Contractor: Douglas Exploration | Coordinates: 27045.57 E, 44100.35 N | Project: SE Langley Oxide Expl. | Hole No. R91-777 (C-23)

Drill Type: I.R.I. Rhaan (RVC) | Casing Depth: | State: SD | Sheet 1 of 1

Hole Size: 4 1/2 | Bearing: due W. | Inclination: -60° | Date Started: 9-10-91 ~3:00 AM | Property:

Collar Elev.: 5505.99 | Final Depth: 100' | Date Completed: 9-11-91 8:30 AM | Hole Surveyed: NO

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	% Sulfides	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution, Massive, Disseminated, Veinlet, Replacement	Type	BMC Assay AA Au	BC Fire Au
			1	3	0-5	Oxide	Fill	0-10 Fill, Talus of Quartz Trachyte Porphyry	0-50 Oxide (No visible sulfides)		.005	
											.003	
			NR				NR	10-15 No Return			-2	
			30				Edh	15-35 Camb. Deadwood Hornfels, v. f.g., tan & cream colored			.005	
					20-25						.007	.007
											.010	.013
				2		tr			30-75 Oxide, tr-1% pyrite		.014	.010
			40				Eda	35-75 Camb. Deadwood Quartzite, fg.-m.g. "dirty"	minor FeOx (30-55) tr. pyrite		.012	.018
											.001	.004
					45-50						.006	.009
					50-55						.004	.008
					55-60	1%			(55-75) ~1% f.g. disem. pyrite		.003	.005
											.003	.008
											.001	nil
					70-75						.002	.005
			80	3		Oxide	Ttp	75-100 Quartz Trachyte Porphyry, m.g. orange-brown FeOx stained	75-100 Oxide (No visible sulfides)		.009	.008
											.008	.008
											.004	.005
											.001	
			↓		95-100	↓	↓	Hole T.D. @ 100'			.001	
					120-125							
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Knightfer

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

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

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

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

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R91-12037.4 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BROHM MINING CORPORATION
PROJECT: NONE GIVEN

SUBMITTED BY: MACLEOD
DATE PRINTED: 27-SEP-91

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	91	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	91	4 AS REC'D	91	AS RECEIVED. NO SP	91

NOTES: # indicates ERRATIC RESULTS

REMARKS: THE FOLLOWING SAMPLES WERE LISTED AS INCLUDED.
HOWEVER WE NOTE THAT THEY WERE MISSING:
R91-778: 125-130, 130-135, 135-140, 140-145,
145-150.

#ERRATIC RESULTS OBSERVED ON THE FOLLOWING:
R91-779 40-45--.014 AND <.002 OPT.
K GAMMON

REPORT COPIES TO: MR. ROD MACLEOD

INVOICE TO: MR. ROD MACLEOD

Bondar-Clegg, Inc.
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Geochemical Lab Report

DATE PRINTED: 27-SEP-91

REPORT: R91-12037.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-777 20-25		0.007	P4 R91-779 45-50		0.017
P4 R91-777 25-30		0.013	P4 R91-779 50-55		0.026
P4 R91-777 30-35		0.010	P4 R91-779 55-60		0.017
P4 R91-777 35-40		0.018	P4 R91-779 60-65		0.011
P4 R91-777 40-45		0.004	P4 R91-779 65-70		0.030
P4 R91-777 45-50		0.009	P4 R91-779 70-75		0.020
P4 R91-777 50-55		0.008	P4 R91-779 75-80		0.012
P4 R91-777 55-60		0.005	P4 R91-779 80-85		0.011
P4 R91-777 60-65		0.008	P4 R91-779 85-90		0.015
P4 R91-777 65-70		<0.002	P4 R91-779 90-95		0.012
P4 R91-777 70-75		0.005	P4 R91-779 95-100		0.010
P4 R91-777 75-80		0.008	P4 R91-779 100-105		0.024
P4 R91-777 80-85		0.008	P4 R91-779 105-110		0.012
P4 R91-777 85-90		0.005	P4 R91-779 110-115		0.010
P4 R91-778 10-15		0.006	P4 R91-779 115-120		0.035
P4 R91-778 15-20		0.013	P4 R91-779 120-125		<0.002
P4 R91-778 20-25		0.014	P4 R91-783 0-5		0.105
P4 R91-778 25-30		<0.002	P4 R91-783 5-10		0.037
P4 R91-778 30-35		0.010	P4 R91-783 10-15		0.042
P4 R91-778 35-40		0.004	P4 R91-783 15-20		0.028
P4 R91-778 40-45		0.025	P4 R91-783 20-25		0.010
P4 R91-778 75-80		0.007	P4 R91-783 25-30		0.014
P4 R91-778 80-85		0.007	P4 R91-783 30-35		0.013
P4 R91-778 85-90		0.018	P4 R91-783 35-40		0.029
P4 R91-778 90-95		0.006	P4 R91-783 40-45		0.021
P4 R91-778 95-100		0.009	P4 R91-783 45-50		0.035
P4 R91-778 100-105		0.010	P4 R91-783 50-55		0.013
P4 R91-778 105-110		0.009	P4 R91-783 55-60		0.010
P4 R91-778 110-115		0.010	P4 R91-783 60-65		0.008
P4 R91-778 115-120		0.011	P4 R91-783 65-70		0.014
P4 R91-778 120-125		0.015	P4 R91-783 70-75		0.032
P4 R91-779 0-5		0.012	P4 R91-783 75-80		0.037
P4 R91-779 5-10		0.008	P4 R91-783 80-85		0.046
P4 R91-779 10-15		0.010	P4 R91-783 85-90		0.033
P4 R91-779 15-20		0.028	P4 R91-783 90-95		0.017
P4 R91-779 20-25		0.026	P4 R91-783 95-100		0.041
P4 R91-779 25-30		0.016	P4 R91-783 100-105		0.267
P4 R91-779 30-35		0.018	P4 R91-783 105-110		0.048
P4 R91-779 35-40		0.015	P4 R91-783 110-115		0.015
P4 R91-779 40-45		0.008#	P4 R91-783 115-120		0.010

Bondar-Clegg, Inc.
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Geochemical Lab Report

DATE PRINTED: 27-SEP-91

REPORT: R91-12037.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
P4 R91-783 120-125		0.012
P4 R91-783 125-130		0.036
P4 R91-783 130-135		0.057
P4 R91-783 135-140		0.044
P4 R91-783 140-145		0.094
P4 R91-783 145-150		0.006
P4 R91-783 150-155		0.005
P4 R91-783 155-160		0.014
P4 R91-783 160-165		0.017
P4 R91-783 165-170		0.021
P4 R91-783 170-175		0.009

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PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au OPT	STANDARD NAME	ELEMENT UNITS	Au OPT
ANALYTICAL BLANK		<0.002			
ANALYTICAL BLANK		<0.002			
ANALYTICAL BLANK		<0.002			
Number of Analyses		3			
Mean Value		0.0010			
Standard Deviation		0.00000			
Accepted Value		0.002			
Number of Analyses		-			
Mean Value		-			
Standard Deviation		-			
Accepted Value		0.150			
AU ASSAY STD		0.013			
Number of Analyses		1			
Mean Value		0.0130			
Standard Deviation		-			
Accepted Value		0.015			

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BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 27-SEP-91

REPORT: R91-12037.4 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
R91-777 55-60		0.005			
Duplicate		0.008			
R91-778 25-30		<0.002			
Duplicate		<0.002			
R91-778 115-120		0.011			
Duplicate		0.008			
R91-779 40-45		0.008#			
Duplicate		0.014			
R91-779 100-105		0.024			
Duplicate		0.017			
R91-783 25-30		0.014			
Duplicate		0.010			
R91-783 85-90		0.033			
Duplicate		0.032			
R91-783 135-140		0.044			
Duplicate		0.043			
R91-783 140-145		0.094			
Duplicate		0.093			

```
"TITLE 27-09-91 16:29:48 R91-12037.4   MACLEOD                    23/09/91"
"CLIENT BROHM MINING CORPORATION                                  "
"PROJECT NONE GIVEN      #SAMPLES:   91"
"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   91 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=P      PREPARED PULP       "
"  41 P68=  91           AS RECEIVED, NO SP  "
"REMARKS"
"  50 THE FOLLOWING SAMPLES WERE LISTED AS INCLUDED, "
"  51 HOWEVER WE NOTE THAT THEY WERE MISSING;         "
"  52 R91-778:  125-130, 130-135, 135-140, 140-145.   "
"  53           145-150.                              "
"  54 #ERRATIC RESULTS OBSERVED ON THE FOLLOWING:     "
"  55 R91-779 40-45--.014 AND <.002 OPT.              "
"  56                          K GAMMON               "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"20370001" "P" "4" "R91-777 20-25        "    0.007
"20370002" "P" "4" "R91-777 25-30        "    0.013
"20370003" "P" "4" "R91-777 30-35        "    0.010
"20370004" "P" "4" "R91-777 35-40        "    0.018
"20370005" "P" "4" "R91-777 40-45        "    0.004
"20370006" "P" "4" "R91-777 45-50        "    0.009
"20370007" "P" "4" "R91-777 50-55        "    0.008
"20370008" "P" "4" "R91-777 55-60        "    0.005
"20370010" "P" "4" "R91-777 60-65        "    0.008
"20370011" "P" "4" "R91-777 65-70        "   -0.002
"20370012" "P" "4" "R91-777 70-75        "    0.005
"20370013" "P" "4" "R91-777 75-80        "    0.008
"20370014" "P" "4" "R91-777 80-85        "    0.008
"20370015" "P" "4" "R91-777 85-90        "    0.005
"20370016" "P" "4" "R91-778 10-15        "    0.006
"20370017" "P" "4" "R91-778 15-20        "    0.013
"20370018" "P" "4" "R91-778 20-25        "    0.014
"20370019" "P" "4" "R91-778 25-30        "   -0.002
"20370020" "P" "4" "R91-778 30-35        "    0.010
"20370021" "P" "4" "R91-778 35-40        "    0.004
"20370022" "P" "4" "R91-778 40-45        "    0.025
"20370025" "P" "4" "R91-778 75-80        "    0.007
"20370026" "P" "4" "R91-778 80-85        "    0.007
"20370027" "P" "4" "R91-778 85-90        "    0.018
"20370028" "P" "4" "R91-778 90-95        "    0.006
"20370029" "P" "4" "R91-778 95-100       "    0.009
"20370030" "P" "4" "R91-778 100-105      "    0.010
"20370031" "P" "4" "R91-778 105-110      "    0.009
"20370032" "P" "4" "R91-778 110-115      "    0.010
"20370033" "P" "4" "R91-778 115-120      "    0.011
"20370035" "P" "4" "R91-778 120-125      "    0.015
"20370036" "P" "4" "R91-779 0-5          "    0.012
"20370037" "P" "4" "R91-779 5-10         "    0.008
"20370038" "P" "4" "R91-779 10-15        "    0.010
"20370039" "P" "4" "R91-779 15-20        "    0.028
"20370040" "P" "4" "R91-779 20-25        "    0.026
"20370041" "P" "4" "R91-779 25-30        "    0.016
"20370042" "P" "4" "R91-779 30-35        "    0.018
```

