PROJECT: Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH - 228
SHEET 1 OF 5

CONTRACTOR: Lang
CORE SIZE: 5" rev. circ.
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING: —
INCLINATION: -90°
TOTAL DEPTH: 300

COLLAR COORDINATES: N 748,320 E 1,127,230
STARTED:
COMPLETED:

COMMENTS: Summary sheet 5

AVE. CORE REC'Y/HOLE:

SECTION: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

ALTERATION: oxide, silica, sericite, argillic

FRACTURING

MINERAL: py

GEOLOGY

DESCRIPTIVE GEOLOGY

very strong oxide

strong oxide

TRACHYTE PORPHYRY-Tep

Feldspar-rich porphyry, very highly altered by silicification and argillization. All alteration products are very fine grained and very difficult to identify.

← limonite after pyrite w/ some black coatings

← 50% strong oxide to limonite, also 3-5% pyrite
40% weak oxidized

← hem after pyrite

← magnetite after pyrite (?)

← 70% strong oxidation, also 5-10% pyrite
30% weak oxide

DRILLING INTERVAL

% CORE RECOVERED

CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver. Au for a only
1439			nf	nf	20	–	–				–
1440			nf	nf	20	–	–				–
1441			tr	nf	40	–	–				–
1442			tr	nf	120	–	–				–
1443			nf	nf	80	–	–				–
1444			nf	nf	40	–	–				–
1445			nf	nf	40	–	–				–
1446			tr	nf	20	–	–				–
1447			nf	nf	60	–	–				–
1448			nf	nf	20	–	–				–
1449			tr	nf	40	–	–				–
1450			nf	nf	60	–	–				–
1451			.008	.008	40	–	–				–
1452			nf	nf	20	–	–				–

PROJECT: Gilt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-228
SHEET 2 OF 5

CONTRACTOR: Lang
CORE SIZE: 5" rev. circ.
LOGGED BY: C. A. Rautman
SCALE: 1"=10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES: N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: argillic	FRACTURING	MINERAL py	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
70	strong										
75											
80								← 5-10% pyrite 50% strong oxide			
85								TRACHYTE PORPHYRY - Ttp Strong pervasive alteration Abundant black mineral coatings associated with sulfide oxidation.			
90											
95											
100								← Alteration obscures original rock texture and is very fine grained			
105											
110	Weak oxide										
115											
120											
125											
130											
135											
140											

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1453			nf	tr	40	–	–				–
1454			tr	tr	60	–	–				–
1455			.005	nf	40	–	–				–
1456			.010	tr	60	–	–				–
1457			tr	nf	10	–	–				–
1458			.005	nf.	10	–	–				–
1459			nf.	tr	20	–	–				–
1460			.003	nf	10	–	–				–
1461			nf	tr	20	–	–				–
1462			.005	nf.	-10	–	–				–
1463			nf	nf	-10	–	–				–
1464			nf	tr	-10	–	–				–
1465			nf	nf	10	–	–				–
1466			nf	nf	-10	–	–				–

PROJECT: Mt Edge
LOCATION: Dandwood S.D.
HOLE NO: RDH-228
SHEET 3 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: C.A. Rautman
SCALE: 1" = 10'

ELEVATION:
BARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES: N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: argillic	FRACTURING	MINERAL Py	GEOLOGY
140–145	weak						
145–150	weak						
150–155	weak						
155–160	weak						
160–165	moderate						
165–170	moderate						
170–175	weak						
175–180	weak						
180–185	strong						
185–190	weak						
190–195	weak						
195–200	weak						
200–205	moderate						
205–210							

DESCRIPTIVE GEOLOGY

TRACHYTE PORPHYRY - Ttp

Same altered porphyry with rock texture totally destroyed by fine-grained alteration products.

Black mineral coatings persist - chalcocite(?).

