SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

Note: Johannsen petrologic classification system used, not CSM as in previous years

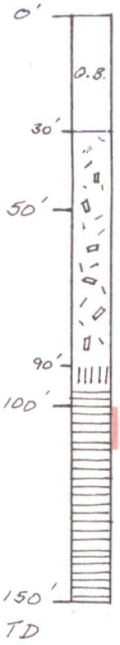
DRILL HOLE NO. 80 GLE 189

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 150', BY _____

START _____ COMPLETED _____



0-30' Dump and tailings pond fragments. Generally iron-stained.

30'-90'

Fine rhyolite porphyry, possibly quartz latite porphyry. Angular quartz grains to 1 mm. v. fine, well-formed pyrite cubes < 1/4%, occ. chalcosite (?) coating. Unoxidized. Plagioclase (?) phenocrysts to 2mm lightly clay-altered. Occ. fragments of K-spar maximum drill fragment size. Matrix v. fine quartz and unident. feldspar.

90'-150'

Quartz-biotite gneiss, Quartz very abundant. Finely banded. Microscopic pyrite grains in quartz (+fsp ?) fragments (look grayish - arsenopyrite ?)

Fragments of fine rhyolite porphyry begin to appear.

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary Hole

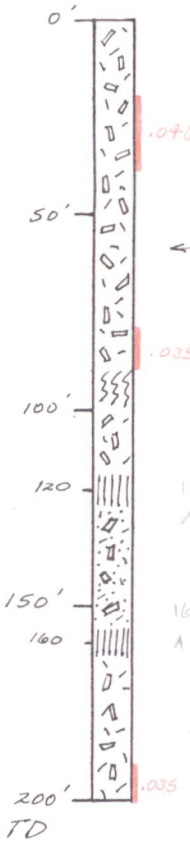
DRILL HOLE NO. 80 GLE 191

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 200', BY _____

START _____ COMPLETED _____



0-120'

Fine-medium rhyolite porphyry (possibly quartz latite). Plagioclase 1-2mm and rounded quartz grains 1mm in a matrix of slightly clay altered K-feldspar. Occasional large K-spar fragment.

0-60' mostly oxide 60-200' mostly sulfide

Clay alteration of matrix diminishing

90-100 Shear zone (?) Fragments fine, abundant sericite

120'-160'

Same rock with abundant secondary silica. Fine pyrite + v. fine dark gray metallic mineral common. Plagioclase phenocrysts still visible. Occasional epidote seen.

160'-200'

Silicification gradually decreases

Fine rhyolite porphyry as before, minor silicification. Pyrite <1/4%, cubes to 2mm unident. gray mineral also present.

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

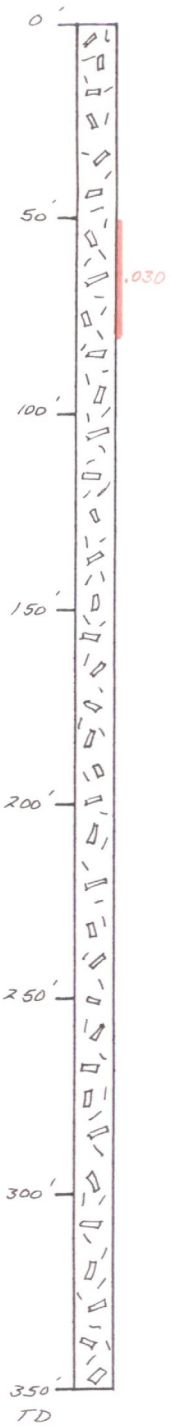
DRILL HOLE NO. 80 GLE 192

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 350', BY _____

START _____ COMPLETED _____



0-350'

Fine-medium rhyolite porphyry, possibly quartz latite. Fine (~2mm) mild-moderately clay altered plagioclase phenocrysts occur in a quartz-feldspar (K-spar?) matrix with subangular-subrounded quartz phenocrysts to 1mm. Occ. v. large (maximum drill fragment size) orthoclase fragment. Pyrite common, trace to <1/4% as v. fine cubes.

Rare fine flow banding seen 0-10'.

Sulfides generally oxidized 0-170', light hematite staining with goethite 20-110', otherwise goethite. Generally sulfide 170-350' with occasional chalcosite coating. Limonite on old fracture surfaces.

Note: this hole is in bimodal rhyolite, but I can't tell that from the chips. It looks like the rhyolite in 189. RK type may change ~150 to the rhyolite in 189.

Do not type

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

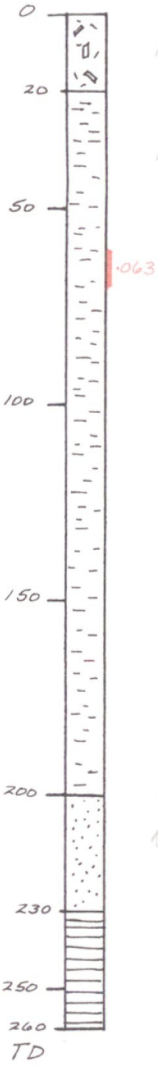
DRILL HOLE NO. 80 GLE 194

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 260', BY _____

START _____ COMPLETED _____



0-20'

Fine rhyolite porphyry, iron stained. Trace of pyrite. Occ. fragments of quartz-biotite schist.

20'-200'

Silicified quartz biotite schist. Quartz in v. fine, abundant stringers and blebs with fine disseminated fresh pyrite.

Quartz decreasing downhole

200'-230'

Light gray quartz vein with pyrite aggregates to 1/8"

230'-260'

Quartz-biotite schist/gneiss with v. fine pyrite in quartz (+ feldspar?) layers

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

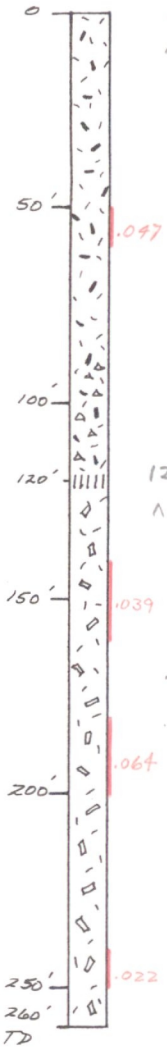
DRILL HOLE NO. 80 GLE 195

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 260', BY _____

START _____ COMPLETED _____



0-120'

Fine latite porphyry, possibly trachyte. 1-2 mm plagioclase phenocrysts in a k-spar (?) matrix. No quartz phenocrysts seen. Large k-spar pieces rare. Pyrite as fine cubes and aggregates ~ 1/4% of rock, oxidized to limonite and goethite stain 0-30'; generally fresh below 30'.

Silicification and pyrite increase

70-80 minor fluorite

80-120 fragments finer, rock lightly goethite coated, occ. fine fluorite and moly disseminated Fracture zone?

110-120 Molybdenite (?) and fluorite in rare fragments, moly occ. in fine veinlets

120'-260'

Fine rhyolite porphyry with plagioclase and rare k-spar phenocrysts in a k-spar + quartz matrix

Quartz phenocrysts and k-spar phenocrysts increase moderately downhole

Pyrite 1/4-1/2%, gen. sulfide, occ surrounded by limonite, Rk occ has minor goethite stain

~~Fine bimodal?~~

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

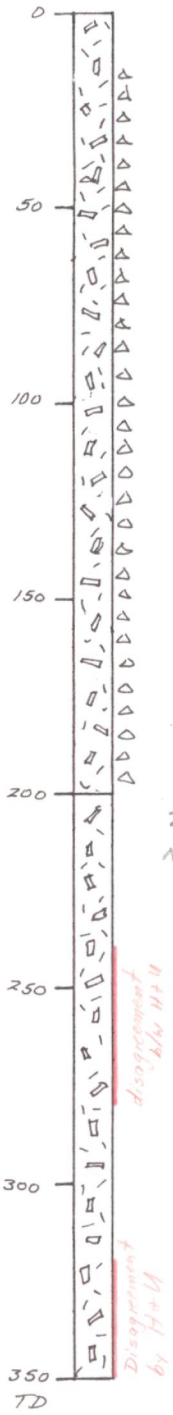
DRILL HOLE NO. 80 GLE 196

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 350', BY _____

START _____ COMPLETED _____



0-200'

Medium - fine rhyolite porphyry. White kspar matrix with k-spar phenocrysts to maximum fragment size. Occ. fine plagioclase phenocrysts. Rounded quartz grains to 2 mm. Abundant fine sprinkles of hematite, gen with minor goethite and rare limonite, becoming more pervasive downhole to 100'. Goethite more common 100-160', hematite 160-180', goethite and hematite 180-200'.

