING LOG

Logged by: R.J. Macleod

Contractor _____ Coordinates _____ Project _____ Hole No. R89-571 (#10)

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 5

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

Collar Elev. _____ Final Depth 840' Date Completed _____ Hole Surveyed _____

DRILL CUTTING LOG

Logged by: R.J. MacLeod

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, 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
		1-2%	10	1	350-355		PE/QMS	PRECAMBRIAN → QUARTZ MICA SCHIST CONT.	SULPHIDE CONT.		
								(350-355) 70% Chert			
		5-7%									
		5-7%							(360-370) 5-7% FeS_2		
		1-2%			370-375			(370-375) 80% chert	(370-390) 1-2% FeS_2		
		2-3%	20				PE/CHERT		(390-530) 2-3% FeS_2		
					395-400			390-420 PRECAMBRIAN → METACHERT			
			10		420-425		PE/QMS	420-435 PRECAMBRIAN → QUARTZ MICA-SCHIST			
			20				PE/Chert	435-440 PRECAMBRIAN → METACHERT-GRAPHITIC			
			10				PE/QMS	440-450 PRECAMBRIAN → QUARTZ MICA SCHIST			
			10		445-450						
			20				PE/CHERT	450-455 PRECAMBRIAN → METACHERT			
			10				PE/QMS	455-495 PRECAMBRIAN → QUARTZ MICA SCHIST			
								(465-470) 70% chert			
					470-475						
			60		495-500		Ttp	495-510 TRACHYTE PORPHYRY			
			20				PE/CHERT	510-520 PRECAMBRIAN → METACHERT (GRAPHITIC)			
			20								
			10		520-525		PE/QMS	520-535 PRECAMBRIAN → QUARTZ MICA SCHIST			

Contractor _____ Coordinates _____ Project _____ Hole No. R89-571 (#10)

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 5

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

Collar Elev. _____ Final Depth 840' 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, Volatile, Replacement)	Type	Assay: Au	Assay: Ag
		2-3%	10	1	525-530		Pt / QMS	PRECAMBRIAN → QUARTZ MICA SCHIST CONT	SULPHIDE CONT			
		1-2%	↓						(530-700) 1-2% FeS_2			
			20				Pt / CHERT	535-540 PRECAMBRIAN → META CHERT				
			10				Pt / QMS	540-570 PRECAMBRIAN → QUARTZ MICA SCHIST				
					545-550							
			↓				↓					
			20		570-575		Pt / CHERT	570-575 PRECAMBRIAN → METACHERT				
			10				Pt / QMS	575-590 PRECAMBRIAN → QUARTZ MICA SHIST				
			↓				↓					
			20				Pt / CHERT	590-595 PRECAMBRIAN → META CHERT				
			10		595-600		Pt / QMS	595-620 PRECAMBRIAN → QUARTZ MICA SCHIST				
			↓				↓					
			10		620-625		Pt / AMP	620-675 PRECAMBRIAN → AMPHIBOLITE				
					645-650							
					670-675							
							Pt / QMS	675-700 PRECAMBRIAN → QUARTZ MICA SCHIST				
			↓	↓	695-700		↓					

DRILL CUTTING LOG

Logged by: R.J. MacLeod

Contractor _____ Coordinates _____ Project _____ Hole No. R89-571

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

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

Collar Elev. _____ Final Depth 840' 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	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY: Au	Ag
		5%	20	2	700-705		Pt/CHERT	700-705 PRECAMBRIAN → METACHERT	SULPHIDE CONT.			
		1-2%	10				Pt/QMS	705-735 PRECAMBRIAN → QUARTZ MICA SCHIST	(700-705) 5% FeS2			
									705-800 1-2% FeS2			
					720-725							
							Pt/AMP	735-775 PRECAMBRIAN → AMPHIBOLITE				
					745-750							
					770-775							
							Pt/QMS	775-800 PRECAMBRIAN → QUARTZ MICA SCHIST				
					795-800			EOH	EOH			
					820-825							
					835-840			EOH	EOH			
					845-850							
					870-875							

DRILL CUTTING LOG

Logged by: R.T. MacLeod