← 1-2% pyrite

1-2% pyrite

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver Au P.a. only
			1467			nf	nf	10	-	-				-
			1468			nf	nf	10	-	-				-
			1469			nf	nf	20	-	-				-
			1470			nf	nf	10	-	-				-
			1471			nf	nf	10	-	-				-
			1472			nf	nf	20	-	-				-
			1473			nf	nf	10	-	-				-
			1474			nf	tr	20	-	-				-
			1475			nf	nf	60	-	-				-
			1476			tr	nf	80	-	-				-
			1477			nf	nf	40	-	-				-
			1478			nf	nf	40	-	-				-
			1479			nf	nf	40	-	-				-
			1480			nf	nf	40	-	-				-

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-228
SHEET 4 OF 5
CONTRACTOR:
CORE SIZE:
LOGGED BY: C. A. Rautman
SCALE: 1" = 10'
ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:
COLLAR COORDINATES: N E
STARTED:
COMPLETED:

ALTERATION: oxide, silica, sericite, argillic
FRACTURING
MINERAL py
GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

SECTION: 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280

oxide → Trace → unoxidized

← 1-2% pyrite

TRACHYTE PORPHYRY - Ttp
Indistinct rock type due to alteration.
Black disseminated mineral persists.

} 2-3% pyrite

Not logged below this - collect chips from rejects

DRILLING INTERVAL | % CORE RECOVERED | CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / SHMC	opt Au / SHMC	ppb Au / Chemex AA	opt Au / Chemex	opt Au / Union	%	%	COMPOSITE ASSAYS	Aver Au fire-assay
1481			nf	nf	40	-	-				-
1482			nf	nf	120	-	-				-
1483			tr	nf	40	-	-				-
1484			tr	nf	40	-	-				-
1485			nf	nf	40	-	-				-
1486			nf	nf	40	-	-				-
1487 1488			nf nf	nf nf	10 20	-	-				-
1489			.010	.020	120	-	-				-
1490			.008	.008	60	-	-				-
1491			nf	nf	20	-	-				-
1492			.005	nf	60	-	-				-
1493			tr	nf	20	-	-				-
1494			nf	nf	-	-	-				-
1495			.005	.005	20	-	-				-

PROJECT: Mt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-228
SHEET 5 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: C.A. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

SECTION	ALTERATION: oxide	silica	sericite	argillic	FRACTURING	MINERAL Py	GEOLOGY	COMMENTS: / AVE. CORE REC'Y/HOLE: / DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	CORE SAMPLE INTERVALS & ASSAYS: SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex M	opt Au % chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
280												1496			tr	nf	10	–	–				–
285												1497			.005	nf	40 -10 10	–	–				–
290												1498			.010	.005	60	–	–				–
295												1499			.012	.012	160	–	–				–
300								Bottom of Hole 300'															

Summary: This hole collars in an extremely altered, oxidized feldspar-rich porphyritic rock. The combination of alteration, leaching and iron staining makes identification of original rock type uncertain. Most of the rock resembles trachyte porphyry. Much of the oxidized rock once contained ± 5% pyrite. More diffuse Fe-ox staining is produced by both limonite and hematite. A very fine-grained black mineral is disseminated throughout much of the hole, oxidized & unoxidized. Black dendritic coatings occur locally

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-229
SHEET 1 OF 5

CONTRACTOR: Lang.
CORE SIZE: 5" rev. circ.
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING: —
INCLINATION: -90°
TOTAL DEPTH: 300

COLLAR COORDINATES:
N 747,575 E 1,124,850
STARTED:
COMPLETED:

COMMENTS: Summary in page 5.

AVE. CORE REC'Y/HOLE:

SECTION: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

ALTERATION: oxide, silica, sericite, hornfels

FRACTURING

MINERAL py

GEOLOGY

DESCRIPTIVE GEOLOGY

Very strong

Minor

Trace

unoxidized

HORNBLENDE DIORITE - Td

Uniform texture diorite, severely altered to quartz-sericite, all hornblende is destroyed.

Pyrite averages 2-3%

← +5% pyrite veinlets

Very intensive silicification

Alteration type looks like phyllic; quartz-sericite-pyrite.

DRILLING INTERVAL

% CORE RECOVERED

CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / SHMC	opt Au / SHMC	ppb Au / Chemex AA	opt Au / Chemex	opt Au / Union	%	%	COMPOSITE ASSAYS	Aver Au f.a only
1500			nf	.005	80	–	–				–
1501			.015	.015	100	–	–				–
1502			.025	.025	360	.018	.010				.020
1503			.025	.025	140	–	.010				.020
1504			.010	.010	100	–	–				–
1505			.005	.005	100	–	–				–
1506			.008	.008	20	–	–				–
1507			.003	.003	80	–	–				–
1508			tr	tr	20	–	–				–
1509			tr	nf	10	–	–				–
1510			nf	nf	-10	–	–				–
1511			.030	.030	560	.020	–				.027
1512			tr	nf	10	–	–				–
1513			.005	tr	40	–	–				–

PROJECT: Mt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH - 229
SHEET 2 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

ALTERATION: oxide, silica, sericite, hornfels
FRACTURING
MINERAL py
GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

HORNBLENDE DIORITE - Td

Same, highly altered rock type
Pyrite typically 2-3% throughout.
Pyrite replaces hornblende phenocrysts

← qtz-py micro veinlets
5-10% pyrite

← some qtz-py veinlets.