Occ. fragments of finely laminated v. grainy quartz with limonite

170-180 prob. breccia zone, entire 0-200' possibly breccia zone

Plagioclase phenocrysts increasing, k-spar decreasing

Limit of oxidation 200 feet

200-350'

Fine rhyolite porphyry with plagioclase phenocrysts ~2 mm, occ subrounded quartz grains 1-2 mm, qtz + k spar matrix. Pyrite ~1/4%, varies slightly, in fine disseminated cubes. Mild secondary silicification of groundmass. k-spar phenocrysts rare

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary Hole

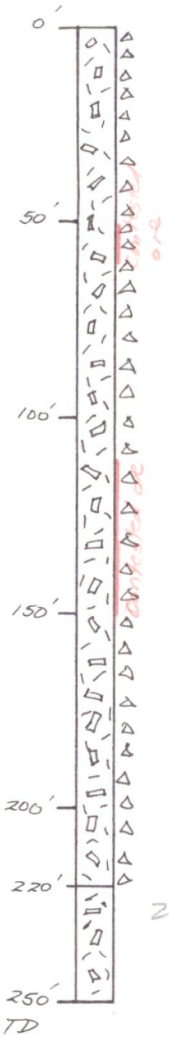
DRILL HOLE NO. 80 GLE 198

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0-220'

Fine-medium rhyolite porphyry of quartz + k-spar matrix, plagioclase phenocrysts, occ. v. fine pyrite and abundant hematite and goethite. Probable breccia zone. Quartz phenocrysts 1-2 mm. occ. embayed or partially dissolved. K-spar phenocrysts rare - because they dont occur, or are they broken into unrecognizable fragments?

Looks like it should be good ore - why isnt it?

Do not type

Limit of oxidation 220'

220-250'

Fine, grainy, siliceous rhyolite porphyry with ~1/4% fine disseminated fsp

Possibly quartz-latite - little k-spar identified

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

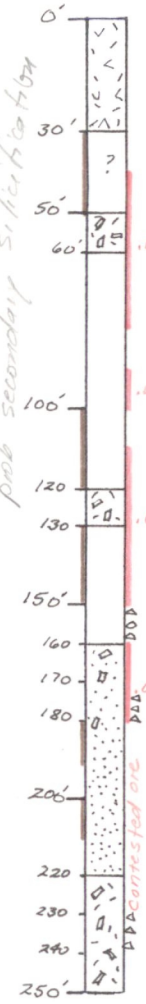
DRILL HOLE NO. 80 GLE 199

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



magnetite

0-30'

Fine-medium trachyte porphyry, probably partially dump rock from Rattlesnake workings. Fine disseminated pyrite.

20-30 dirty, clay-rich. Limit of oxidation

30-50'

Fine magnetite rich rock with fragments of quartz biotite schist

50-60'

Fine rhyolite porphyry with ≈ 1/2 % pyrite as 1-2 mm cubes and dots

60-70'

V. Siliceous quartz biotite schist (pЄ?) with separate fragments of quartz, grainy + occ. finely laminated, and fine-medium biotite schist. Pyrite abundant as fine cubes.

Rk looks dirty, like graywacke, in occ. fragments.

Contains magnetite-rich zones

120-130'

Fine rhyolite or trachyte porphyry with fine pyrite

130-160'

Siliceous, magnetite rich quartz biotite schist continued

150-160 Shear zone? Fragments fine, clay more common

160-220' Fine trachyte or rhyolite porphyry with abundant secondary silica

170-180 possible shear zone

Silica-magnetite-pyrite rock, probably "quartz ledge"

220-250'

Fine rhyolite porphyry with pyrite in fine cubes. Moderate secondary silicification at top.

230-240 possible shear zone

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

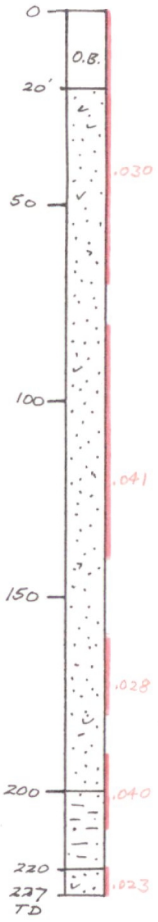
DRILL HOLE NO. 80 GLE 200

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 227', BY _____

START _____ COMPLETED _____



0-20'

Overburden - rhyolite and trachyte porphyry from Rattlesnake dump

20' limit of oxidation

~~20-30' fine, slightly leached~~

20 - 200'

Strongly silicified fine trachyte (?) porphyry with abundant fine pyrite (≧ 1%)

Quartz ledge, minor trachyte textures commonly visible

Silicification increases downhole but is not as intense as that seen underground

Zones of up to 2% pyrite

200 - 220'

Strongly silicified quartz biotite schist

220 - 227'

Strongly silicified fine trachyte with pyrite as before

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

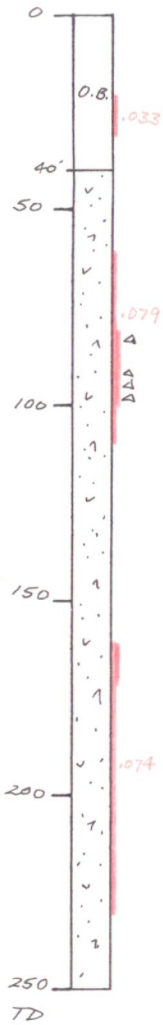
DRILL HOLE NO. 80 GLE 201

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0-40' Fine-medium rhyolite porphyry from Rattlesnake dump. Limonite, goethite + minor hematite

Poor recovery 0-30'

Pyrite → limonite + goethite

40-250' (rhyolite ?)

Silicified trachyte porphyry with occasional fragments of quartzite. Fine disseminated pyrite ~1/2 %. Quartz occ. finely laminated. Zoned k-spar to 3 mm, plagioclase rare.

80-90 possible breccia zone. Occ frags pyrite rich, rare frags limonite stained

90-100 breccia zone. Limonite stained and crusted fragments are found with fresh trachyte.

Rock lightly goethite stained. Occ fragments of fine pyrite

100' possible change to latite ← Do not type

140-150 minor green and purple fluorite

Mixture of fresh trachyte, (rhyolite ?) silicified trachyte, and intermediate type with incipient alteration of pyrite to limonite. Silicification and pyrite increasing. Sulfides partially oxidized. Occasional chalcosite coating of sulfides.

SUMMARY DRILL HOLE LOG

CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary holes

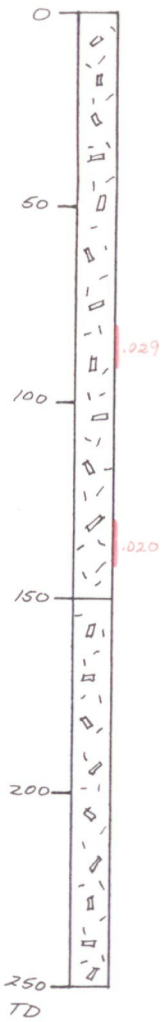
DRILL HOLE NO. 80 GLE 202

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0-250'

Medium - fine rhyolite porphyry, brecciated. Hematite and limonite - stained to 60'; goethite + possible jarosite staining 60-80'; hematite and limonite stained 80-120'; primarily limonite stained 120-150' with stain decreasing downhole. K-spar and quartz phenocrysts are in a fine qtz-kspar-plagioclase matrix.