15-25
10' @ .027

"20370043"	"P"	"4"	"R91-779	35-40	"	0.015
"20370044"	"P"	"4"	"R91-779	40-45	"	0.008
"20370045"	"P"	"4"	"R91-779	45-50	"	0.017
"20370046"	"P"	"4"	"R91-779	50-55	"	0.026
"20370049"	"P"	"4"	"R91-779	55-60	"	0.017
"20370050"	"P"	"4"	"R91-779	60-65	"	0.011
"20370051"	"P"	"4"	"R91-779	65-70	"	0.030
"20370052"	"P"	"4"	"R91-779	70-75	"	0.020
"20370053"	"P"	"4"	"R91-779	75-80	"	0.012
"20370054"	"P"	"4"	"R91-779	80-85	"	0.011
"20370055"	"P"	"4"	"R91-779	85-90	"	0.015
"20370056"	"P"	"4"	"R91-779	90-95	"	0.012
"20370057"	"P"	"4"	"R91-779	95-100	"	0.010
"20370058"	"P"	"4"	"R91-779	100-105	"	0.024
"20370060"	"P"	"4"	"R91-779	105-110	"	0.012
"20370061"	"P"	"4"	"R91-779	110-115	"	0.010
"20370062"	"P"	"4"	"R91-779	115-120	"	0.035
"20370063"	"P"	"4"	"R91-779	120-125	"	-0.002
"20370064"	"P"	"4"	"R91-783	0-5	"	0.105
"20370065"	"P"	"4"	"R91-783	5-10	"	0.037
"20370066"	"P"	"4"	"R91-783	10-15	"	0.042
"20370067"	"P"	"4"	"R91-783	15-20	"	0.028
"20370068"	"P"	"4"	"R91-783	20-25	"	0.010
"20370069"	"P"	"4"	"R91-783	25-30	"	0.014
"20370070"	"P"	"4"	"R91-783	30-35	"	0.013
"20370073"	"P"	"4"	"R91-783	35-40	"	0.029
"20370074"	"P"	"4"	"R91-783	40-45	"	0.021
"20370075"	"P"	"4"	"R91-783	45-50	"	0.035
"20370076"	"P"	"4"	"R91-783	50-55	"	0.013
"20370077"	"P"	"4"	"R91-783	55-60	"	0.010
"20370078"	"P"	"4"	"R91-783	60-65	"	0.008
"20370079"	"P"	"4"	"R91-783	65-70	"	0.014
"20370080"	"P"	"4"	"R91-783	70-75	"	0.032
"20370081"	"P"	"4"	"R91-783	75-80	"	0.037
"20370082"	"P"	"4"	"R91-783	80-85	"	0.046
"20370083"	"P"	"4"	"R91-783	85-90	"	0.033
"20370085"	"P"	"4"	"R91-783	90-95	"	0.017
"20370086"	"P"	"4"	"R91-783	95-100	"	0.041
"20370087"	"P"	"4"	"R91-783	100-105	"	0.267
"20370088"	"P"	"4"	"R91-783	105-110	"	0.048
"20370089"	"P"	"4"	"R91-783	110-115	"	0.015
"20370090"	"P"	"4"	"R91-783	115-120	"	0.010
"20370091"	"P"	"4"	"R91-783	120-125	"	0.012
"20370092"	"P"	"4"	"R91-783	125-130	"	0.036
"20370093"	"P"	"4"	"R91-783	130-135	"	0.057
"20370094"	"P"	"4"	"R91-783	135-140	"	0.044
"20370097"	"P"	"4"	"R91-783	140-145	"	0.094
"20370098"	"P"	"4"	"R91-783	145-150	"	0.006
"20370099"	"P"	"4"	"R91-783	150-155	"	0.005
"20370100"	"P"	"4"	"R91-783	155-160	"	0.014
"20370101"	"P"	"4"	"R91-783	160-165	"	0.017
"20370102"	"P"	"4"	"R91-783	165-170	"	0.021
"20370103"	"P"	"4"	"R91-783	170-175	"	0.009

"END"

50-75
25' @ .021

55' @ .022 W.A.6

100-120
20' @ .020

0-20
20' @ .053

35-50
15' @ .028

65-110
45' @ .058

105' @ .051 W.A.6.

125-145
20' @ .058

BC
BONDAR-CLEGG

SUBMITTAL FORM

LAB. REPORT NO. R91-12037

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
PULPS	14	R91-777 20-25 thru 85-90	1AT FIRE	
	22	R91-778 10-15 thru 40-45		
		and 75-80 thru 145-150		
	25	R91-779 0-5 thru 120-125		
	35	R91-783 0-5 thru 170-175		

Total No. Samples 96

Date Shipped 9/18/91

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

PULPS

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

Return collect immediately ☑

Return collect at year end ☐

Samples submitted by R.J. MacLeod

Shipment number

Client project number

Purchase order number

Results and Invoices To Be Sent To

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

☑ Results
☑ Invoice (for payment)

☐ Results
☐ Invoice (copy)

☐ Results
☐ Invoice (copy)

Printed in Canada

White - Send with Samples Yellow - Client Copy

****
* DrillHole : R91-777 *
****

COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27045.57	44100.35	5505.99	270.00	-60.00	100.00	9/10/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.005	0.005	1.	3.
5.00	10.00	5.00	0.003	0.003	1.	3.
10.00	15.00	5.00	-1.000	-1.000	99.	-1.
15.00	20.00	5.00	0.005	0.005	30.	3.
20.00	25.00	5.00	0.007	0.007	30.	3.
25.00	30.00	5.00	0.013	0.013	30.	3.
30.00	35.00	5.00	0.010	0.010	30.	2.
35.00	40.00	5.00	0.018 .021	0.018	40.	2.
40.00	45.00	5.00	0.004	0.004	40.	2.
45.00	50.00	5.00	0.009	0.009	40.	2.
50.00	55.00	5.00	0.008	0.008	40.	2.
55.00	60.00	5.00	0.005	0.005	40.	2.
60.00	65.00	5.00	0.008	0.008	40.	2.
65.00	70.00	5.00	0.000	0.000	40.	2.
70.00	75.00	5.00	0.~~005~~.004	0.005	40.	2.
75.00	80.00	5.00	0.008	0.008	80.	3.
80.00	85.00	5.00	0.008	0.008	80.	3.
85.00	90.00	5.00	0.005	0.005	80.	3.
90.00	95.00	5.00	0.001	0.001	80.	3.
95.00	100.00	5.00	0.001	0.001	80.	3.

Pit-Bench-Pattern #
R91-777

Submittal Date
9-11-91

Exploration

BLADE GOLD

(4)

Bot BeCH Blake
and
FIRE DETERMINATIONS

DATE: 9-12

NAME: MM

NO 10-15

(14)

	SAMPLE	FIRE Au.	BeCH Au.		SAMPLE	FIRE Au.	BeCH Au.
1.	0-5		.005	25.	Standard ✓		
2.	5-10		.003	26.			
3.	15-20		.005	27.			
4.	20-25	B	.007	28.			
5.	25-30	B	.010	29.			
6.	30-35	B	.014	30.			
7.	35-40	B	.012	31.			
8.	Standard ✓		.015	32.			
9.	40-45	B	.001	33.			
10.	r7		.028	34.			
11.	45-50	B	.006	35.			
12.	50-55	B	.004	36.			
13.	55-60	B	.003	37.			
14.	60-65	B	.003	38.			
15.	65-70	B	.001	39.			
16.				40.			
17.				41.			
18.	70-75	B	.002	42.	Standard ✓		
19.	75-80	B	.009	43.			
20.	80-85	B	.008	44.			
21.	85-90	B	.004	45.			
22.	90-95		.001	46.			
23.	95-100		.001	47.			
24.				48.			

Pit-Bench-Pattern #
R91-777

Submittal Date
9-11-91

EXPLORATION
BLAST HOLE

(9)

Bot BoCN Blake
and
FIRE DETERMINATIONS

DATE: 9-12

NAME: MM

No 10-15

	SAMPLE	FIRE Au.	BoCN Au.		SAMPLE	FIRE Au.	BoCN Au.
1.	0-5		.005	25.	Standard ✓		
2.	5-10		.003	26.			
3.	15-20		.005	27.			
4.	20-25		.007	28.			
5.	25-30		.010	29.			
6.	30-35		.014	30.			
7.	35-40		.012	31.			
8.	Standard ✓		.015	32.			
9.	40-45		.001	33.			
10.	V 7		.028	34.			
11.	45-50		.006	35.			
12.	50-55		.004	36.			
13.	55-60		.003	37.			
14.	60-65		.003	38.			
15.	65-70		.001	39.			
16.				40.			
17.				41.			
18.	70-75		.002	42.	Standard ✓		
19.	75-80		.009	43.			
20.	80-85		.008	44.			
21.	85-90		.004	45.			
22.	90-95		.001	46.			
23.	95-100		.001	47.			
24.				48.			

```
"TITLE 27-09-91 16:29:48 R91-12037.4   MACLEOD                    23/09/91"
"CLIENT BROHM MINING CORPORATION                                          "
"PROJECT NONE GIVEN        #SAMPLES:    91"
"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   91 0.002 999999 Results Reported      "
"SAMPLE PREPS"
"   40 SAMPLE TYPE=P       PREPARED PULP        "
"   41 P68=  91            AS RECEIVED, NO SP   "
"REMARKS"
"   50 THE FOLLOWING SAMPLES WERE LISTED AS INCLUDED.  "
"   51 HOWEVER WE NOTE THAT THEY WERE MISSING;         "
"   52 R91-778:  125-130, 130-135, 135-140, 140-145,   "
"   53           145-150.                              "
"   54 #ERRATIC RESULTS OBSERVED ON THE FOLLOWING:     "
"   55 R91-779 40-45--.014 AND <.002 OPT.              "
"   56                              K GAMMON           "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"20370001" "P" "4" "R91-777 20-25          "     0.007
"20370002" "P" "4" "R91-777 25-30          "     0.013
"20370003" "P" "4" "R91-777 30-35          "     0.010
"20370004" "P" "4" "R91-777 35-40          "     0.018
"20370005" "P" "4" "R91-777 40-45          "     0.004
"20370006" "P" "4" "R91-777 45-50          "     0.009
"20370007" "P" "4" "R91-777 50-55          "     0.008
"20370008" "P" "4" "R91-777 55-60          "     0.005
"20370010" "P" "4" "R91-777 60-65          "     0.008
"20370011" "P" "4" "R91-777 65-70          "    -0.002
"20370012" "P" "4" "R91-777 70-75          "     0.005
"20370013" "P" "4" "R91-777 75-80          "     0.008
"20370014" "P" "4" "R91-777 80-85          "     0.008
"20370015" "P" "4" "R91-777 85-90          "     0.005
"20370016" "P" "4" "R91-778 10-15          "     0.006
"20370017" "P" "4" "R91-778 15-20          "     0.013
"20370018" "P" "4" "R91-778 20-25          "     0.014
"20370019" "P" "4" "R91-778 25-30          "    -0.002
"20370020" "P" "4" "R91-778 30-35          "     0.010
"20370021" "P" "4" "R91-778 35-40          "     0.004
"20370022" "P" "4" "R91-778 40-45          "     0.025
"20370025" "P" "4" "R91-778 75-80          "     0.007
"20370026" "P" "4" "R91-778 80-85          "     0.007
"20370027" "P" "4" "R91-778 85-90          "     0.018
"20370028" "P" "4" "R91-778 90-95          "     0.006
"20370029" "P" "4" "R91-778 95-100         "     0.009
"20370030" "P" "4" "R91-778 100-105        "     0.010
"20370031" "P" "4" "R91-778 105-110        "     0.009
"20370032" "P" "4" "R91-778 110-115        "     0.010
"20370033" "P" "4" "R91-778 115-120        "     0.011
"20370035" "P" "4" "R91-778 120-125        "     0.015
"20370036" "P" "4" "R91-779 0-5            "     0.012
"20370037" "P" "4" "R91-779 5-10           "     0.008
"20370038" "P" "4" "R91-779 10-15          "     0.010
"20370039" "P" "4" "R91-779 15-20          "     0.028
"20370040" "P" "4" "R91-779 20-25          "     0.026
"20370041" "P" "4" "R91-779 25-30          "     0.016
"20370042" "P" "4" "R91-779 30-35          "     0.018
```