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: hornfels	FRACTURING	MINERAL py	GEOLOGY
70							
75							
80							
85	trace						
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							

CORE SAMPLE INTERVALS & ASSAYS

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
			1514			tr	.005	40						
			1515			.003	tr	120						
			1516			.005	.005	60						
			1517			tr	nf	20						
			1518			.010	tr.	100						
			1519			.013	tr	100						
			1520			nf	nf	120						
			1521			nf	nf	40						
			1522			nf	.015	280						
			1523			.010	nf.	140						
			1524			tr	nf	10						
			1525			tr	tr	20						
			1526			.025	nf	280						
			1527			.005	nf	160						

PROJECT: Gilt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-229
SHEET 3 OF 5

CONTRACTOR: Lang
CORE SIZE: 5" rev. circ.
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES: N E
STARTED:
COMPLETED:

ALTERATION: oxide, silica, sericite, hornfels
FRACTURING
MINERAL py
GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

SECTION: 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210

← unoxidized →

← some green chlorite alteration

HORNBLENDE DIORITE - Tdl

Same. Pervasive alteration and consistent 1-3% pyrite.

pronounced change in alteration - subtle rock type change ?

← some qtz-py microveining

DRILLING INTERVAL | % CORE RECOVERED | CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % chemex AA	opt Au % chemex	opt Au % Unton	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1528			.015	.015	120	-	-				-
1529			.025	.025	140	-	-				-
1530			nf	nf	20	-	-				-
1531			.005	nf	80	-	-				-
1532			.030	.030	100	-	-				-
1533			.005	nf	100	-	-				-
1534			nf	nf	20	-	-				-
1535			.015	nf	200	-	-				-
1536			nf	nf	80	-	-				-
1537			nf	nf	20	-	-				-
1538			nf	nf	60	-	-				-
1539			.005	nf	100	-	-				-
1540			tr	nf	60	-	-				-
1541			tr	nf	80	-	-				-

PROJECT: Gilt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-229
SHEET 4 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

SECTION	ALTERATION: oxide	silica	sericite	hornfels	FRACTURING	MINERAL py	GEOLOGY	COMMENTS: / AVE. CORE REC'Y/HOLE: / DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
210								HORNBLENDE DIORITE-Td contact ?			
								← Siliceous Microveining occurs at the contact.			
215											
220								← hornfels laminated metasediments. DEADWOOD FM - Ꞓd Contact uncertain. Extensive alteration obscures porphyry texture			
225											
230								No chips, collect from rejects			
235											
240											
245											
250											
255											
260											
265											
270											
275											
280											

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver. Au f.a. only
1542			nf	tr	60	–	–				–
1543			.005	.005	40	–	–				–
1544			.010	.005	140	–	–				–
1545			.020 .030	nf .030	100 740	.032	–				.031 –
1546			.010	.012	420	.024	–				–
1547			.010	.010	960	.014	–				–
1548			.023	.023	300	.028	–				.025 –
1549			.013	.013	560	.030	–				–
1550			tr	nf	40	–	–				–
1551			nf	nf	60	–	–				–
1552			nf	nf	20	–	–				–
1553			.015	.015	–	–	–				–
1554			.015	.015	120	–	–				–
1555			.010	.010	60	–	–				–

PROJECT: Gold Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-229
SHEET 5 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: C. Rochman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

SECTION	ALTERATION: oxide	silica	sericite	hornfels	FRACTURING	MINERAL py	GEOLOGY	COMMENTS: / AVE. CORE REC'Y/HOLE:	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
280												
285												
290												
295												
300									Bottom of Hole 300'			

SUMMARY: RDH-229 collars in oxidized Td. Severe oxidation occurs to 20 feet. Below this depth, oxidation occurs only along fractures. Hornblende phenocrysts, where observed, are about 3 mm long. Pervasive alteration obliterates the igneous texture, hornblende is the last mineral to be altered. Alteration is probably quartz-sericite-pyrite. Some chloritic material may account for an overall, dull green cast to the rock. Pyrite is variable 2-5%, mostly as finely disseminated crystals and in siliceous microveinlets. Rare pyrite veins reach 2-3 mm. Pyrite may locally replace hornblende. An interesting variety of Td occurs between 155 ft and 175 feet. This porphyry consists of fresh hornblende and mostly fresh plagioclase. The black and white speckled appearance is pronounced in contrast to the dull gray-green uniform texture of the rest of the unit. The hole enters hornfelsed, fine-grained Deadwood Fm. sediments about 212 feet.