Quartz phenocrysts less common down hole

Plagioclase increases, but not to ≧ 1/3 of rock

Generally sulfides oxidized

Sulfides generally fresh, minor goethite and limonite staining

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

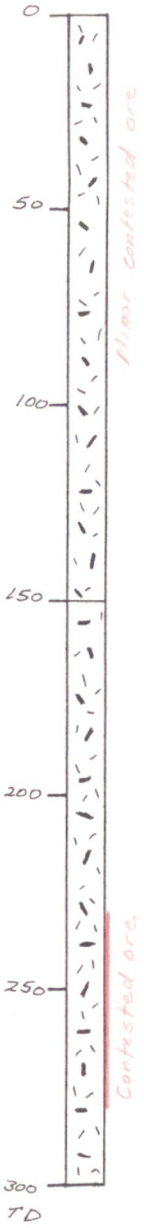
DRILL HOLE NO. 80 GLE 203

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 300', BY _____

START _____ COMPLETED _____



0-300'

Fine ~~rhyolite~~/quartz latite porphyry. Quartz + k-spar phenocrysts in a quartz, k-spar and plagioclase matrix. Mixture of fresh and limonite stained pieces to ~150', less stained downhole. Generally fresh 150-300'. Minor hematite staining 0-10'.

Pyrite as fine fresh cubes + clots <1/4%. Chalcosite coating and specks common.

Sulfides generally fresh

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

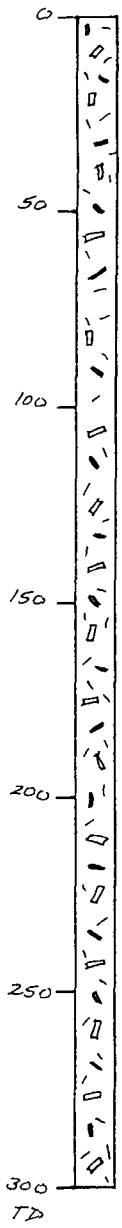
DRILL HOLE NO. 80 GLE 204

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 300', BY _____

START _____ COMPLETED _____



0 - 300'

"Bimodal rhyolite" K-spar + quartz phenocrysts in a quartz - K-spar - plagioclase matrix. Plagioclase phenocrysts so common in hand specimen are more rare in cuttings, possibly serving as zones of breakage in drilling. More plagioclase than previously realized. Lightly stained with hematite and limonite 0-60', generally fresh 60-300'. <1/4% pyrite, fine cubes ≦ 1 mm.

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary holes

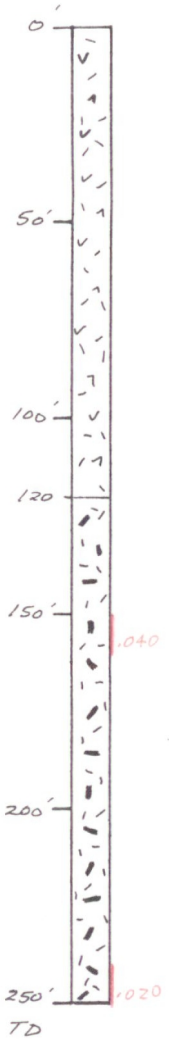
DRILL HOLE NO. 80 GLE 205

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0 - 250'

Fine - medium trachyte porphyry with K-spar phenocrysts to maximum drill fragment size, quartz phenocrysts 1-2 mm common but not abundant, decreasing downhole. Matrix fine quartz + K-spar. Light limonite + goethite staining 0-60'. Generally unstained 60-120'; pyrite as fine cubes and aggregates, < 1/4 %

120 - 250 rock with more goethite stain in groundmass

Fine latite porphyry

Fine pyrite as before

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

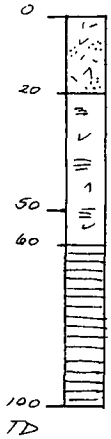
DRILL HOLE NO. 80 GLE 206

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 100', BY _____

START _____ COMPLETED _____



0'-20'

Mixture of trachyte porphyry and quartzite with moderately pervasive limonite, goethite, mud, and minor hematite

20'-60'

Mixture of trachyte porphyry and quartz-biotite/sericite schist or gneiss

Pyrite abundant, ~ 1/2 %

60'-100'

Quartz-sericite/biotite gneiss |(-compare w hole--189-)| reddish brown biotite in compact books to separated flakes. Fine cubes of pyrite 1/4-1/2 % but no one.

SUMMARY DRILL HOLE LOG **CYPRUS MINES CORPORATION**

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

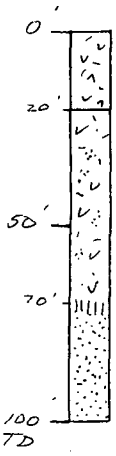
DRILL HOLE NO. 80 GLE 207

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 100', BY _____

START _____ COMPLETED _____



0-20'

Medium-fine trachyte porphyry, light yellow with goethite stain. V. little pyrite

20-70'

Mixture of above rock and dark gray, strongly silicified trachyte porphyry

Occasional limonite crusts. V. little unoxidized pyrite seen

70-100'

Mostly silicified trachyte porphyry

SUMMARY DRILL HOLE LOG — CYPRUS MINES CORPORATION

PROJECT: Gilt Edge

SCALE: 1" = 50'

Rotary hole

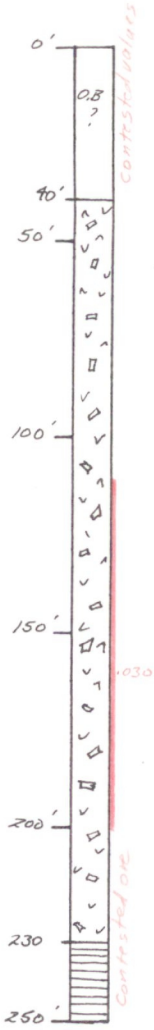
DRILL HOLE NO. 80 GLE 208

BEARING: DIP: 90°

LOCATION:

TOTAL DEPTH: 250', BY:

START: COMPLETED:



0-40'

Fine-medium trachyte porphyry, probably from dump immediately uphill

Sulfides oxidized to limonite + goethite

40-230'

Fine trachyte porphyry - K-spar + plagioclase phenocrysts in a qtz-k-spar matrix

Trace of fresh pyrite. Qtz phenocrysts rare. Mixed oxide and sulfide fragments, predominately fresh sulfide. Oxide limonite + goethite, moderately pervasive

90-130 predominately oxide, which gradually decreases to 230' but does not entirely disappear.

Minor silicification of matrix

160-180 slightly increased oxidation

230' - 250'

Quartz - sericite/biotite gneiss, <1% pyrite

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

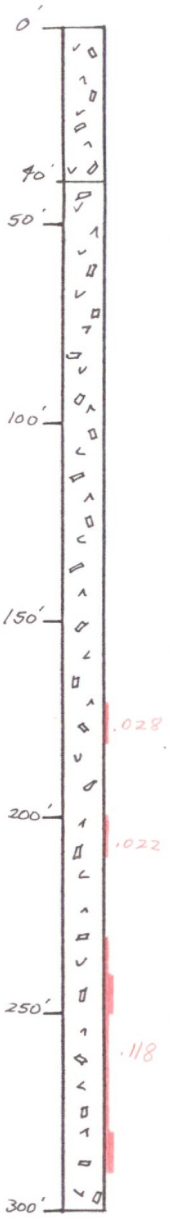
DRILL HOLE NO. 80 GLE 210

BEARING _____ DIP 90

LOCATION _____

TOTAL DEPTH 300', BY _____

START _____ COMPLETED _____



0-40'

Fine trachyte porphyry with K-spar phenocrysts to 3mm in a K-spar ± quartz matrix.

0-20 and 30-40 moderately hematite stained.