15-25
10' @ .027

Contractor: Douglas Exploration
Drill Type: I.D.I Buggy (RVC)
Hole Size: 4 1/2"
Collar Elev.: 5507.89

Coordinates: 27084.91 E / 44197.97 N
Casing Depth:
Bearing: due W Inclination: -45°
Final Depth: 160'

Project: SE Langley Oxide Expl.
State: SD
Date Started: 9-11-91 ~9:00AM
Date Completed: 9-11-91 ~1:45pm

Hole No.: R91-778 (C-17)
Sheet 1 of 1
Property:
Hole Surveyed:

DRILL CUTTING LOG

Logged by: S. Rinaldi

Distance (feet)	Alteration (1 Weak, 2 Moderate, 3 Strong)	Total Sulfides % (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution, Type, Massive, Disseminated, Veinlet, Replacement	Assay: Au (AA)	Ag (BC Fire)
			30	3	0-5	0%	Edh	0-25 Earth, Deadwood Hornfels	0-10 Oxide (no visible sulfides)	.003	
				1		0%				.002	
				2		2%			10-15 Mix ~2% pyrite, minor FeOx	.006	.006
				2		2.5%		Hornblende		.010	.013
					20-25				15-60 Sulfide ~2-3% fg.	.011	.014
			50				Thtp	25-50 Trachyte porphyry, mg, dark gray to cream color	& mg. dissem. cubic pyrite	nil	nil
										.004	.010
										.002	.004
					45-50					.014	.025
			30			7.5	Edh	50-65 DEADWOOD FORMATION HORNFELS	(50-60) 5-10% FeS.	.005	
						2.5				.003	
				2		.5%		65-100 Earth, Deadwood Quartzite, fg. highly fract, st. FeOx.	60-105 Mix, tr-1% pyrite	.004	
			40				Edq			.005	
					70-75					.005	
										.004	
										.003	.007
										.006	.007
										.019	.018
					95-100					.009	.006
			60				Thp	105-145 TRACHYTE PORPHYRY		.008	.009
			60	1		2.5	Thp	Light tomed gray gray fine to mostly med grained porphyritic.	105-170 Sulfide, ~2-3% pyrite	.005	.010
				1						.002	.009
				2						.004	.010
					120-125	1.5%				.003	.011
									120-135 Mix, 1-2% pyrite mod. FeOx.	.007	.015
								(130-145) Thxa mostly Thp, & Tqtp w/		.003	
				3		0%		Very st. clay.	135-160 Oxide	.002	
										.009	
			70		145-150		Tqtp	145-160 Quartz Trachyte		.031	
										.005	
								Hole TD @ 160'		.002	
										.003	
					170-175						

PY est by MKZ 10-31-96

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*************************
' DrillHole : R91-778   '
*************************
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COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27084.91	44197.97	5507.89	270.00	-45.00	160.00	9/11/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.003	0.003	30.	3.
5.00	10.00	5.00	0.002	0.002	30.	3.
10.00	15.00	5.00	0.006	0.006	30.	2.
15.00	20.00	5.00	0.~~013~~ .014	0.013	30.	1.
20.00	25.00	5.00	0.014	0.014	30.	1.
25.00	30.00	5.00	0.000	0.000	50.	1.
30.00	35.00	5.00	0.010	0.010	50.	1.
35.00	40.00	5.00	0.004	0.004	50.	1.
40.00	45.00	5.00	0.~~025~~ .026	0.025	50.	1.
45.00	50.00	5.00	0.005	0.005	50.	1.
50.00	55.00	5.00	0.003	0.003	30.	1.
55.00	60.00	5.00	0.004	0.004	30.	1.
60.00	65.00	5.00	0.005	0.005	30.	2.
65.00	70.00	5.00	0.005	0.005	40.	2.
70.00	75.00	5.00	0.004	0.004	40.	2.
75.00	80.00	5.00	0.007	0.007	40.	2.
80.00	85.00	5.00	0.007	0.007	40.	2.
85.00	90.00	5.00	0.018	0.018	40.	2.
90.00	95.00	5.00	0.006	0.006	40.	2.
95.00	100.00	5.00	0.009	0.009	40.	2.
100.00	105.00	5.00	0.010	0.010	60.	2.
105.00	110.00	5.00	0.009	0.009	60.	1.
110.00	115.00	5.00	0.010	0.010	60.	1.
115.00	120.00	5.00	0.011	0.011	60.	1.
120.00	125.00	5.00	0.015	0.015	60.	2.
125.00	130.00	5.00	0.000	0.000	60.	2.
130.00	135.00	5.00	0.007	0.007	60.	2.
135.00	140.00	5.00	0.028	0.028	60.	3.
140.00	145.00	5.00	0.072	0.072	60.	3.
145.00	150.00	5.00	0.006	0.006	80.	3.
150.00	155.00	5.00	0.005	0.005	80.	3.
155.00	160.00	5.00	0.000	0.000	80.	3.

"21590126"	"P"	"4"	"R91-759	30-35	" 0.005
"21590127"	"P"	"4"	"R91-759	35-40	" 0.004
"21590128"	"P"	"4"	"R91-759	40-45	" -0.002
"21590129"	"P"	"4"	"R91-759	45-50	" 0.002
"21590130"	"P"	"4"	"R91-759	50-55	" -0.002
"21590131"	"P"	"4"	"R91-759	55-60	" 0.002
"21590132"	"P"	"4"	"R91-759	60-65	" -0.002
"21590133"	"P"	"4"	"R91-759	65-70	" -9
"21590134"	"P"	"4"	"R91-759	70-75	" 0.003
"21590135"	"P"	"4"	"R91-759	75-80	" 0.012
"21590137"	"P"	"4"	"R91-759	80-85	" 0.008
"21590138"	"P"	"4"	"R91-759	85-90	" 0.003
"21590139"	"P"	"4"	"R91-759	90-95	" -0.002
"21590140"	"P"	"4"	"R91-759	95-100	" -0.002
"21590141"	"P"	"4"	"R91-759	100-105	" 0.002
"21590142"	"P"	"4"	"R91-759	105-110	" 0.014
"21590145"	"P"	"4"	"R91-759	110-115	" -0.002
"21590146"	"P"	"4"	"R91-759	115-120	" 0.007
"21590147"	"P"	"4"	"R91-759	120-125	" 0.005
"21590148"	"P"	"4"	"R91-759	125-130	" -0.002
"21590149"	"P"	"4"	"R91-759	130-135	" -0.002
"21590150"	"P"	"4"	"R91-759	135-140	" -0.002
"21590151"	"P"	"4"	"R91-759	140-145	" 0.008
"21590152"	"P"	"4"	"R91-759	145-150	" -0.002
"21590153"	"P"	"4"	"R91-778	125-130	" -0.002
"21590154"	"P"	"4"	"R91-778	130-135	" 0.007
"21590155"	"P"	"4"	"R91-778	135-140	" 0.028 } 135-145 10' @ .050
"21590156"	"P"	"4"	"R91-778	140-145	" 0.072 }
"21590157"	"P"	"4"	"R91-778	145-150	" 0.006
"21590158"	"P"	"4"	"R91-778	150-155	" 0.005
"21590159"	"P"	"4"	"R91-778	155-160	" -0.002

"END"

W.O. # R91-12159.4

"21590106"	"P"	"4"	"R91-758	265-270	" 0.016
"21590107"	"P"	"4"	"R91-758	270-275	" 0.015
"21590108"	"P"	"4"	"R91-758	275-280	" 0.010
"21590109"	"P"	"4"	"R91-758	280-285	" 0.004
"21590110"	"P"	"4"	"R91-758	285-290	" -0.002
"21590112"	"P"	"4"	"R91-758	290-295	" 0.013
"21590113"	"P"	"4"	"R91-758	295-300	" 0.005
"21590114"	"P"	"4"	"R91-758	300-305	" 0.004
"21590115"	"P"	"4"	"R91-758	305-310	" -0.002
"21590116"	"P"	"4"	"R91-758	310-315	" -0.002
"21590117"	"P"	"4"	"R91-758	315-320	" 0.003
"21590118"	"P"	"4"	"R91-759	0-5	" 0.044
"21590121"	"P"	"4"	"R91-759	5-10	" 0.048
"21590122"	"P"	"4"	"R91-759	10-15	" 0.009
"21590123"	"P"	"4"	"R91-759	15-20	" 0.007
"21590124"	"P"	"4"	"R91-759	20-25	" 0.012
"21590125"	"P"	"4"	"R91-759	25-30	" 0.006
"21590126"	"P"	"4"	"R91-759	30-35	" 0.005
"21590127"	"P"	"4"	"R91-759	35-40	" 0.004
"21590128"	"P"	"4"	"R91-759	40-45	" -0.002
"21590129"	"P"	"4"	"R91-759	45-50	" 0.002
"21590130"	"P"	"4"	"R91-759	50-55	" -0.002
"21590131"	"P"	"4"	"R91-759	55-60	" 0.002
"21590132"	"P"	"4"	"R91-759	60-65	" -0.002
"21590133"	"P"	"4"	"R91-759	65-70	" 0.046
"21590134"	"P"	"4"	"R91-759	70-75	" 0.003
"21590135"	"P"	"4"	"R91-759	75-80	" 0.012
"21590137"	"P"	"4"	"R91-759	80-85	" 0.008
"21590138"	"P"	"4"	"R91-759	85-90	" 0.003
"21590139"	"P"	"4"	"R91-759	90-95	" -0.002
"21590140"	"P"	"4"	"R91-759	95-100	" -0.002
"21590141"	"P"	"4"	"R91-759	100-105	" 0.002
"21590142"	"P"	"4"	"R91-759	105-110	" 0.014
"21590145"	"P"	"4"	"R91-759	110-115	" -0.002
"21590146"	"P"	"4"	"R91-759	115-120	" 0.007
"21590147"	"P"	"4"	"R91-759	120-125	" 0.005
"21590148"	"P"	"4"	"R91-759	125-130	" -0.002
"21590149"	"P"	"4"	"R91-759	130-135	" -0.002
"21590150"	"P"	"4"	"R91-759	135-140	" -0.002
"21590151"	"P"	"4"	"R91-759	140-145	" 0.008
"21590152"	"P"	"4"	"R91-759	145-150	" -0.002
"21590153"	"P"	"4"	"R91-778	125-130	" -0.002
"21590154"	"P"	"4"	"R91-778	130-135	" 0.007
"21590155"	"P"	"4"	"R91-778	135-140	" 0.028
"21590156"	"P"	"4"	"R91-778	140-145	" 0.072
"21590157"	"P"	"4"	"R91-778	145-150	" 0.006
"21590158"	"P"	"4"	"R91-778	150-155	" 0.005
"21590159"	"P"	"4"	"R91-778	155-160	" -0.002