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver Au f.a only
1556			.008	.008	60	–	–				–
1557			nf	nf	20	–	–				–
1558			.005	.005	80	–	–				–
1559			.008	.008	200	–	–				–

PROJECT: Edge
LOCATION: Deadwood, S.D.
HOLE NO: RD14-230
SHEET 1 OF 5

CONTRACTOR: Lang
CORE SIZE: 5" rev. circ.
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION: -90°
TOTAL DEPTH: 300'

COLLAR COORDINATES: N 747,110 E 1,124,620
STARTED:
COMPLETED:

SECTION: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

ALTERATION: oxide, silica, sericite

FRACTURING

MINERAL

GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

No chips, collect from rejects

← unox

← 30% oxid

10% oxide

HORNBLENDE DIORITE - Td

Pervasive alteration, most original rock texture is destroyed, below 45' most hornblende is fresh.
1-2% pyrite mostly as disseminations and some weak veinlets, 50'-70'

DRILLING INTERVAL

% CORE RECOVERED

CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au chemex AA	opt Au chemex	opt Au Unizn	%	%	COMPOSITE ASSAYS	Aver. Au f.a. calc
1560			tr	tr	380	.034	–				–
1561			.015	.015	220	–	–				–
1562			.010	.010	500	.036	–				–
1563			.005	.005	140	–	–				–
1564			tr	nf	20	–	–				–
1565			.005	.010	40	–	–				–
1566			tr.	.010	20	–	–				–
1567			nf	nf	10	–	–				–
1568			.015	.015	20	–	–				–
1569			nf	nf	40	–	–				–
1570			.010	nf	20	–	–				–
1571			tr	.005	20	–	–				–
1572			.015	.015	10	–	–				–
1573			nf	nf	140	–	–				–

PROJECT: ...H Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-230
SHEET 2 OF 5

CONTRACTOR: Lang
CORE SIZE: 5"
LOGGED BY: C. Reatman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	FRACTURING	MINERAL	GEOLOGY
70–140						

DESCRIPTIVE GEOLOGY

Tr. oxide

← 1-3% pyrite 70'-90'

HORNBLENDE DIORITE -Td

Pervasive mod-weak alteration intensifying 85' with total rock fabric destruction at 100-120'. Moderate alteration with fresh hornblende 120'-140'

no chips

1% pyrite 95'-120'

← 10% oxide

← Increase in pyrite content 2-3%, much of it as thin veinlets, 120'-145'

Trace oxide

Unoxidized below 140 ft.

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1574			nf	nf	20	–	–				–
1575			nf	nf	10	–	–				–
1576			tr	tr	20	–	–				–
1577			tr	tr	10	–	–				–
1578			nf	nf	20	–	–				–
1579			nf	nf	10	–	–				–
1580			nf	nf	10	–	–				–
1581			tr	nf	80	–	–				–
1582			nf	nf	20	–	–				–
1583			.003	.003	40	–	–				–
1584			tr	tr	20	–	–				–
1585			.012	.012	120	–	–				–
1586			.010	.010	60	–	–				–
1587			.005	nf	20	–	–				–

PROJECT: Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-230
SHEET 3 OF 5

CONTRACTOR: Long
CORE SIZE: 5" totally
LOGGED BY: C. Rautman
SCALE: 1"=10'

ELEVATION:
BARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

ALTERATION: oxide, silica, sericite, hornfels
FRACTURING
MINERAL
GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

140
145
150
155
160
165
170
175
180
185
190
195
200
205
210

← 2-3% pyrite as thin veinlets.

HORNBLENDE DIORITE - Td

← Reduce to 1-2% pyrite 145'-165'

Moderate-pervasive alteration, hornblende difficult to identify.