40' - 300'

Fine trachyte porphyry with K spar and minor plagioclase phenocrysts in a kspar + quartz matrix. Pyrite as fine fresh cubes and clots < 1/4%

Check modally - possibly latite ← Do not type

silica and plagioclase increasing

Grains to 1/8" of fine pyrite cube aggregates

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

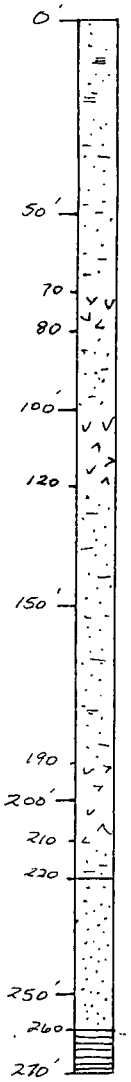
DRILL HOLE NO. 80 GLE 211

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 270', BY _____

START _____ COMPLETED _____



0 - 220'

Mixed quartz-rich massive and sericite rich massive or laminated quartz sericite schist. Thin interlayers of trachyte porphyry. Predominately oxidized 0 - 50' and 190 - 210'. Rest ~ 30% limonite + goethite stained fragments. A few trachyte fragments are scattered throughout log. Trace of pyrite.

Dirty sediments Do not type

220 - 260'

Coarsely granular quartzite with rare disseminated pyrite

260 - 270'

Quartz biotite gneiss. < 1/4% pyrite on fractures and along layering

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary holes

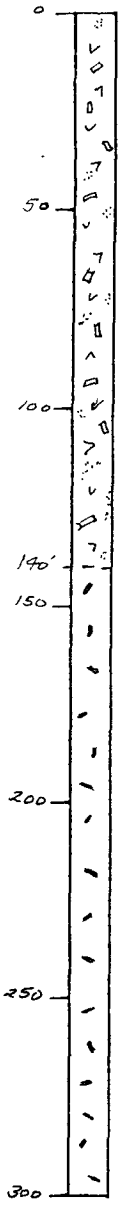
DRILL HOLE NO. 80 GLE 212

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 300', BY _____

START _____ COMPLETED _____



140'

0-140' Mixture of trachyte porphyry and quartzite, predominately quartzite

Strong limonite stain, and crusts on old fracture surfaces

No fresh pyrite

Quartzite fragments decrease in number but do not disappear

Minor sericite alteration of quartz-rich sediments

Strong oxidation above 140'

Moderate oxidation below 140'

140-300' Latite + quartz latite porphyry - quartz grains + plagioclase in a plagioclase + k-spar matrix, variably altered to sericite Possibly trachyte

Light goethite staining

Fresh pyrite very rare

Note: many of the textures present are same as those in hole 211 but without sericitic alteration

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

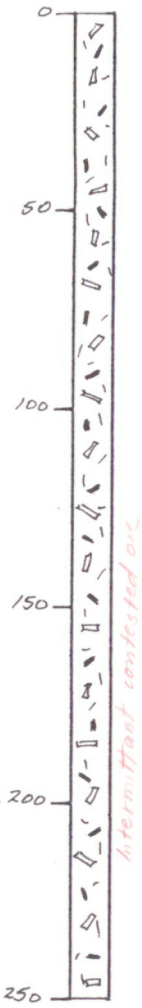
DRILL HOLE NO. 80 GLE 213

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0-250

Bimodal rhyolite porphyry - K-spar phenocrysts to maximum fragment size, rounded quartz phenocrysts to 3mm, and plagioclase phenocrysts to 2 mm in a K-spar + quartz matrix. No fresh pyrite. Light to occasionally moderate limonite stain.

Note - if there's enough plag in matrix, this could be quartz latite

Do not type

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

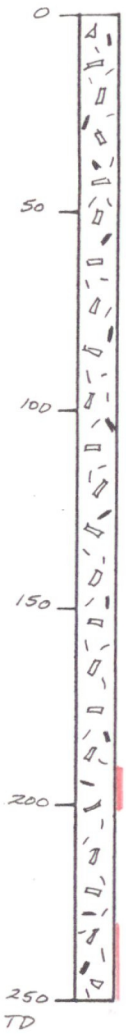
DRILL HOLE NO. 80 GLE 214

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 250', BY _____

START _____ COMPLETED _____



0-250'

Bimodal rhyolite porphyry - k-spar, quartz and small plagioclase phenocrysts in a k-spar-quartz matrix. No fresh pyrite. Lightly to moderately limonite stained May be sheared or brecciated - fragments unusually fine

Pyrite (rare) and unidentified v. fine reddish brown mineral becoming common
Minor epidote (?) around mineralization
No pyrite

Unidentified reddish brown mineral gradually disappears

220-230 v. rare fragments of limonite + k-spar

Check on pyr content - may be quartz latite

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

DRILL HOLE NO. 80 GLE 215

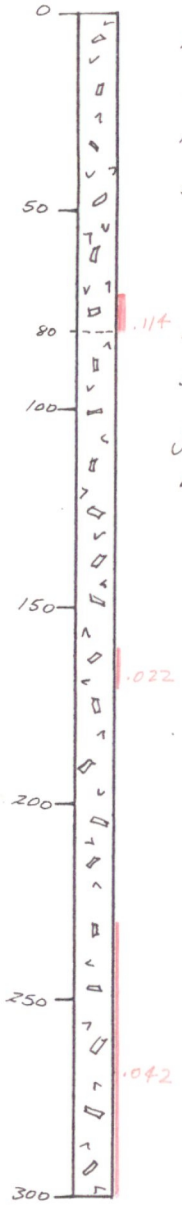
BEARING

DIP 90°

LOCATION

TOTAL DEPTH 300', BY

START COMPLETED



0-80'

Mildly silicified, medium fine trachyte porphyry, moderately leached and limonite stained to 80'. Minor hematite stain 40-70'. Plagioclase and a few k-spar phenocrysts in a fsp (unknown) matrix. Occasional fragments of quartzite and quartz-mica schist.

80-300'

Limit of oxidation

Same rock, fresh. Gray matrix, white to pink phenocrysts. Pyrite as fine grains rather than cubes, < 1/4% but common, often surrounded by white clay

SUMMARY DRILL HOLE LOG

CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

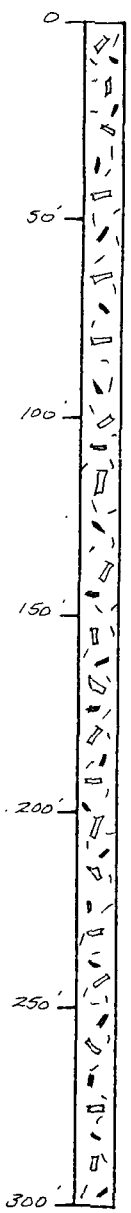
DRILL HOLE NO. 80 DDH 216

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH _____, BY _____

START _____ COMPLETED _____



0-300'

Medium-fine bimodal rhyolite porphyry. K-spar fragments to maximum chip size small plagioclase phenocrysts in a k spar (?) matrix. Elongated to occasionally square quartz phenocrysts to 2 mm.

Unoxidized to lightly oxidized, mainly due to lack of sulfides

Occ limonite fragments throughout hole, abundant 80-90'

SUMMARY DRILL HOLE LOG

CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1" = 50'

Rotary hole

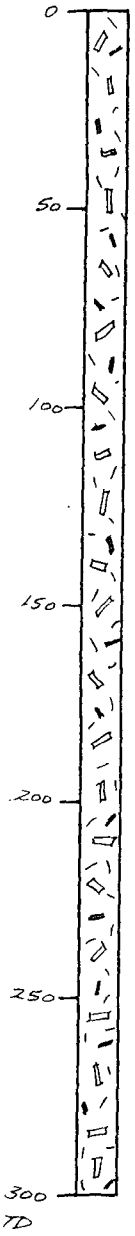
DRILL HOLE NO. 80 GLE 217

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 300', BY _____

START _____ COMPLETED _____



0-300'

(This could be latite, depending on composition of groundmass fsp)

Bimodal rhyolite porphyry - large k spar, small plagioclase and 1-2 mm quartz phenocrysts in a qtz-fsp matrix. Fresh pyrite rare. Lightly limonite/goethite 0-80'. Finer 80-300' - fractured?