"END"

W.O. #
R91-12159.4

```
"TITLE 27-09-91 16:29:48 R91-12037.4   MACLEOD                    23/09/91"
"CLIENT BROHM MINING CORPORATION                                          "
"PROJECT NONE GIVEN        #SAMPLES:    91"
"SPECIAL VALUES"
"   IS Insufficient Sample"
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" Values above the upper limit are shown as  +uplimt"
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"      ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"   01 Au      FA         OPT   91 0.002 999999 Results Reported      "
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"   40 SAMPLE TYPE=P       PREPARED PULP        "
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"REMARKS"
"   50 THE FOLLOWING SAMPLES WERE LISTED AS INCLUDED.  "
"   51 HOWEVER WE NOTE THAT THEY WERE MISSING;         "
"   52 R91-778:  125-130, 130-135, 135-140, 140-145,   "
"   53           145-150.                              "
"   54 #ERRATIC RESULTS OBSERVED ON THE FOLLOWING:     "
"   55 R91-779 40-45--.014 AND <.002 OPT.              "
"   56                              K GAMMON           "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"20370001" "P" "4" "R91-777 20-25        "     0.007
"20370002" "P" "4" "R91-777 25-30        "     0.013
"20370003" "P" "4" "R91-777 30-35        "     0.010
"20370004" "P" "4" "R91-777 35-40        "     0.018
"20370005" "P" "4" "R91-777 40-45        "     0.004
"20370006" "P" "4" "R91-777 45-50        "     0.009
"20370007" "P" "4" "R91-777 50-55        "     0.008
"20370008" "P" "4" "R91-777 55-60        "     0.005
"20370010" "P" "4" "R91-777 60-65        "     0.008
"20370011" "P" "4" "R91-777 65-70        "    -0.002
"20370012" "P" "4" "R91-777 70-75        "     0.005
"20370013" "P" "4" "R91-777 75-80        "     0.008
"20370014" "P" "4" "R91-777 80-85        "     0.008
"20370015" "P" "4" "R91-777 85-90        "     0.005
"20370016" "P" "4" "R91-778 10-15        "     0.006
"20370017" "P" "4" "R91-778 15-20        "     0.013
"20370018" "P" "4" "R91-778 20-25        "     0.014
"20370019" "P" "4" "R91-778 25-30        "    -0.002
"20370020" "P" "4" "R91-778 30-35        "     0.010
"20370021" "P" "4" "R91-778 35-40        "     0.004
"20370022" "P" "4" "R91-778 40-45        "     0.025
"20370025" "P" "4" "R91-778 75-80        "     0.007
"20370026" "P" "4" "R91-778 80-85        "     0.007
"20370027" "P" "4" "R91-778 85-90        "     0.018
"20370028" "P" "4" "R91-778 90-95        "     0.006
"20370029" "P" "4" "R91-778 95-100       "     0.009
"20370030" "P" "4" "R91-778 100-105      "     0.010
"20370031" "P" "4" "R91-778 105-110      "     0.009
"20370032" "P" "4" "R91-778 110-115      "     0.010
"20370033" "P" "4" "R91-778 115-120      "     0.011
"20370035" "P" "4" "R91-778 120-125      "     0.015
"20370036" "P" "4" "R91-779 0-5          "     0.012
"20370037" "P" "4" "R91-779 5-10         "     0.008
"20370038" "P" "4" "R91-779 10-15        "     0.010
"20370039" "P" "4" "R91-779 15-20        "     0.028
"20370040" "P" "4" "R91-779 20-25        "     0.026
"20370041" "P" "4" "R91-779 25-30        "     0.016
"20370042" "P" "4" "R91-779 30-35        "     0.018
```

15-25
10' @ .027

Pit-Bench-Pattern # Exploration
R91-778

Submittal Date
9-11-91

BLADE HOLE

Hot HoCN Heap
and
FIRE DETERMINATIONS

(5)

DATE: 9-12-91
NAME: MM

(11)

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.				25.	Standard ✓		.015
2.				26.	5-10		.002
3.				27.	10-15	B.	.006
4.				28.	15-20	B.	.010
5.				29.	20-25	B.	.011
6.				30.	25-30	B.	.210
7.				31.	30-35	B.	.004
8.	Standard ✓			32.	35-40	B.	.002
9.				33.			
10.				34.			
11.				35.	40-45	B.	.014
12.				36.	45-50		.005
13.				37.	50-55		.003
14.				38.	55-60		.004
15.				39.	60-65		.005
16.				40.	65-70		.005
17.				41.	70-75		.004
18.				42.	Standard ✓		.015
19.				43.	75-80	B.	.003
20.				44.	80-85	.	.006
21.				45.	85-90	.	.019
22.				46.	90-95 (7)	.	.009
23.				47.	90-95 (8)		.008
24.	0-5		.003	48.			

Pit-Bench-Pattern # R91-778

Exploration

BLADE HOLE (4)

DATE: 9-13

Submittal Date 9-11-91 2:39 pm

Hot HoCN Shake and FIRE DETERMINATIONS

NAME: MM

(11)

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.				25.	Standard ✓		
2.				26.	95-100	B	.008
3.				27.	100-105		.005
4.				28.	105-110		.002
5.				29.	110-115		.004
6.				30.	115-120		.003
7.				31.	120-125		.007
8.	Standard ✓			32.	125-130		.003
9.				33.			
10.				34.			
11.				35.	130-135		.002
12.				36.	135-140		.009
13.				37.	140-145		.031
14.				38.	145-150		.005
15.				39.	150-155		.002
16.				40.	155-160		.003
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

Pit-Bench-Pattern # Exploration

R91-778

Submittal Date

9-11-91

SLAGS DOLE

Soil BoCH Blake and FIRE DETERMINATIONS

(5)

DATE: 9-12-91

NAME: MM

	SAMPLE	FIRE Au.	BoCH Au.		SAMPLE	FIRE Au.	BoCH Au.
1.				25.	Standard ✓		.015
2.				26.	5-10		.002
3.				27.	10-15		.006
4.				28.	15-20		.010
5.				29.	20-25		.011
6.				30.	25-30		ZIP
7.				31.	30-35		.004
8.	Standard ✓			32.	35-40		.002
9.				33.			
10.				34.			
11.				35.	40-45		.014
12.				36.	45-50		.005
13.				37.	50-55		.003
14.				38.	55-60		.004
15.				39.	60-65		.005
16.				40.	65-70		.005
17.				41.	70-75		.004
18.				42.	Standard ✓		.015
19.				43.	75-80		.003
20.				44.	80-85		.006
21.				45.	85-90		.019
22.				46.	90-95 (1)		.009
23.				47.	90-95 (2)		.008
24.	0-5		.003	48.			

Contractor Douglas Exploration **Coordinates** 27042.31 E / 44241.64 N **Project** SE Langley Oxide Expl. **Hole No.** R91-779 (L-22)

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

Hole Size 4 1/2" **Bearing** due W. **Inclination** -45° **Date Started** 9-11-91 ~ 2:00pm **Property** Gilt Edge

Collar Elev. 5539.49 **Final Depth** 140' **Date Completed** 9-12-91 ~ 10:00 Am **Hole Surveyed** No

Distance (feet)	Alteration (1 Weak, 2 Moderate, 3 Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Mineralization: Type	Bmc Assay AA Au	Bmc Assay FC Au
			60	3	0-5	0%	Ttp	0-60 Trachyte Porphyry, m.g. orange-brown & maroon.	0-50 Oxide (No visible sulfides) St. FeOx		.008	.012
											.013	.008
											.053	.010
					20-25						.029	.028
											.023	.026
											.028	.016
											.026	.018
									(35-50) St. reddish maroon FeOx.		.011	.015
					45-50						.016	.008
				2		1%					.019	.017
				3		0%			50-55 Mix. ~1% fg. disem. cubic pyrite, mod. FeOx		.016	.026
			50				Thtp	60-80 Hornblende Trachyte porphyry m.g. orange-brown "peppered" w. tt. oxidized laths of Hblende.	55-80 Oxide		.017	.017
											.011	.011
					70-75						.037	.030
											.021	.020
			60	3		1%	Ttp	80-110 Trachyte Porphyry m.g. (80-90) mod. argillic alt.	80-85 Mix ~1% pyrite		.009	.012
				1		2.5%			85-90 Sulfide 2-3% pyrite		.005	.011
				3		0%			90-140 Oxide		.006	.015
					95-100						.010	.012
											.009	.010
											.017	.024
			80				Tqtp	110-140 Quartz Trachyte Porphyry m.g., tan & light orange brown.			.011	.012
											.007	.010
					120-125						.040	.035
											.002	nil
											.002	
								Hole TD @ 140'			nil	
											.002	
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Rinehart

779

[redacted]

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	91	# AS REC'D	91	AS RECEIVED 150 SF	91

NOTES # indicates FRACTION RESULTS

DATE PRINTED 27-SEP-91
REPORT RS1-12037 4 COMPLETE PROJECT NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU OPT
P4 RS1-777 20-25		0 007
P4 RS1-777 25-30		0 013
P4 RS1-777 30-35		0 010
P4 RS1-777 35-40		0 018
P4 RS1-777 40-45		0 004
P4 RS1-777 45-50		0 009
P4 RS1-777 50-55		0 008
P4 RS1-777 55-60		0 005
P4 RS1-777 60-65		0 008
P4 RS1-777 65-70		<0 002
P4 RS1-777 70-75		0 005
P4 RS1-777 75-80		0 008
P4 RS1-777 80-85		0 008
P4 RS1-777 85-90		0 005
P4 RS1-778 10-15		0 006
P4 RS1-778 15-20		0 013
P4 RS1-778 20-25		0 014
P4 RS1-778 25-30		<0 002
P4 RS1-778 30-35		0 010
P4 RS1-778 35-40		0 004
[illegible]78 40-45		0 025
[illegible]8 75-80		0 007
[illegible]78 80-85		0 007
[illegible]778 85-90		0 018
P4 RS1-778 [illegible]		0 008
P4 RS1-778 95-100		0 009
P4 RS1-778 100-[illegible]		0 010
P4 RS1-778 105-[illegible]		0 009
P4 RS1-778 110-[illegible]		0 010
P4 RS1-778 115-120		0 011
P4 RS1-778 120-125		0 015
P4 RS1-779 0-5		0 012
P4 RS1-779 5-10		0 038
P4 RS1-779 10-15		[illegible]
P4 RS1-779 15-20		[illegible]
[illegible] 0 20-25		[illegible]
[illegible]-779 25-30		0 016
RS1-779 30-35		0 016
P4 RS1-779 35-40		[illegible]
P4 RS1-779 40-45		0 038W