160-165' rock type uncertain, could be Ꞓd quartzite (?)

no chips

1-3% pyrite 180'-210'; qtz-ser-py alteration, some fine-grained pink - potassic alteration (?).

contact

DEADWOOD FM - Ꞓd

HORNBLENDE DIORITE - Td

mt rims on rare py. prom. yellow-grn mineral

DEADWOOD FM - Ꞓd

Dull green hornfelsed, some siliceous micro-veining.

DRILLING INTERVAL | % CORE RECOVERED | CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % chemex AA	opt Au % chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1588			nf	nf	10	-	-				-
1589			nf	nf	10	-	-				-
1590			nf	nf	-10	-	-				-
1591			nf	nf	-10	-	-				-
1592			nf	nf	10	-	-				-
1593			nf	nf	20	-	-				-
1594			tr	tr	-10	-	-				-
1595			tr	nf	-10	-	-				-
1596			nf	nf	-10	-	-				-
1597			tr	nf	-10	-	-				-
1598			nf	nf	-10	-	-				-
1599			nf	tr	-10	-	-				-
1600			tr	nf	-10	-	-				-
1601			.003	.003	-10	-	-				-

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-230
SHEET 4 OF 5

CONTRACTOR:
CORE SIZE: [redacted]
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING: [redacted]
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N
E
STARTED:
COMPLETED:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: hornfels	FRACTURING	MINERAL py	GEOLOGY
210–280							

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

DEADWOOD FM.

contact

3-5% pyrite 210'-220'

TERTIARY PORPHYRY - ?-

Carbonates present. bluish cast, pervasive alteration, silica microveins.

contact

2-3% py 220'-235'

HORNBLENDE DIORITE - Td

2-5% py 235'-240'

2-3% py 240'-260' dissem & veinlets

contact

DEADWOOD FM - Ed

3-10% py 260'-265'

1-2% py 270'-290'

Thin Hornblende Diorite Sill - Td

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
			1602			.017	.017	70	–	–				–
			1603			tr	nf	20	–	–				–
			1604			.003	.003	-10	–	–				–
			1605			nf	nf	-10	–	–				–
			1606			nf	tr	-10	–	–				–
			1607			nf	tr	-10	–	–				–
			1608			nf	tr	-10	–	–				–
			1609			nf	nf	10	–	–				–
			1610			nf	nf	-10	–	–				–
			1611			nf	nf	-10	–	–				–
			1612			nf	nf	10	–	–				–
			1613			nf	nf	10	–	–				–
			1614			.005	nf	-10	–	–				–
			1615			nf	nf	-10	–	–				–

PROJECT: Mill Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-230
SHEET 5 OF 5

CONTRACTOR: Lang
CORE SIZE: 5"
LOGGED BY: C. Rautman
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: hornfels	FRACTURING	MINERAL py	GEOLOGY	DESCRIPTIVE GEOLOGY
280								
285								DEADWOOD FORMATION - Ꞓd
290								2-3% pyrite 290'-300'
295								HORNBLENDE DIORITE SILL - Td
300								Bottom of Hole 300'

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au Chemex AA	opt Au Chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver. Au f.a. only
			1616			nf	nf	-	-	-				-
			1617			nf	nf	10	-	-				-
			1618			nf	nf	10	-	-				-
			1619			.015	nf	10	-	-				-

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH 231
SHEET 1 OF 5

CONTRACTOR: Lang
CORE SIZE: 5" reverse circl.
LOGGED BY: R. Graichen
SCALE: 1" = 10'

ELEVATION: —
BEARING: —
INCLINATION: -90°
TOTAL DEPTH: 300'

COLLAR COORDINATES:
N 747,615 E 1,125,375
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	FRACTURING	MINERAL py	GEOLOGY
0					none left	
5						
10						
15						
20						
25						
30						
35						
40						
45						
50						
55						
60						
65						
70						

DESCRIPTIVE GEOLOGY

HORNBLENDE DIORITE - Td

Uniform texture hornblende diorite with hb phenocrysts several mm. long. Pervasive alteration mostly v. f-g sericite & clays mask the rock texture to varying intensities. At 40' alteration increases, only a few fresh hb. remain; this occurs to 85 ft.