220-240 abundant limonite + hematite stained fragments

SUMMARY DRILL HOLE LOG CYPRUS MINES CORPORATION

PROJECT Gilt Edge

SCALE: 1"= 50'

Rotary hole

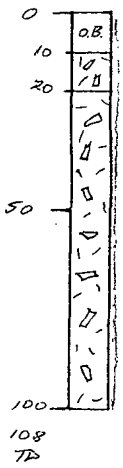
DRILL HOLE NO. 80 GE 218

BEARING _____ DIP 90°

LOCATION _____

TOTAL DEPTH 108' BY _____

START _____ COMPLETED _____



0-10' overburden of local rock types

10-20 Sulfide-rich rhyolite dike

20'-108'

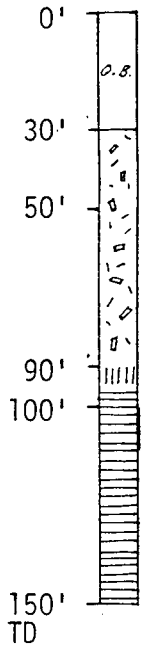
Medium rhyolite porphyry with k-spar and quartz phenocrysts in a k-spar (from hand specimen identification) matrix. Extremely iron stained, with limonite, hematite, goethite and jarosite (top 10' only)

FeOx diminishes somewhat below 60'

No fresh pyrite

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-189



0-30' Dump and tailings pond fragments. Generally iron-stained.

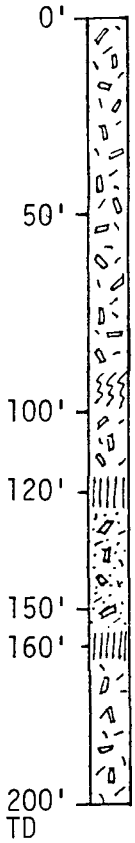
30-90' Fine rhyolite porphyry, possibly quartz latite porphyry. Angular quartz grains to 1 mm. Very fine, well-formed pyrite cubes <1/4%, occasionally chalcosite coating. Unoxidized. Plagioclase phenocrysts to 2 mm lightly clay-altered. Occasional fragments of K-feldspar maximum drill fragment size. Matrix very fine quartz and unidentified feldspar.

90-150' Quartz-biotite gneiss. Quartz very abundant. Finely bonded. Microscopic pyrite grains in quartz (+ feldspar) fragments.

Fragments of fine rhyolite porphyry begin to appear.

GILT EDGE PROJECT
Lawrence County, South Dakota

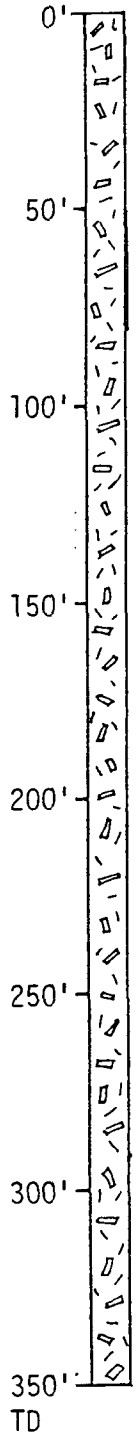
RHD 80-GLE-191



0-120'	Fine - medium rhyolite porphyry (possibly quartz latite). Plagioclase 1 - 2 mm and rounded quartz grains 1 mm in a matrix of slightly clay altered K-feldspar. Occasional large K-feldspar fragment.
0-60'	Mostly oxide, 60 - 200' mostly sulfide
	Clay alteration of matrix diminishing.
90-100'	Shear zone (?) Fragments fine, abundant sericite.
120-160'	Same rock with abundant secondary silica. Fine pyrite and very fine dark gray metallic mineral common. Plagioclase phenocrysts still visible. Occasional epidote seen.
160-200'	Silicification gradually decreases.
	Fine rhyolite porphyry as before, minor silicification. Pyrite $<1/4\%$, cubes to 2 mm.
	Unidentified gray mineral also present.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-192



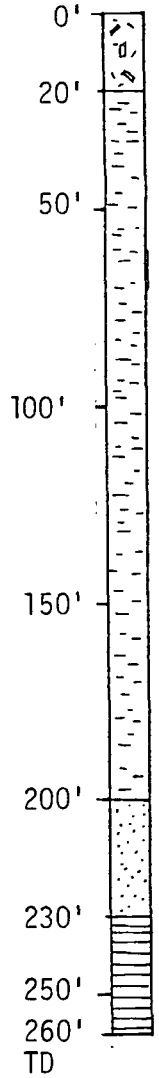
0-350' Fine - medium rhyolite porphyry, possible quartz latite. Fine (~2 mm) mild - moderately clay altered plagioclase phenocrysts occur in a quartz-feldspar (K-feldspar ?) matrix with subangular - subrounded quartz phenocrysts to 1 mm. Occasionally very large (maximum drill fragment size)

Rare fine flow bonding seen 0 - 10'.

Sulfides generally oxidized 0 - 170', light hematite staining with geothite 20 - 110', otherwise goethite. Generally sulfide 170 - 350' with occasional chalcosite coating. Limonite on old fracture surfaces.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-194



0-20' Fine rhyolite porphyry, iron stained. Trace of pyrite. Occasional fragments of quartz-biotite schist.

20-200' Silicified quartz biotite schist. Quartz in very fine, abundant stringers and blebs with fine disseminated fresh pyrite.

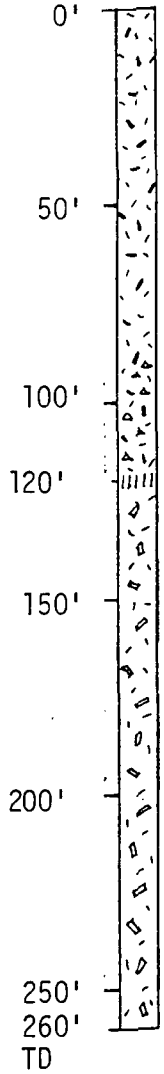
Quartz decreasing downhole.

200-230' Light gray quartz vein with pyrite aggregates to 1/8".

230-260' Quartz-biotite schist/gneiss with very fine pyrite in quartz (and feldspar?) layers.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-195



0-120' Fine latite porphyry, possible trachyte. 1-2 mm plagioclase phenocrysts in a K-feldspar(?) matrix. No quartz phenocrysts seen. Large K-feldspar pieces rare. Pyrite as fine cubes and aggregates ~1/4% of rock, oxidizes to limonite and goethite stain 0-30', generally fresh below 30'.

Silicification and pyrite increase.

70-80' Minor fluorite.

80-120' Fragments finer, rock lightly goethite coated, occasional fine fluorite and moly disseminated. Fracture zone?

110-120' Molybdenite(?) and fluorite in rare fragments, moly occasionally in fine veinlets.

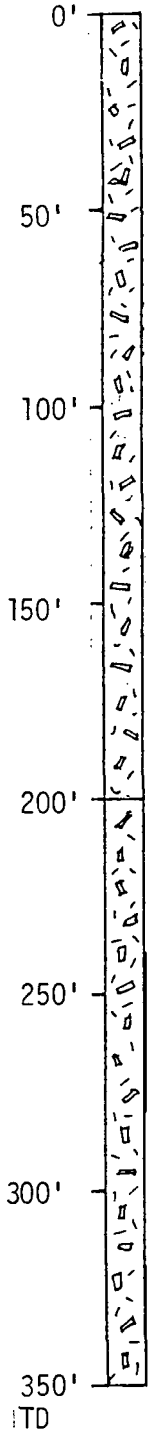
120-260' Fine rhyolite porphyry with plagioclase and rare K-feldspar phenocrysts in a K-feldspar and quartz matrix.