SAMPLE NUMBER	ELEMENT UNITS	AU OPT
P4 RS1-779 45-50		0 017
P4 RS1-779 50-55		0 036
P4 RS1-779 55-60		0 017
P4 RS1-779 60-65		[illegible]
P4 RS1-779 65-70		0 030
P4 RS1-779 70-75		0 020
P4 RS1-779 75-80		0 012
P4 RS1-779 80-85		0 011
P4 RS1-779 85-90		0 015
P4 RS1-779 90-95		0 012
P4 RS1-779 95-100		0 010
P4 RS1-779 100-105		0 024
P4 RS1-779 105-110		0 012
P4 RS1-779 110-115		0 010
P4 RS1-779 115-120		0 035
P4 RS1-779 120-125		<0 002
P4 RS1-783 0-5		0 105
P4 RS1-783 5-10		0 037
P4 RS1-783 10-15		0 042
P4 RS1-783 15-20		0 028
P4 RS1-783 20-25		0 010
P4 RS1-783 25-30		0 014
P4 RS1-783 30-35		0 013
P4 RS1-783 35-40		0 029
P4 RS1-783 40-45		0 021
P4 RS1-783 45-[illegible]		0 035
P4 RS1-783 50-55		0 013
P4 RS1-783 55-60		0 010
P4 RS1-783 60-65		0 008
P4 RS1-783 65-70		0 014
P4 RS1-783 70-75		[illegible]
P4 RS1-783 75-80		[illegible]
P4 RS1-783 80-85		[illegible]
P4 RS1-783 85-90		[illegible]
P4 RS1-783 95-100		[illegible]
P4 RS1-783 100-105		[illegible]
P4 RS1-783 105-110		0 048
P4 RS1-783 110-115		[illegible]
P4 RS1-783 [illegible]		[illegible]

[illegible] 29-[illegible] COMPLETE

[illegible] 27-SEP-9[illegible]
PROJECT [illegible] COMPLETE PAGE 2

	ELEMENT CODES	AV OFF
783	120-125	0 [illegible]
783	125-130	0 038
P4 RS1-783	130-135	0 057
P4 RS1-783	135-140	0 044
P4 RS1-783	140-145	0 094
P4 RS1-783	145-150	0 006
P4 RS1-783	150-155	0 005
P4 RS1-783	155-160	0 014
P4 RS1-783	160-165	0 017
P4 RS1-783	165-170	0 021
P4 RS1-783	170-175	0 009

SAMPLE NOTES	ELEMENT CODES	AV OFF

R91-787

R91-779

GILT EDGE MINE
ASSAY REPORT

DATE: 4/3/92

	SAMPLE #	INCHART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	260/265	25	1.0	2.44	.027		.013	R91-787
2	265/270			2.44	.004		.036	
3	270/275			2.40	NIL		NIL	
4	275/280			2.40	NIL		NIL	
5	280/285			2.43	.008		.022	
6	285/290 ①			2.44	NIL		.04	
7	290/295			2.43	NIL		.03	
8	295/300			2.46	.004		.056	
9	300/305			2.42	.007		.013	
10	305/310			2.46	NIL		.06	
11	310/315			2.45	.003		.037	
12	285/290 ②			2.44	NIL		.04	
13	Blank			2.40	—			
14	315/320			2.42	.010		.01	
15	0/5	25	1.0	2.62	.012		.208	R91-779
16	5/10			2.67	.015		.255	
17	10/15			3.53	.049		1.081	
18	15/20			3.21	.034		.776	
19	20/25			3.16	.037		.723	
20	25/30			3.46	.025		1.035	
21	30/35			2.86	.029		.431	
22	35/40			2.93	.013		.517	
23	40/45			2.68	.018		.262	
24	45/50			3.09	.020		.670	

R91-779

R91-784

DENVER MINING CORPORATION

GILT EDGE MINE
ASSAY REPORT

DATE: 4/15/92

	SAMPLE #	INQUART	PULP WT.	DORE WT.(mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	50/55	2.5	1.0	3.37	.035		.975	R91-779
2	55/60			3.84	.018		1.462	
3	60/65			3.84	.014		1.466	
4	65/70			3.04	.039		.641	
5	70/75			2.83	.027		.443	
6	75/80 ①			2.69	.012		.318	
7	80/85			2.57	.012		.198	
8	85/90			2.52	.020		.14	
9	90/95			2.50	.013		.127	
10	95/100			2.52	.014		.146	
11	100/105			2.71	NIL		.35	
12	75/80 ②			2.69	.012		.318	
13	BLANK			2.36	—			
14	105/110			2.65	.014		.276	
15	110/115			2.75	.010		.38	
16	115/120			2.78	.052		.368	
17	0/5	2.5	1.0	2.73	.060		.31	R91-784
18	5/10			2.59	.030		.20	
19	10/15			2.63	.025		.245	
20	15/20			2.68	.014		.306	
21	20/25			2.78	.014		.406	
22	25/30			2.95	.036		.554	
23	30/35			3.30	.078		.862	
24	35/40			3.50	.034		1.106	

Pit-Bench-Pattern # Exploration

R91-779

Submittal Date

9-11-91 4:40 pm

9-12-91 2:40 am

BLADE DOLE (6)

Bot BoCB Blade and FIRE DETERMINATIONS

DATE: 9-16

NAME: MB

	SAMPLE	FIRE Au.	BoCB Au.		SAMPLE	FIRE Au.	BoCB Au.
1.	0 - 5		.008	25.	Standard ✓		.014
2.	5 - 10		.013	26.	100 - 105		.017
3.	10 - 15		.053	27.	105 - 110		.011
4.	15 - 20	.032	.029	28.	110 - 115		.007
5.	20 - 25		.023	29.	115 - 120		.040
6.	25 - 30		.023	30.	120 - 125		.002
7.	30 - 35		.026	31.	125 - 130		.002
8.	Standard ✓		.015	32.	130 - 135		.001
9.	35 - 40		.011	33.	[illegible]		
10.	40 - 45		.026	34.	[illegible]		
11.	40 - 45		.016	35.	135 - 140		.002
12.	45 - 50		.012	36.	135 - 140		.001
13.	50 - 55		.016	37.			
14.	55 - 60		.012	38.			
15.	60 - 65		.011	39.			
16.	[illegible]			40.			
17.	[illegible]			41.			
18.	65 - 70		.037	42.	Standard ✓		
19.	70 - 75	.029	.021	43.			
20.	75 - 80		.009	44.			
21.	80 - 85		.005	45.			
22.	85 - 90		.006	46.			
23.	90 - 95		.010	47.			
24.	95 - 100		.009	48.			

Submitted Date
9-11-91 4:40 pm
9-12-91 9:40 am

Bot BoCH Stake and FIRE DETERMINATIONS

DATE: 9-10
NAME: MS

	SAMPLE	FIRE Au.	BoCH Au.		SAMPLE	FIRE Au.	BoCH Au.
1.	0 – 5	B	.008	25.	Standard ✓		.014
2.	5 – 10		.013	26.	100 – 105	B	.017
3.	10 – 15		.053	27.	105 – 110		.011
4.	15 – 20	.032	.029	28.	110 – 115		.007
5.	20 – 25		.023	29.	115 – 120		.040
6.	25 – 30		.028	30.	120 – 125		.002
7.	30 – 35		.026	31.	125 – 130		.002
8.	Standard ✓		.015	32.	130 – 135		nil
9.	35 – 40	B	.011	33.			
10.	✓ 7		.026	34.			
11.	40 – 45	B	.016	35.	135 – ① 140		.002
12.	45 – 50		.019	36.	135 – ② 140		.001
13.	50 – 55		.016	37.			
14.	55 – 60		.012	38.			
15.	60 – 65		.011	39.			
16.				40.			
17.				41.			
18.	65 – 70		.037	42.	Standard ✓		
19.	70 – 75	.029	.021	43.			
20.	75 – 80		.009	44.			
21.	80 – 85		.005	45.			
22.	85 – 90		.006	46.			
23.	90 – 95		.010	47.			
24.	95 – 100		.009	48.			