Very strong, pervasive oxidation 0'-50' moderate oxide 50'-105'

DRILLING INTERVAL | % CORE RECOVERED | CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / SHMC	opt Au / SHMC	ppb Au / Chemex AA	opt Au / Chemex	opt Au / Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1620			tr	nf	20	–	–				–
1621			nf	nf	40						
1622			nf	tr	70	–	–				–
1623			.005	.005	60	–	–				–
1624			.003	.003	40	–	–				–
1625			.015	.015	80	–	–				–
1626			tr	nf	70	–	–				–
1627			.010	.008	40	–	–				–
1628			nf	nf	-10	–	–				–
1629			.005	.005	40	–	–				–
1630			nf	nf	30	–	–				–
1631			nf	nf	10	–	–				–
1632			.015	.015	20	–	–				–
1633			.010	.005	50	–	–				–
1634			nf	nf	20	–	–				–

PROJECT: Mt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-231
SHEET 2 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Gratchen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	FRACTURING	MINERAL	GEOLOGY
70–140						

DESCRIPTIVE GEOLOGY

HORNBLENDE DIORITE - Td

← Trace pyrite 85'-115'. Strong pervasive argillic alteration with some rock pieces pervasively propyllitized & containing 1/2% pyrite, 85'-105'.

← Weak pervasive oxidation 105'-140'. Half of the rock chips are pervasively altered by propyllitic alteration with ~~dissem~~ 1/2% pyrite @ 105-140'.

contact

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au ~~SHMC~~	opt Au ~~SHMC~~	ppb Au ~~Chemex~~ AA	opt Au ~~Chemex~~	opt Au ~~Union~~	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1635			tr	.003	80	–	–				–
1636			tr	tr	90	–	–				–
1637			.008	.008	60	–	–				–
1638			.005	.010	40	–	–				–
1639			.030	.010	530	.005	.010				–
1640			nf	nf	60	–	–				–
1641			.010	.010	90	–	–				–
1642			.050	.045	210	–	–				.048
1643			.058	.058	330	.012	.080				.052
1644			.010	.010	110	–	–				–
1645			.015	.015	100	–	–				–
1646			.010	.010	30	–	–				–
1647			.007	.007	150	–	–				–
1648			tr.	.005	50	–	–				–

PROJECT: Silt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-231
SHEET 3 OF 5
CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Graichen
SCALE: 1" = 10'
ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:
COLLAR COORDINATES: N E
STARTED:
COMPLETED:

ALTERATION: oxide, silica, sericite, hornfels
FRACTURING
MINERAL: py
GEOLOGY

COMMENTS:

AVE. CORE REC'Y/HOLE:

DESCRIPTIVE GEOLOGY

Trace oxide on fractures — DEADWOOD FM - Ꞓd
Siltstone 150'-175'
← 1/2% dissem. py. Dark gray-green hornfels to med-gray weak hornfels
HB DIORITE SILL - Td
← Trace py
← Trace py
← Trace py
← 90% = gray green hornfels, 10% tan w/ tr. hem.
← Thin porphyry dike.
← Possible fault, some fractures contain hematite red oxide
185'-200' rock type not definite.
@ 190'-205', 10% of rock chips are oxidized
contact
← 2% dissem pyrite
HORNBLENDE DIORITE - Td
Silicified 20% with disseminated pyrite

DRILLING INTERVAL
% CORE RECOVERED
CORE SIZE

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % chemex AA	opt Au % chemex	opt Au % Unizn	%	%	COMPOSITE ASSAYS	Aver. Au S.A. only
1649			nf	nf	10						
1650			.005	.005	80						
1651			tr	.010	20						
1652			nf	nf	-10						
1653			nf	tr	20						
1654			nf	nf	-10						
1655			nf	nf	30						
1656			.003	nf	30						
1657			tr	nf	20						
1658			tr	tr.	40						
1659			.005	.005	—						
1660			nf	nf	20						
1661			tr	nf	10						
1662			.005	.005	20						

PROJECT: H Edge
LOCATION: Deadwood S.D.
HOLE NO: RDH-231
SHEET 4 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Graichen
SCALE: 1"=10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