Quartz phenocrysts and K-feldspar phenocrysts increase moderately downhole.

Pyrite 1/4-1/2%, gen. sulfide, occasionally surrounded by limonite, rock occasionally has minor geothite stain.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-196



0-200' Medium - fine rhyolite porphyry. White K-feldspar matrix with K-feldspar phenocrysts to maximum fragment size. Occasional fine plagioclase phenocrysts. Rounded quartz grains to 2 mm. Abundant fine sprinkles of hematite, gen with minor geothite and rare limonite, becoming more pervasive downhole to 100'. Goethite more common 100-160', hematite 160-180', goethite and hematite 180-200'.

Occasional fragments of finely laminated very grainy quartz with limonite.

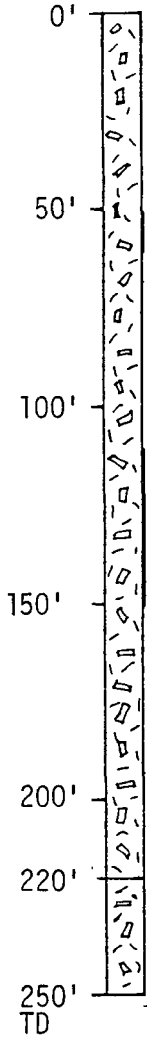
170-180' Probably breccia zone, entire 0-200' possibly breccia zone.

Limit of oxidation 200 feet.

200-350' Fine rhyolite porphyry with plagioclase phenocrysts ~2 mm, occasional subrounded quartz grains 1-2 mm, quartz and K-feldspar matrix. Pyrite ~1/4%, varies slightly, in fine disseminated cubes. Mild secondary silicification of groundmass. K-feldspar phenocrysts rare.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-198



0-220' Fine - medium rhyolite porphyry of quartz plus K-feldspar matrix, plagioclase phenocrysts, occasional very fine pyrite and abundant hematite and geothite. Probable breccia zone. Quartz phenocrysts 1-2 mm, occasionally embayed or partially dissolved.

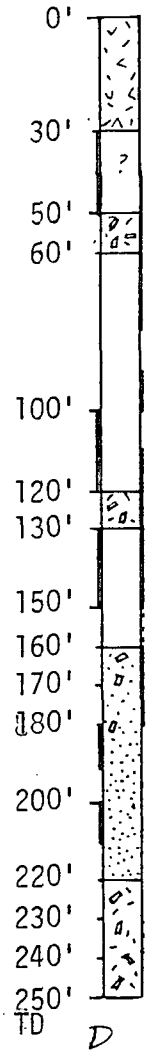
K-feldspar phenocrysts rare.

220' Limit of oxidation.

220-250' Fine, grainy, siliceous rhyolite porphyry with ~1/4% disseminated feldspar. Possibly quartz latite - little K-feldspar identified.

GILT EDGE PROJECT
Lawrence County, South Dakota

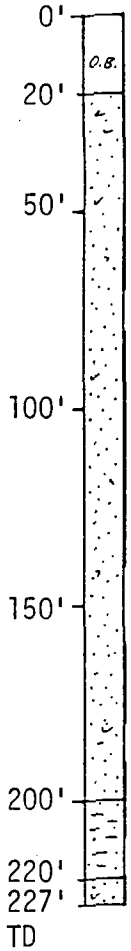
RHD 80-GLE-199



0-30'	Fine - medium trachyte porphyry, probably partially dump rock from Rattlesnake workings. Fine disseminated pyrite.
20-30'	Dirty, clay-rich. Limit of oxidation.
30-50'	Fine magnetite rich rock with fragments of quartz biotite schist.
50-60'	Fine rhyolite porphyry with $\gtrsim$1/2% pyrite as 1-2mm cubes and clots.
60-70'	Very siliceous quartz biotite schist (Precambrian?) with separate fragments of quartz, grainy and occasional finely laminated, and fine - medium biotite schist. Pyrite abundant as fine cubes. Rock looks dirty, like graywacke, in occasional fragments. Contains magnetite-rich zones.
120-130'	Fine rhyolite or trachyte porphyry with fine pyrite.
130-160'	Siliceous, magnetite rich quartz biotite schist continued.
160-220'	Fine trachyte or rhyolite porphyry with abundant secondary silica.
170-180'	Possible shear zone. Silica-magnetite-pyrite rock, probably "quartz ledge".
220-250'	Fine rhyolite porphyry with pyrite in fine cubes. Moderate secondary silicification at top.
230-240'	Possible shear zone.

GILT EDGE PROJECT
Lawrence County, South Dakota

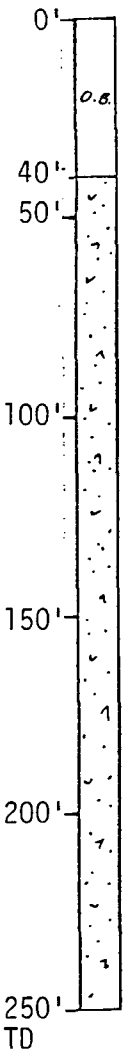
RHD 80-GLE-200



0-20'	Overburden - rhyolite and trachyte porphyry from Rattlesnake dump.
20'	Limit of oxidation.
20-200'	Strong silicified fine trachyte(?) porphyry with abundant fine pyrite (≧1%). Quartz ledge, minor trachyte texturex commonly visible. Silicification increases downhole but is not as intense as that seen underground.
	Zones of up to 2% pyrite.
200-220'	Strongly silicified quartz biotite schist.
220-227'	Strongly silicified fine trachyte with pyrite as before.

GILT EDGE PROJECT
Lawrence County, South Dakota

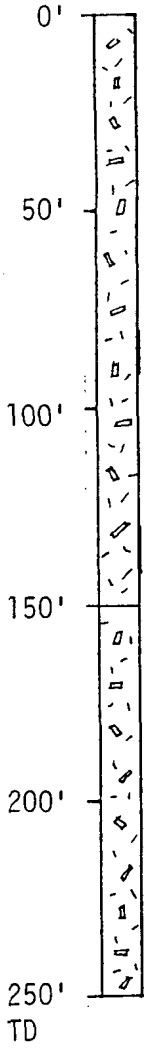
RHD 80-GLE-201



0-40'	Fine - medium rhyolite porphyry from Rattlesnake dump. Limonite, geothite and minor hematite.
0-30'	Poor recovery. Pyrite → limonite and goethite
40-250'	Silicified trachyte (rhyolite?) porphyry with occasional fragments of quartzite. Fine disseminated pyrite ~1/2%. Quartz occasionally finely laminated. Zoned K-feldspar to 3 mm, plagioclase rare.
80-90'	Possible breccia zone. Occasional fragments pyrite rich, rare fragments limonite stained.
90-100'	Breccia zone. Limonite stained and crusted fragments are found with fresh trachute.
	Rock lightly goethite stained. Occasional fragments of fine pyrite.
140-150'	Minor green and purple fluorite.
	Mixture of fresh trachyte (rhyolite?), silicified trachyte, and intermediate type incipient alteration of pyrite to limonite. Silicification and pyrite increasing. Sulfides partially oxidized. Occasional chalcosite coating of sulfides.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-202



0-250' Medium - fine rhyolite porphyry, brecciated. Hematite and limonite-stained to 60', geothite and possible jarosite staining 60-80', hematite and limonite stained 80-120', primarily limonite stained 120-150' with stain decreasing downhole. K-feldspar and quartz phenocrysts less common downhole.

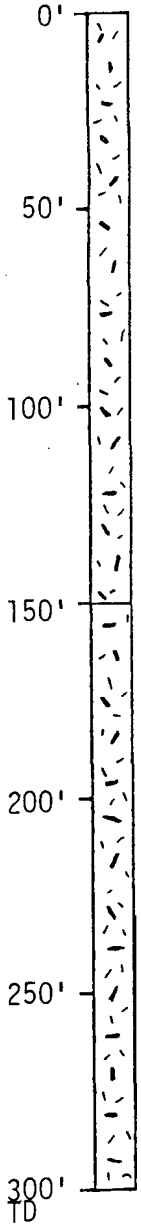
Plagioclase increases, but not to ≥1/3 of rock.