25 to Bondar

****
* DrillHole : R91-779 *
****

COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
27042.31	44241.64	5539.49	270.00	-45.00	140.00	9/11/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.012	0.012	60.	3.
5.00	10.00	5.00	0.008	0.008	60.	3.
10.00	15.00	5.00	0.010	0.010	60.	3.
15.00	20.00	5.00	~~0.028~~ .030	0.028	60.	3.
20.00	25.00	5.00	0.026	0.026	60.	3.
25.00	30.00	5.00	0.016	0.016	60.	3.
30.00	35.00	5.00	0.018	0.018	60.	3.
35.00	40.00	5.00	0.015	0.015	60.	3.
40.00	45.00	5.00	0.008	0.008	60.	3.
45.00	50.00	5.00	~~0.017~~ .016	0.017	60.	3.
50.00	55.00	5.00	~~0.020~~ .030	0.026	60.	2.
55.00	60.00	5.00	0.017	0.017	60.	3.
60.00	65.00	5.00	0.011	0.011	50.	3.
65.00	70.00	5.00	0.030	0.030	50.	3.
70.00	75.00	5.00	0.020	0.020	50.	3.
75.00	80.00	5.00	0.012	0.012	50.	3.
80.00	85.00	5.00	0.011	0.011	60.	2.
85.00	90.00	5.00	0.015	0.015	60.	1.
90.00	95.00	5.00	0.012	0.012	60.	3.
95.00	100.00	5.00	0.010	0.010	60.	3.
100.00	105.00	5.00	0.024	0.024	60.	3.
105.00	110.00	5.00	0.012	0.012	60.	3.
110.00	115.00	5.00	0.010	0.010	80.	3.
115.00	120.00	5.00	0.035	0.035	80.	3.
120.00	125.00	5.00	0.000	0.000	80.	3.
125.00	130.00	5.00	0.002	0.002	80.	3.
130.00	135.00	5.00	0.000	0.000	80.	3.
135.00	140.00	5.00	0.002	0.002	80.	3.

```
"TITLE 27-09-91 16:29:48 R91-12037.4   MACLEOD                    23/09/91"
"CLIENT BROHM MINING CORPORATION                                          "
"PROJECT NONE GIVEN       #SAMPLES:   91"
"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   91 0.002 999999 Results Reported     "
"SAMPLE PREPS"
"   40 SAMPLE TYPE=P       PREPARED PULP        "
"   41 P68=  91            AS RECEIVED, NO SP   "
"REMARKS"
"   50 THE FOLLOWING SAMPLES WERE LISTED AS INCLUDED. "
"   51 HOWEVER WE NOTE THAT THEY WERE MISSING;         "
"   52 R91-778:  125-130, 130-135, 135-140, 140-145,   "
"   53           145-150.                              "
"   54 #ERRATIC RESULTS OBSERVED ON THE FOLLOWING:     "
"   55 R91-779 40-45--.014 AND <.002 OPT.              "
"   56                              K GAMMON           "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"20370001" "P" "4" "R91-777 20-25        "     0.007
"20370002" "P" "4" "R91-777 25-30        "     0.013
"20370003" "P" "4" "R91-777 30-35        "     0.010
"20370004" "P" "4" "R91-777 35-40        "     0.018
"20370005" "P" "4" "R91-777 40-45        "     0.004
"20370006" "P" "4" "R91-777 45-50        "     0.009
"20370007" "P" "4" "R91-777 50-55        "     0.008
"20370008" "P" "4" "R91-777 55-60        "     0.005
"20370010" "P" "4" "R91-777 60-65        "     0.008
"20370011" "P" "4" "R91-777 65-70        "    -0.002
"20370012" "P" "4" "R91-777 70-75        "     0.005
"20370013" "P" "4" "R91-777 75-80        "     0.008
"20370014" "P" "4" "R91-777 80-85        "     0.008
"20370015" "P" "4" "R91-777 85-90        "     0.005
"20370016" "P" "4" "R91-778 10-15        "     0.006
"20370017" "P" "4" "R91-778 15-20        "     0.013
"20370018" "P" "4" "R91-778 20-25        "     0.014
"20370019" "P" "4" "R91-778 25-30        "    -0.002
"20370020" "P" "4" "R91-778 30-35        "     0.010
"20370021" "P" "4" "R91-778 35-40        "     0.004
"20370022" "P" "4" "R91-778 40-45        "     0.025
"20370025" "P" "4" "R91-778 75-80        "     0.007
"20370026" "P" "4" "R91-778 80-85        "     0.007
"20370027" "P" "4" "R91-778 85-90        "     0.018
"20370028" "P" "4" "R91-778 90-95        "     0.006
"20370029" "P" "4" "R91-778 95-100       "     0.009
"20370030" "P" "4" "R91-778 100-105      "     0.010
"20370031" "P" "4" "R91-778 105-110      "     0.009
"20370032" "P" "4" "R91-778 110-115      "     0.010
"20370033" "P" "4" "R91-778 115-120      "     0.011
"20370035" "P" "4" "R91-778 120-125      "     0.015
"20370036" "P" "4" "R91-779 0-5          "     0.012
"20370037" "P" "4" "R91-779 5-10         "     0.008
"20370038" "P" "4" "R91-779 10-15        "     0.010
"20370039" "P" "4" "R91-779 15-20        "     0.028
"20370040" "P" "4" "R91-779 20-25        "     0.026
"20370041" "P" "4" "R91-779 25-30        "     0.016
"20370042" "P" "4" "R91-779 30-35        "     0.018
```

15-25
10' @ .027

"20370039"	"P"	"4"	"R91-779	15-20	"	0.028	15-25 10' @ .027
"20370040"	"P"	"4"	"R91-779	20-25	"	0.026	
"20370041"	"P"	"4"	"R91-779	25-30	"	0.016	
"20370042"	"P"	"4"	"R91-779	30-35	"	0.018	
"20370043"	"P"	"4"	"R91-779	35-40	"	0.015	
"20370044"	"P"	"4"	"R91-779	40-45	"	0.008	
"20370045"	"P"	"4"	"R91-779	45-50	"	0.017	
"20370046"	"P"	"4"	"R91-779	50-55	"	0.026	50-75 25' @ .021
"20370049"	"P"	"4"	"R91-779	55-60	"	0.017	
"20370050"	"P"	"4"	"R91-779	60-65	"	0.011	
"20370051"	"P"	"4"	"R91-779	65-70	"	0.030	
"20370052"	"P"	"4"	"R91-779	70-75	"	0.020	
"20370053"	"P"	"4"	"R91-779	75-80	"	0.012	
"20370054"	"P"	"4"	"R91-779	80-85	"	0.011	
"20370055"	"P"	"4"	"R91-779	85-90	"	0.015	
"20370056"	"P"	"4"	"R91-779	90-95	"	0.012	
"20370057"	"P"	"4"	"R91-779	95-100	"	0.010	55' @ .022 W.A.G
"20370058"	"P"	"4"	"R91-779	100-105	"	0.024	100-120 20' @ .020
"20370060"	"P"	"4"	"R91-779	105-110	"	0.012	
"20370061"	"P"	"4"	"R91-779	110-115	"	0.010	
"20370062"	"P"	"4"	"R91-779	115-120	"	0.035	
"20370063"	"P"	"4"	"R91-779	120-125	"	-0.002	
"20370064"	"P"	"4"	"R91-783	0-5	"	0.105	0-20 20' @ .053
"20370065"	"P"	"4"	"R91-783	5-10	"	0.037	
"20370066"	"P"	"4"	"R91-783	10-15	"	0.042	
"20370067"	"P"	"4"	"R91-783	15-20	"	0.028	
"20370068"	"P"	"4"	"R91-783	20-25	"	0.010	
"20370069"	"P"	"4"	"R91-783	25-30	"	0.014	
"20370070"	"P"	"4"	"R91-783	30-35	"	0.013	
"20370073"	"P"	"4"	"R91-783	35-40	"	0.029	35-50 15' @ .028
"20370074"	"P"	"4"	"R91-783	40-45	"	0.021	
"20370075"	"P"	"4"	"R91-783	45-50	"	0.035	
"20370076"	"P"	"4"	"R91-783	50-55	"	0.013	
"20370077"	"P"	"4"	"R91-783	55-60	"	0.010	
"20370078"	"P"	"4"	"R91-783	60-65	"	0.008	
"20370079"	"P"	"4"	"R91-783	65-70	"	0.014	
"20370080"	"P"	"4"	"R91-783	70-75	"	0.032	65-110 45' @ .058
"20370081"	"P"	"4"	"R91-783	75-80	"	0.037	
"20370082"	"P"	"4"	"R91-783	80-85	"	0.046	
"20370083"	"P"	"4"	"R91-783	85-90	"	0.033	
"20370085"	"P"	"4"	"R91-783	90-95	"	0.017	
"20370086"	"P"	"4"	"R91-783	95-100	"	0.041	105' @ .051 W.A.G.
"20370087"	"P"	"4"	"R91-783	100-105	"	0.267	
"20370088"	"P"	"4"	"R91-783	105-110	"	0.048	
"20370089"	"P"	"4"	"R91-783	110-115	"	0.015	
"20370090"	"P"	"4"	"R91-783	115-120	"	0.010	
"20370091"	"P"	"4"	"R91-783	120-125	"	0.012	
"20370092"	"P"	"4"	"R91-783	125-130	"	0.036	125-145 20' @ .058
"20370093"	"P"	"4"	"R91-783	130-135	"	0.057	
"20370094"	"P"	"4"	"R91-783	135-140	"	0.044	
"20370097"	"P"	"4"	"R91-783	140-145	"	0.094	
"20370098"	"P"	"4"	"R91-783	145-150	"	0.006	
"20370099"	"P"	"4"	"R91-783	150-155	"	0.005	
"20370100"	"P"	"4"	"R91-783	155-160	"	0.014	
"20370101"	"P"	"4"	"R91-783	160-165	"	0.017	
"20370102"	"P"	"4"	"R91-783	165-170	"	0.021	
"20370103"	"P"	"4"	"R91-783	170-175	"	0.009	

"END"

R91-787
R91-779

BROHM MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

SHEET NO.:

DATE: 4/3/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	260/265	2.5	1.0	2.44	.027		.013	R91-787
2	265/270			2.44	.004		.036	
3	270/275			2.40	NIL		NIL	
4	275/280			2.40	NIL		NIL	
5	280/285			2.43	.008		.022	
6	285/290 ①			2.44	NIL		.04	
7	290/295			2.43	NIL		.03	
8	295/300			2.46	.004		.056	
9	300/305			2.42	.007		.013	
10	305/310			2.46	NIL		.06	
11	310/315			2.45	.003		.037	
12	285/290 ②			2.44	NIL		.04	
13	Blank			2.40	—			
14	315/320			2.42	.010		.01	
15	0/5	2.5	1.0	2.62	.012		.208	R91-779
16	5/10			2.67	.015		.255	
17	10/15			3.[illegible]3	.049		1.081	
18	15/20			3.21	.034		.776	
19	20/25			3.16	.037		.723	
20	25/30			3.46	.025		1.035	
21	30/35			2.86	.029		.431	
22	35/40			2.93	.013		.517	
23	40/45			2.68	.018		.262	
24	45/50			3.09	.020		.670	

R91-787
R91-779

BROHM MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

SHEET NO.: _____

DATE: 4/3/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	260/265	25	1.0	2.44	.027		.013	R91-787
2	265/270			2.44	.004		.036	
3	270/275			2.40	NIL		NIL	
4	275/280			2.40	NIL		NIL	
5	280/285			2.43	.008		.022	
6	285/290 ①			2.44	NIL		.04	
7	290/295			2.43	NIL		.03	
8	295/300			2.46	.004		.056	
9	300/305			2.42	.007		.013	
10	305/310			2.46	NIL		.06	
11	310/315			2.45	.003		.037	
12	285/290 ②			2.44	NIL		.04	
13	Blank			2.40	—			
14	315/320			2.42	.010		.01	
15	0/5	25	1.0	2.62	.012		.208	R91-779
16	5/10			2.67	.015		.255	
17	10/15			[illegible]	.049		1.081	
18	15/20			3.21	.034		.776	
19	20/25			3.16	.037		.723	
20	25/30			3.46	.025		1.035	
21	30/35			2.86	.029		.431	
22	35/40			2.93	.013		.517	
23	40/45			2.68	.018		.262	
24	45/50			3.09	.020		.670	

R91-779

R91-784

BROHM MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

SHEET NO.: _____

DATE: 4/15/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (oz)	AU WT. (oz)	AU OZ/TON	AG OZ/TON	REMARKS
1	50/55	2.5	1.0	3.37	.035		.975	R91-779
2	55/60			3.84	.018		1.462	
3	60/65			3.84	.014		1.466	
4	65/70			3.04	.039		.641	
5	70/75			2.83	.027		.443	
6	75/80 ①			2.69	.012		.318	
7	80/85			2.57	.012		.198	
8	85/90			2.52	.020		.14	
9	90/95			2.50	.013		.127	
10	95/100			2.52	.014		.146	
11	100/105			2.71	NIL		.35	
12	75/80 ②			2.69	.012		.318	
13	Blank			2.36	—			
14	105/110			2.65	.014		.276	
15	110/115			2.75	.010		.38	
16	115/120			2.78	.052		.368	
17	0/5	2.5	1.0	2.73	.060		.31	R91-784
18	5/10			2.59	.030		.20	
19	10/15			2.63	.025		.245	
20	15/20			2.68	.014		.306	
21	20/25			2.78	.014		.406	
22	25/30			2.95	.036		.554	
23	30/35			3.30	.078		.862	
24	35/40			3.50	.034		1.106	