SECTION	ALTERATION: oxide	silica	sericite	hornfels	FRACTURING	MINERAL py	GEOLOGY	COMMENTS: / AVE. CORE REC'Y/HOLE: / DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / SHMC	opt Au / SHMC	ppb Au / chemex AA	opt Au / chemex	opt Au / Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
210												1663			tr	nf	10	–	–				–
215								HORNBLENDE DIORITE - Td				1664			.003	.003	-10	–	–				–
220								no chips collect from split				1665			.003	.003	50	–	–				–
225								← 1/2 of chips are moderate FeOx. Trace pyrite				1666			.015	.015	120	–	–				–
230								← weak silicification of diorite contact				1667			.020	.020	60	–	–				.020
235								no chips collect from split.				1668			.015	.015	180	–	–				.015
240								DEADWOOD FM - Ed No pyrite seen below 240 ft Weak gray hornfels				1669			.030	.030	720	.024	.020				.026
245												1670			.020	.020	360	.010	.020				.018
250												1671			.020	.020	480	.010	.010				.015
255								no chips collect from reject				1672			.020	.020	640	.012	.020				.018
260								← Dark green hornfels				1673			.035	.035	790	.020	.032				.031
265												1674			.020	.020	480	.012	.015				–
270								Trace qtz veins & a dark unknown mineral				1675			.015	.015	420	.020	.010				–
275								← 10% weak FeOX Some black hairline mineral veining				1676			.015	.015	180	–	–				–
280																							

PROJECT: Mt Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-231
SHEET 5 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Graichen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N
E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: hornfels	FRACTURING	MINERAL Py	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
280								DEADWOOD FM - Ꞓd Dark brown and pistachio hornfels.			
285											
290											
295											
300								Bottom of Hole 300'			

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / % SHMC	opt Au / % SHMC	ppb Au / % Chemex AA	opt Au / % Chemex	opt Au / % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1677			.010	.010	50	–	–				–
1678			.005	nf	80	–	–				–
1679			.010	.020	100	–	–				–
1680			.005	.010	70	–	–				–

PROJ: Edge
LOCATION: Dentwood, S.D.
HOLE NO: RDH-232
SHEET 1 OF 5

CONTRACTOR: Long
CORE SIZE: 5" rev. circ.
LOGGED: R. Graichen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION: -90°
TOTAL DEPTH: 300

COLLAR COORDINATES: N 746,650 E 1,124,990
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: Silica	ALTERATION: Sericite	FRACTURING	MINERAL	GEOLOGY	DESCRIPTIVE GEOLOGY
0–5							overburden
5–70							↑ No chips, collect from split HORNBLENDE DIORITE - Td Thin oxide coatings on a few thin fractures 50° to 85°. Pyrite is disseminated 1%. Pervasive propylitic alteration

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver. Au fa. only
			1681			nf	nf	20	–	–				–
			1682			.015	.005	80	–	–				–
			1683			.005	.010	120	–	–				–
			1684						–	–				–
			1685			tr	nf	20	–	–				–
			1686			tr	nf	-10	–	–				–
			1687			nf	nf	-10	–	–				–
			1688			nf	tr	50	–	–				–
			1689			nf	nf	-10	–	–				–
			1690			nf	.100	10	–	–				–
			1691			nf	.010	-10	–	–				–
			1692			.005	nf	-10	–	–				–
			1693			tr	tr	20	–	–				–
			1694			nf	nf	10	–	–				–

PROJ: 11 Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-232
SHEET 2 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Graichen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: silicate	ALTERATION: hornfels	FRACTURING	MINERAL	GEOLOGY
70–145							

DESCRIPTIVE GEOLOGY

HORNBLENDE DIORITE - Td

Disseminated 1% pyrite
Pervasive propyllitic alteration,
fresh hornblende phenocrysts

← 10-15% pervasive silica flooding

contact

DEADWOOD FM - Cd

No pyrite in Cd. Dark and light green hornfels, some quartz veins
Deadwood is a siltstone

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au / % SHMC	opt Au / % SHMC	ppb Au / % Chemex AA	opt Au / % Chemex	opt Au / % Union	%	%	COMPOSITE ASSAYS	Aver. Au f.a. only
			1695			nf	nf	10	-	-				-
			1696			.002	.002	10	-	-				-
			1697			nf	nf	10	-	-				-
			1698			nf	nf	20	-	-				-
			1699			nf	nf	80	-	-				-
			1700			.005	.005	20	-	-				-
			1701			nf	nf	10	-	-				-
			1702			nf	nf	40	-	-				-
			1703			tr	tr	40	-	-				-
			1704			tr	nf	40	-	-				-
			1705			.003	tr	80	-	-				-
			1706			nf	nf	70	-	-				-
			1707			.005	nf	80	-	-				-
			1708			nf	nf	60	-	-				-