Generally sulfides oxidized.

Sulfides generally fresh, minor goethite and limonite staining.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-203

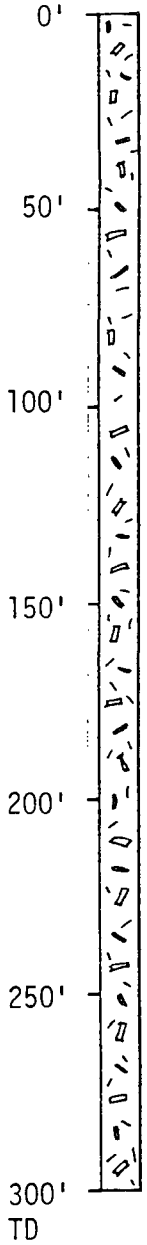


0-300' Fine quartz latite porphyry. Quartz and K-feldspar phenocrysts in a quartz, K-feldspar and plagioclase matrix. Mixture of fresh and limonite stained pieces to 150', less stained downhole. Generally fresh 150-300'. Minor hematite staining 0-10'. Pyrite as fine fresh cubes and clots <1/4%. Chalcosite coating and specks common.

Sulfides generally fresh.

GILT EDGE PROJECT
Lawrence County, South Dakota

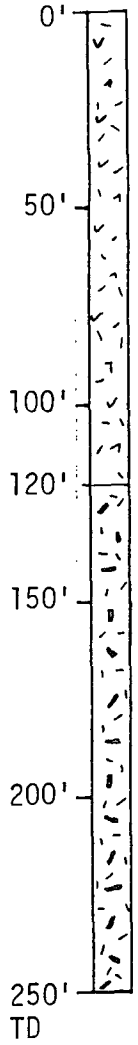
RHD 80-GLE-204



0-300' "Bimodal rhyolite" K-feldspar and quartz phenocrysts in a quartz-K-feldspar-plagioclase matrix. Plagioclase phenocrysts so common in hand specimen are more rare in cuttings, possibly serving as zones of breakage in drilling. More plagioclase than previously realized. Lightly stained with hematite and limonite 0-60', generally fresh 60-300'. <1/4% pyrite, fine cubes ≦1 mm.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-205

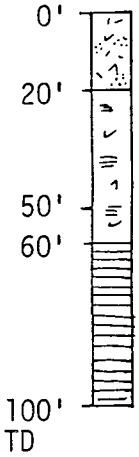


0-250' Fine - medium trachyte porphyry with K-feldspar phenocrysts to maximum drill fragment size, quartz phenocrysts 1-2 mm common but not abundant, decreasing downhole. Matrix fine quartz plus K-feldspar. Light limonite and goethite staining 0-60'. Generally unstained 60-120', pyrite as fine cubes and aggregates, <1/4%.

120-250' Rock with more goethite stain in groundmass.
Fine latite porphyry.
Fine pyrite as before.

GILT EDGE PROJECT
Lawrence County, South Dakota

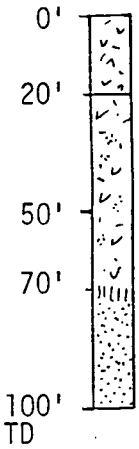
RHD 80-GLE-206



0-20'	Mixture of trachyte porphyry and quartzite with moderately pervasive limonite, goethite, mud, and minor hematite.
20-60'	Mixture of trachyte porphyry and quartz - biotite/sericite schist or gneiss. Pyrite abundant, ~1/2%.
60-100'	Quartz-sericite/biotite gneiss reddish brown biotite in compact books to separated flakes. Fine cubes of pyrite 1/4 - 1/2% but no ore.

GILT EDGE PROJECT
Lawrence County, South Dakota

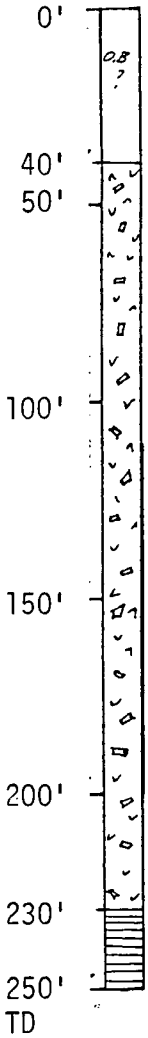
RHD 80-GLE-207



0-20'	Medium - fine trachyte porphyry, light yellow with geothite stain. ↙little pyrite.
20-70'	Mixture of above rock and dark grays strongly silicified trachyte porphyry. Occasional limonite crusts. Very little unoxidized pyrite seen.
70-100'	Mostly silicified trachyte porphyry.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-208



0-40' Fine - medium trachute porphyry, probably from dump immediately uphill. Sulfides oxidized to limonite and goethite.

40-230' Fine trachyte porphyry - K-feldspar and plagioclase phenocrysts in a quartz-K-feldspar matrix. Trace of fresh pyrite. Quartz phenocrysts rate. Mixed oxide and sulfide fragments, predominately fresh sulfide. Oxide limonite and goethite, moderately pervasive.

90-130' Predominately oxide, which gradually decreases to 230' but does not entirely disappear.

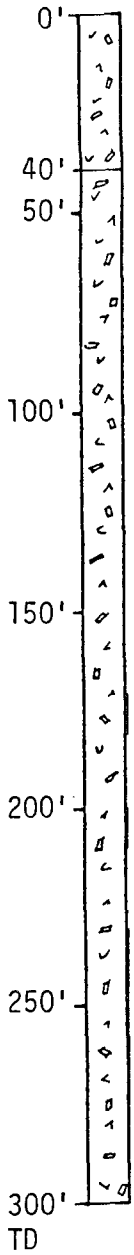
Minor silicification of matrix.

160-180' Slightly increased oxidation.

230-250' Quartz-sericite/biotite gneiss, <1/4% pyrite.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-210



0-40' Fine trachyte porphyry with K-feldspar phenocrysts to 3 mm in a K-feldspar ± quartz matrix.

0-20') 0-30') Moderately hematite stained.

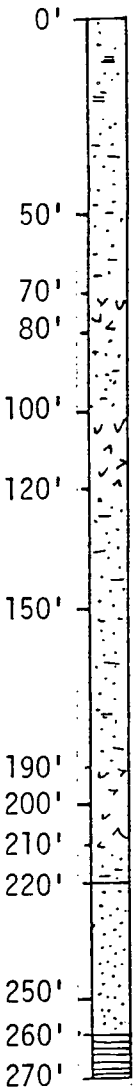
40-300' Fine trachyte porphyry with K-feldspar and minor plagioclase phenocrysts in a K-feldspar + quartz matris. Pyrite as fine fresh cubes and clots <1/4%.

Silica and plagioclase increasing.

Grains to 1/8" of fine pyrite cube aggregates.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-211



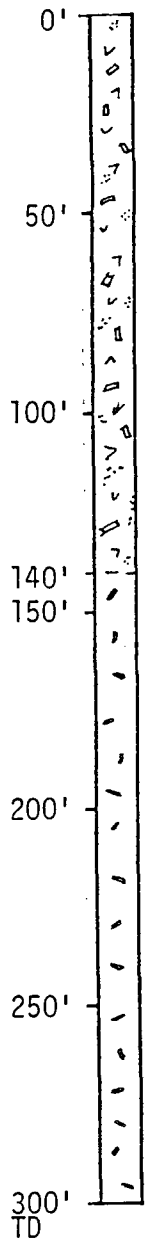
0-220' Mixed quartz-rich massive and sericite rich massive or laminated quartz sericite schist. Thin interlayers of trachyte porphyry. Predominately oxidized 0-50' and 190-210'. Rest 30% limonite and goethite stained fragments. A few trachute fragments are scattered throughout log. Trace of pyrite.