Brunton & Tape: 256°, 83.7' from Q285

Contractor: Douglas Exploration
Drill Type: I.V.I Buggy (RVC)
Hole Size: 4 1/2
Collar Elev.: ~5668.2'

Coordinates: ~45175N 22618E
Casing Depth:
Bearing: S45W Inclination: -80°
Final Depth: 110'

Project: Golden Crest "Wildcat"
State: SD
Date Started: 8-11-91 8:20AM
Date Completed: 8-11-91 12:45pm

Hole No.: R91-769
Sheet 1 of 1
Property: Gilt Edge
Hole Surveyed: No

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
			1	3	0-5		Fill	0-5, Colluvium, Fill of Tntp	0-110	Oxide (no visible		
			50	1			Tntp	5-20 Hornblende Trachyte, orange		sulfides) clay as noted.		
								Amun not st. clay, v. fractured.				
			99				ND	15-20 No return				
			50		20-25		Tntp	(25-25) Very little return				
			99				ND	(25-30) No Return				
			50				Tntp	(30-90) med.-strong clay ⇒				
								very difficult drilling.				
					45-50							
					70-75							
					95-100			(90-105) grayish-green matrix, FeOx disem. highly fractured, loss of return.	(90-100) less FeOx, prominent clay altered hornblende phenocrysts.			
			↓	↓			↓	Hole TD @ 110' in badly fractured Tntp.	(100-110) in 30-50% of hbld phenos unaltered.			
					120-125							

DRILL CUTTING LOG

Logged by: S. Ringhoffer

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*  DrillHole : R91-769  *
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COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
22618.00	45175.00	5668.20	225.00	-80.00	110.00	8/11/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.005	0.005	1.	3.
5.00	10.00	5.00	0.001	0.001	50.	3.
10.00	15.00	5.00	0.001	0.001	50.	3.
15.00	20.00	5.00	-1.000	-1.000	99.	3.
20.00	25.00	5.00	0.000	0.000	50.	3.
25.00	30.00	5.00	-1.000	-1.000	99.	3.
30.00	35.00	5.00	0.000	0.000	50.	3.
35.00	40.00	5.00	0.000	0.000	50.	3.
40.00	45.00	5.00	0.000	0.000	50.	3.
45.00	50.00	5.00	0.002	0.002	50.	3.
50.00	55.00	5.00	0.000	0.000	50.	3.
55.00	60.00	5.00	0.000	0.000	50.	3.
60.00	65.00	5.00	0.000	0.000	50.	3.
65.00	70.00	5.00	0.000	0.000	50.	3.
70.00	75.00	5.00	0.000	0.000	50.	3.
75.00	80.00	5.00	0.000	0.000	50.	3.
80.00	85.00	5.00	0.000	0.000	50.	3.
85.00	90.00	5.00	0.000	0.000	50.	3.
[illegible].00	95.00	5.00	0.000	0.000	50.	3.
[illegible].00	100.00	5.00	0.000	0.000	50.	3.
100.00	105.00	5.00	0.000	0.000	50.	3.
105.00	110.00	5.00	0.018	0.018	50.	3.

Pit-Bench-Pattern #
R91-769

Submittal Date
8/11/91

BLAST HOLE

Hot HaCN Shake and FIRE DETERMINATIONS

(3)

DATE: 8/15/91

NAME: 95

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	0-5	.005	.002	25.	Standard ✓		
2.	5-10		.001	26.	105-110		
3.	10-15		.001	27.			
4.	20-25		nil	28.			
5.	30-35		nil	29.			
6.	35-40		nil	30.			
7.	40-45		nil	31.			
8.	Standard ✓		.015	32.			
9.	45-50	.002	.001	33.			
10.	50-55		nil	34.			
11.	55-60		nil	35.			
12.	60-65		nil	36.			
13.	65-70		nil	37.			
14.	70-75		nil	38.			
15.	75-80		nil	39.			
16.				40.			
17.				41.			
18.	80-85		nil	42.	Standard ✓		
19.	85-90		nil	43.			
20.	✓7		.026	44.			
21.	90-95		nil	45.			
22.	95-100		nil	46.			
23.	100-105		nil	47.			
24.	105-110	.018	.015	48.			

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Pit-Bench-Pattern #
R91-769

Submittal Date
8/11/91

BLAST HOLE

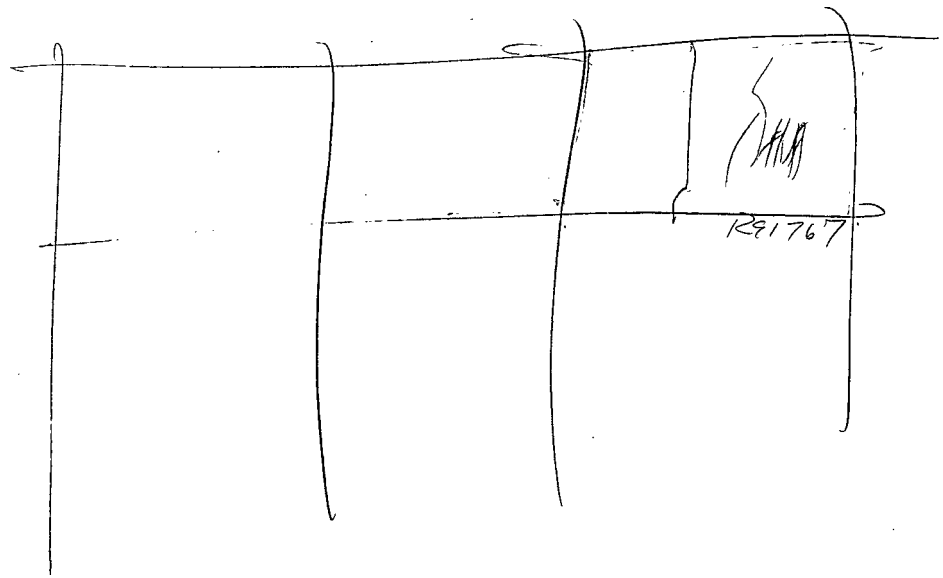
Hot HoCN Shake and FIRE DETERMINATIONS

(3)

DATE: 8/15/91

NAME: 95

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	0-5		.002	25.	Standard ✓		
2.	5-10		.001	26.	105-110		
3.	10-15		.001	27.			
4.	20-25		nil	28.			
5.	30-35		nil	29.			
6.	35-40		nil	30.			
7.	40-45		nil	31.			
8.	Standard ✓		.015	32.			
9.	45-50		.001	33.			
10.	50-55		nil	34.			
11.	55-60		nil	35.			
12.	60-65		nil	36.			
13.	65-70		nil	37.			
14.	70-75		nil	38.			
15.	75-80		nil	39.			
16.				40.			
17.				41.			
18.	80-85		nil	42.	Standard ✓		
19.	85-90		nil	43.			
20.	~7		.026	44.			
21.	90-95		nil	45.			
22.	95-100		nil	46.			
23.	100-105		nil	47.			
24.	105-110		.015	48.			


R91767

Contractor: Douglas Exploration
Drill Type: I.V.I Buggy
Hole Size: 4½"
Collar Elev.: 5428.3

Coordinates: 28 739.56 / 44,548.50 N
Casing Depth:
Bearing: — Inclination: -90°
Final Depth: 140'

Project: Hoodoo Extension Expl.
State: SD
Date Started: 8-6-91 12:30 pm
Date Completed: 8-6-91 3:30 pm

Hole No.: R91-761 (HE-3)
Sheet 1 of
Property: Gilt Edge
Hole Surveyed: NO

Distance (feet)	Alteration (1 Weak, 2 Moderate, 3 Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	% Sulfides	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement) / Type	Assay Au	Assay Ag
			30	3	0-5	Oxide	Edh	0 - 30 Eamb Deadwood Hornfels f.g. broken, possibly strong fract. zone.	0 - 70 Oxide (no visible sulfides)		
					20-25						
			60				Ttp	30 - 45 Trachyte Porphyry: m.g. cream-tan "peppered"			
			30		45-50		Edh	45 - 54 Eamb. Deadwood Hornfels 49-54 St. FeOx => Fault/shear zone St. clay, damp drilling			
			40				Edq	54-65 Eamb Deadwood Quartzite, wk. mod. - st. FeOx.			
			50				Thtp	65-70 Hornblende Trachyte Porphy.			
			40		70-75	tr	Edq	mod. FeOx.	70-80 Mix, tr. f.g. disem. pyrite		
			40					70-80 Eamb. Deadwood Quartzite,			
			50			~1	Thtp	tr-1% Thtp traces. 80 - 115 Hornblende Trachyte Porph.	80 - 115 Sulfide, ~2% pyrite		
					95-100						
			10				PE	115 - PE Qtz. Mica Schist (tr. H2O @ Thtp, PE contact)			
					120-125						
			↓			↓	↓	Hole TD @ 140'			
					145-150						
					170-175						

DRILL CUTTING LOG

Logged by: S. Ringhoffer

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*  DrillHole : R91-762  *
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COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
28714.91	44665.56	5413.08	273.00	-88.00	170.00	8/7/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.000	0.000	1.	3.
5.00	10.00	5.00	0.000	0.000	30.	3.
10.00	15.00	5.00	0.002	0.002	30.	3.
15.00	20.00	5.00	0.001	0.001	30.	3.
20.00	25.00	5.00	0.000	0.000	30.	3.
25.00	30.00	5.00	0.001	0.001	30.	3.
30.00	35.00	5.00	0.001	0.001	30.	3.
35.00	40.00	5.00	0.001	0.001	30.	3.
40.00	45.00	5.00	0.000	0.000	30.	3.
45.00	50.00	5.00	0.001	0.001	50.	3.
50.00	55.00	5.00	0.002	0.002	50.	3.
55.00	60.00	5.00	0.007	0.007	30.	3.
60.00	65.00	5.00	0.002	0.002	40.	3.
65.00	70.00	5.00	0.004	0.004	40.	3.
70.00	75.00	5.00	0.006	0.006	50.	2.
75.00	80.00	5.00	0.003	0.003	50.	1.
80.00	85.00	5.00	0.001	0.001	50.	1.
85.00	90.00	5.00	0.000	0.000	40.	1.
90.00	95.00	5.00	0.005	0.005	40.	1.
[illegible].00	100.00	5.00	0.000	0.000	10.	1.
100.00	105.00	5.00	0.000	0.000	10.	1.
105.00	110.00	5.00	0.000	0.000	50.	1.
110.00	115.00	5.00	0.000	0.000	50.	1.
115.00	120.00	5.00	0.004	0.004	50.	1.
120.00	125.00	5.00	0.000	0.000	50.	1.
125.00	130.00	5.00	0.000	0.000	50.	1.
130.00	135.00	5.00	0.000	0.000	50.	1.
135.00	140.00	5.00	0.000	0.000	50.	1.
140.00	145.00	5.00	0.000	0.000	50.	1.
145.00	150.00	5.00	0.003	0.003	50.	1.
150.00	155.00	5.00	0.000	0.000	50.	1.
155.00	160.00	5.00	0.000	0.000	10.	1.
160.00	165.00	5.00	0.001	0.001	10.	1.
165.00	170.00	5.00	0.002	0.002	10.	1.