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-232
SHEET 3 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Graichen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	silica	sericite	hornfels	FRACTURING	MINERAL py	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
140											
145								DEADWOOD FM - Ꞓd Brown and green hornfels 150'-175 (Thin green veins in brown) Pyrite is disseminated and as hairline veinlets			
150											
155											
160											
165											
170											
175								contact HORNBLENDE DIORITE - Td contact			
180								DEADWOOD FM - Ꞓd Dark brown hornfels = biotite (?) contact			
185											
190								← 75% oxidized no pyrite QUARTZ PORPHYRY - Tp Quartz feldspar porphyry Strong pervasive argillic alteration This unit has added potassium as biotite hornfels to the Deadwood Fm.			
195								← 25% oxidized no pyrite			
200											
205											
210											

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au SHMC	opt Au SHMC	ppb Au chemex AA	opt Au chemex	opt Au Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1709			tr	nf	30	-	-				-
1710			nf	nf	-10	-	-				-
1711			tr	nf	30	-	-				-
1712			tr	tr	-10	-	-				-
1713			tr	nf	20	-	-				-
1714			.010	nf	100	-	-				-
1715			nf	nf	60	-	-				-
1716			.010	nf	20	-	-				-
1717			.005	.005	10	-	-				-
1718			tr	nf	-10	-	-				-
1719			.008	.008	20	-	-				-
1720			nf	nf	20	-	-				-
1721			nf	nf	10	-	-				-
1722			.005	nf	60	-	-				-

PROJECT: [illegible] Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-232
SHEET 4 OF 5

CONTRACTOR: Lang
CORE SIZE: 5"
LOGGED BY: R. Graichen
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES: N E
STARTED:
COMPLETED:

COMMENTS:

AVE. CORE REC'Y/HOLE:

SECTION	ALTERATION: oxide	ALTERATION: silica	ALTERATION: sericite	ALTERATION: hornfels	FRACTURING	MINERAL Py	GEOLOGY	DESCRIPTIVE GEOLOGY
200								Quartz-Feldspar Porphyry - Tp.
205								← Trace pyrite DEADWOOD FM - Ꞓd Dark chocolate brown hornfels potassic alteration from contact at about 213' to 230', then hornfels is dull greenish color.
220								
225								
230								
235								
240								
245								HORNBLENDE DIORITE - Td Propyllitic alteration, trace pyrite
250								
255								
260								DEADWOOD FM - Ꞓd Gray green hornfels of v.f.g. clastics. Coarse siltstone 265'-270' pyrite as 1% thin veinlets.
265								
270								
275								
280								DEADWOOD FM QUARTZITE - Ꞓd

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Unim	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
			1723			.010	.010	20	-					
			1724			.005	nf.	30	-					
			1725			.005	tr	-10	-					
			1726			.010	.010	50	-					
			1727			.015	.015	260	-					
			1728			.020	.020	210	-					
			1729			nf	nf	110	-					
			1730			.020	tr.	160	-					
			1731			.012	.012	90	-					
			1732			nf.	tr.	50	-					
			1733			.012	.012	360	.010	.010				
			1734			.015	.015	120	-					
			1735			.020	.020	220	-					
			1736			nf	nf	-	-					

PROJECT: Edge
LOCATION: Deadwood, S.D.
HOLE NO: RDH-232
SHEET 5 OF 5

CONTRACTOR:
CORE SIZE:
LOGGED BY: R. Gordon
SCALE: 1" = 10'

ELEVATION:
BEARING:
INCLINATION:
TOTAL DEPTH:

COLLAR COORDINATES:
N
E
STARTED:
COMPLETED:

SECTION	ALTERATION: Oxide	ALTERATION: Silica	ALTERATION: Sericite	ALTERATION: Manganese	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / AVE. CORE REC'Y/HOLE:	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE
280									DEADWOOD FM- Ed QUARTZITE Disseminated pyrite 2-3% 280'-295', and 5-10% @ 295'-300' No alteration apparent. Some black mineral present (?) (obviously this hole must be deepened) Bottom of Hole 300'			
285												
290												
295												
300												

CORE SAMPLE INTERVALS & ASSAYS

SAMPLE INTERVAL	% REC'Y./SAMP. INT.	ESTIMATED %	opt Au % SHMC	opt Au % SHMC	ppb Au % Chemex AA	opt Au % Chemex	opt Au % Union	%	%	COMPOSITE ASSAYS	Aver Au f.a. only
1737			nf	nf	50						
1738			nf	nf	60						
1739			nf	nf	180						
1740			.030	.030	100						