Pit-Bench-Pattern # R91-762

0-5
165-170 TD

Submittal Date 8/8/91 1:08P

(1)

BLADE HOLE

Bot BoCH Blade and FIRE DETERMINATIONS

DATE: 8/9/91

NAME: JS

	SAMPLE	FIRE Au.	BoCH Au.		SAMPLE	FIRE Au.	BoCH Au.
1.	0-5		nil	25.	Standard ✓		.015
2.	5-10		nil	26.	105-110		nil
3.	10-15	.002	.001	27.	✓7		.026
4.	15-20		.001	28.	110-115		nil
5.	20-25		nil	29.	115-120	.004	nil
6.	25-30		.001	30.	120-125		nil
7.	30-35		.001	31.	125-130		nil
8.	Standard ✓		.015	32.	130-135		nil
9.	35-40		.001	33.			
10.	40-45		nil	34.			
11.	45-50		.001	35.	135-140		nil
12.	50-55		.002	36.	140-145		nil
13.	55-60	.007	.006	37.	145-150	.003	.002
14.	60-65		.002	38.	150-155		nil
15.	65-70		.004	39.	155-160		nil
16.				40.	160-165		.001
17.				41.	165-170		.002
18.	70-75	.006	.004	42.	Standard ✓		.015
19.	75-80		.003	43.	165-170		.002
20.	80-85		.001	44.			
21.	85-90		nil	45.			
22.	90-95	.005	.001	46.			
23.	95-100		nil	47.			
24.	100-105		nil	48.			

JS

Pit-Bench-Pattern #
R91-762 0-5 165-170 TD

Submittal Date
8/8/91 1:08P

BLAST HOLE
Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 8/9/91
NAME: 95

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	0-5		nil	25.	Standard ✓		.015
2.	5-10		nil	26.	105-110		nil
3.	10-15		.001	27.	✓ 7		.026
4.	15-20		.001	28.	110-115		nil
5.	20-25		nil	29.	115-120		nil
6.	25-30		.001	30.	120-125		nil
7.	30-35		.001	31.	125-130		nil
8.	Standard ✓		.015	32.	130-135		nil
9.	35-40		.001	33.			
10.	40-45		nil	34.			
11.	45-50		.001	35.	135-140		nil
12.	50-55		.002	36.	140-145		nil
13.	55-60		.006	37.	145-150		.002
14.	60-65		.002	38.	150-155		nil
15.	65-70		.004	39.	155-160		nil
16.				40.	160-165		.001
17.				41.	165-170		.002
18.	70-75		.004	42.	Standard ✓		.015
19.	75-80		.003	43.	165-170		.002
20.	80-85		.001	44.			
21.	85-90		nil	45.			
22.	90-95		.001	46.			
23.	95-100		nil	47.			
24.	100-105		nil	48.			

las Exploration
I Buggy
5455.72

Coordinates 28,838.14 E 44,542.98 N
Casing Depth —
Bearing — Inclination -90°
Final Depth 175'

Project Hoodoo Extension Expl.
State SD
Date Started 8-8-91 2:00pm
Date Completed 8-8-91 5:30pm

Hole No. R91-763
Sheet 1 of 1
Property Gilt Edge
Hole Surveyed No

DRILL CUTTING LOG

Logged by: RJM & S. Ringhoffer

GRAPHIC LOGS (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	% ELEVATION sulphides	ROCK TYPE	DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY Au	ASSAY Ag
		30	3	0-5	Oxide	Edh	0-20 F.amb. Deadwood Hornfels v. fg., brown, tan & greenish gray. (10-20) ~1-2% ttp frags.	0-65 Oxide (no visible sulfides)		
		60		20-25		Ttp?	20-40 Trachyte porphyry sill, m.g., orange-brown, FeOx after pyrite.			
		30				Edh	40-90 F.amb. Deadwood hornfels As above.			
				45-50						
			3							
			1		SULF		(65-90) thin, limy sandstone med to dk "drab" green	65-95 SULPHIDE (65-90) ½-1% FeS_2 FeOx to tr.		
				70-75						
		30								
		40	1			Edq	90-100 DEADWOOD FORMATION QUARTZITE light to med gray + org brn FeOx stnd lines med grnd, sucrosic.	90-95) 2-3% FeS_2		
		40	2	95-100	MIX			95-100 MIXED ½% FeS_2; 20% qchips stained by med-dk org brn FeOx		
		50	1		suif	Thtpq	100-123 HORN BLENDE TRACHYTE POR. very light grnish gray, fine grained No "FRESH" unaltered hornblende, relict laths Replaced by FeOx + Silicate? Thtpq?	100-175 SULPHIDE 2-3% FeS_2; 5-15% qchips stnd by ORG BRN FeOx.		
		50		120-125						
		40				Edq	123-130 DEADWOOD FORMATION QUARTZITE w/ 10-20% milky PE chert frags.	(120-125) ½% FeS_2 + Tr FeOx (125-130) tr. pyrite. (130-160) 1-2% pyrite		
		40								
		50				Thtp				
				145-150			130-160 Hornblende Trachyte porph. As above.			
		10				PE	160-175 PE pAleasol, tr. magnetite	(160-175) tr. pyrite		
				170-175			Hole TD @ 175'			

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*************************
*  DrillHole : R91-763  *
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COLLAR DATA

EAST	NORTH	ELEV	AZIMUTH	DIP	DEPTH	DATE	DRILL	TYPE
28838.14	44542.98	5455.72	0.00	-90.00	175.00	8/8/91	IVI	BUGGY

SURVEY DATA

FROM	-TO-	LENGTH	AZIMUTH	DIP

ASSAY DATA

FROM	-TO-	-AI-	GOLD	GOLD2	ROCK	TYPE
0.00	5.00	5.00	0.000	0.000	30.	3.
5.00	10.00	5.00	0.000	0.000	30.	3.
10.00	15.00	5.00	0.000	0.000	30.	3.
15.00	20.00	5.00	0.000	0.000	30.	3.
20.00	25.00	5.00	0.000	0.000	60.	3.
25.00	30.00	5.00	0.000	0.000	60.	3.
30.00	35.00	5.00	0.000	0.000	60.	3.
35.00	40.00	5.00	0.004	0.004	60.	3.
40.00	45.00	5.00	0.001	0.001	30.	3.
45.00	50.00	5.00	0.001	0.001	30.	3.
50.00	55.00	5.00	0.001	0.001	30.	3.
55.00	60.00	5.00	0.000	0.000	30.	3.
60.00	65.00	5.00	0.001	0.001	30.	3.
65.00	70.00	5.00	0.001	0.001	30.	1.
70.00	75.00	5.00	0.001	0.001	30.	1.
75.00	80.00	5.00	0.000	0.000	30.	1.
80.00	85.00	5.00	0.000	0.000	30.	1.
85.00	90.00	5.00	0.003	0.003	30.	1.
90.00	95.00	5.00	0.001	0.001	40.	1.
95.00	100.00	5.00	0.001	0.001	40.	2.
100.00	105.00	5.00	0.001	0.001	50.	1.
105.00	110.00	5.00	0.001	0.001	50.	1.
110.00	115.00	5.00	0.001	0.001	50.	1.
115.00	120.00	5.00	0.003	0.003	50.	1.
120.00	125.00	5.00	0.000	0.000	50.	1.
125.00	130.00	5.00	0.001	0.001	40.	1.
130.00	135.00	5.00	0.001	0.001	50.	1.
135.00	140.00	5.00	0.001	0.001	50.	1.
140.00	145.00	5.00	0.009	0.009	50.	1.
145.00	150.00	5.00	0.001	0.001	50.	1.
150.00	155.00	5.00	0.000	0.000	50.	1.
155.00	160.00	5.00	0.000	0.000	50.	1.
160.00	165.00	5.00	0.000	0.000	10.	1.
165.00	170.00	5.00	0.002	0.002	10.	1.
170.00	175.00	5.00	0.000	0.000	10.	1.

Submittal Date
8-9-91 8:15 am

Hot NaCN Shake
and
FIRE DETERMINATIONS

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	0 - 5		nil	25.	Standard ✓		.015
2.	5 - 10		nil	26.	100 - 105		.001
3.	10 - 15		nil	27.	105 - 110		.001
4.	15 - 20		nil	28.	110 - 115		.001
5.	20 - 25	NIL	.001	29.	115 - 120	.003	.002
6.	25 - 30		nil	30.	120 - 125		nil
7.	30 - 35		nil	31.	125 - 130		.001
8.	Standard ✓		.016	32.	130 - 135		.001
9.	35 - 40	.004	.003	33.			
10.	40 - 45		.001	34.			
11.	45 - 50		.001	35.	135 - 140		.001
12.	50 - 55		.001	36.	140 - 145	.009	.007
13.	55 - 60		nil	37.	145 - 150		.001
14.	60 - 65	.001	.002	38.	150 - 155		nil
15.	65 - 70		.001	39.	155 - 160		nil
16.				40.	160 - 165		nil
17.				41.	165 - 170	.002	.001
18.	70 - 75		.001	42.	Standard ✓		.016
19.	75 - 80		nil	43.	170 - ① 175		nil
20.	✓ 7		.026	44.	170 - ② 175		nil
21.	80 - 85		nil	45.			
22.	85 - 90	.003	.001	46.			
23.	90 - 95		.001	47.			
24.	95 - [illegible]		.001	48.			

Submittal Date
8-9-91 8:15 am

Bot ReCH Blake
and
FIRE DETERMINATIONS

NAME: MM

	SAMPLE	FIRE Au.	ReCH Au.		SAMPLE	FIRE Au.	ReCH Au.
1.	0 - 5		nil	25.	Standard ✓		.015
2.	5 - 10		nil	26.	100 - 105		.001
3.	10 - 15		nil	27.	105 - 110		.001
4.	15 - 20		nil	28.	110 - 115		.001
5.	20 - 25		.001	29.	115 - 120		.002
6.	25 - 30		nil	30.	120 - 125		nil
7.	30 - 35		nil	31.	125 - 130		.001
8.	Standard ✓		.016	32.	130 - 135		.001
9.	35 - 40		.003	33.			
10.	40 - 45		.001	34.			
11.	45 - 50		.001	35.	135 - 140		.001
12.	50 - 55		.001	36.	140 - 145		.007
13.	55 - 60		nil	37.	145 - 150		.001
14.	60 - 65		.002	38.	150 - 155		nil
15.	65 - 70		.001	39.	155 - 160		nil
16.				40.	160 - 165		nil
17.				41.	165 - 170		.001
18.	70 - 75		.001	42.	Standard ✓		.016
19.	75 - 80		nil	43.	170 - ① 175		nil
20.	✓ 7		.026	44.	170 - ② 175		nil
21.	80 - 85		nil	45.			
22.	85 - 90		.001	46.			
23.	90 - 95		.001	47.			
24.	95 -		.001	48.			