220-260' Coarsely granular quartzite with rare disseminated pyrite.

260-270' Quartz biotite gneiss. <1/4% pyrite on fractures and along layering.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-212



0-140' Mixture of trachyte porphyry and quartzite, predominately quartzite. Strong limonite stain, and crusts on old fracture surfaces. No fresh pyrite.

Quartzite fragments decrease in number but do not disappear.

Minor sericite alteration of quartz-rich sediments.

Strong oxidation above 140'.
Moderate oxidation below 140'.

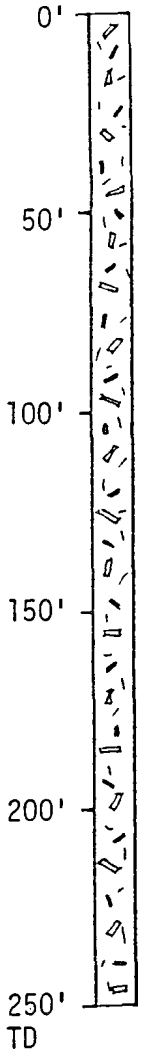
140-300' Latite and quartz latite porphyry - quartz grains and plagioclase in a plagioclase plus K-feldspar matrix, variably altered to sericite. Possibly trachyte.

Light goethite staining.

Fresh pyrite very rare.

GILT EDGE PROJECT
Lawrence County, South Dakota

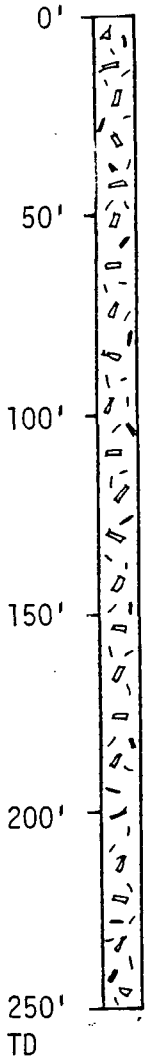
RHD 80-GLE-213



0-250' Bimodal rhyolite porphyry - K-feldspar phenocrysts to maximum fragment size, rounded quartz phenocrysts to 3 mm, and plagioclase phenocrysts to 2 mm in a K-feldspar plus quartz matrix. No fresh pyrite. Light to occasionally moderate limonite.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-214



0-250' Bimodal rhyolite porphyry - K-feldspar, quartz and small plagioclase phenocrysts in a K-feldspar - quartz matrix. No fresh pyrite. Lightly to moderately limonite stained. May be sheared or brecciated - fragments usually fine.

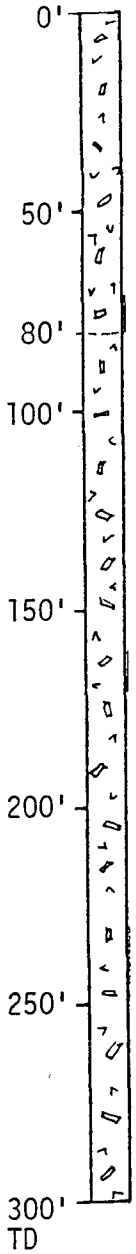
Pyrite (rare) and unidentified very fine reddish brown mineral becoming common. Minor epidote (?) around mineralization.
No pyrite.

Unidentified reddish brown mineral gradually disappears.

220-230' Very rare fragments of limonite and K-feldspar.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-215

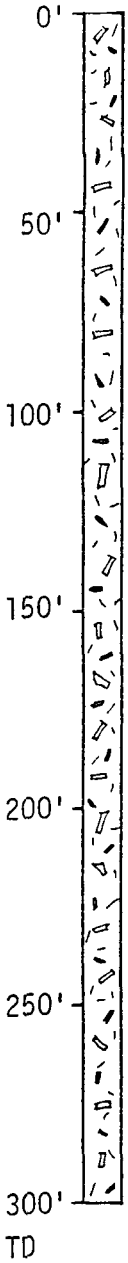


0-80' Mildly silicified medium fine trachyte porphyry, moderately leached and limonite stained to 80'. Minor hematite stain 40-70'. Plagioclase and a few K-feldspar phenocrysts in a feldspar (unknown) matrix. Occasional fragments of quartzite and quartz-mica schist.

80-300' Limit of oxidation.
Same rock, fresh. Gray matrix, white to pink phenocrysts. Pyrite as fine grains rather than cubes, <1/4% but common, often surrounded by white clay.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-216

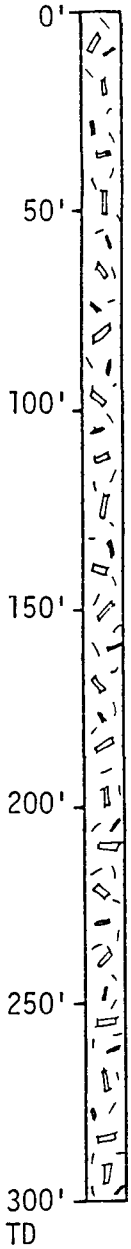


0-300' Medium - fine bimodal rhyolite porphyry. K-feldspar fragments to maximum chip size small plagioclase phenocrysts in a K-feldspar (?) matrix. Elongated to occasionally square quartz phenocrysts to 2 mm.

Unoxidized to lightly oxidized, mainly due to lack of sulfides. Occasional limonite fragments throughout hole, abundant 80-90'.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-217

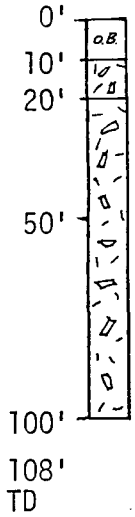


0-300' Bimodal rhyolite porphyry - large K-feldspar, small plagioclase and 1-2 mm quartz phenocrysts in a quartz-feldspar matrix. Fresh pyrite rare. Lightly limonite/goethite 0-80'. Finer 80-300' - fractured? (This could be latite, depending on composition of groundmass feldspar.)

220-240' Abundant limonite and hematite stained fragments.

GILT EDGE PROJECT
Lawrence County, South Dakota

RHD 80-GLE-218



0-10'	Overburden of local rock types.
10-20'	Sulfide-rich rhyolite dike.
20-108'	Medium rhyolite porphyry with K-feldspar and quartz phenocrysts in a K-feldspar (from hand specimen identification) matrix. Extremely iron stained, with limonite, hematite, goethite and jarosite (top 10' only). FeOx diminishes somewhat below 60'. No fresh pyrite.

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-189

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-634	0-10	10	.020	.012	.1	.07
635	10-20	10	.010	.008	.1	.11
636	20-30	10	.010	.004	none	<.02
637	30-40	10	.010	.008	none	<.02
638	40-50	10	.020	.004	none	.04
639	50-60	10	.010	.004	none	<.02
640	60-70	10	.020	.002	.2	.04
641	70-80	10	trace	.004	none	<.02
642	80-90	10	.020	.012	none	<.02
643	90-100	10	.010	.012	none	.11
644	100-110	10	.060	.082	none	<.02
645	110-120	10	.020	.010	none	<.02
646	120-130	10	.010	.006	none	<.02
647	130-140	10	.010	.010	none	<.02
648	140-150	10	.010	.024	none	.08

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-191

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-436	0-10	10	.010	.012	.1	.19
437	10-20	10	trace	.002	none	.14
438	20-30	10	.020	.046	none	.13
439	30-40	10	.060	.058	none	.12
440	40-50	10	trace	.004	.1	.14
441	50-60	10	trace	.002	none	.20
442	60-70	10	trace	.002	none	.02
443	70-80	10	.010	.006	none	<.02
444	80-90	10	.030	.040	none	<.02
445	90-100	10	.005	.010	none	<.02
446	100-110	10	.010	.012	none	.09
447	110-120	10	.010	.016	.1	.18
448	120-130	10	.010	.014	none	<.02
449	130-140	10	.010	.008	none	.11
450	140-150	10	.010	.008	none	.09
451	150-160	10	.010	.010	none	<.02
452	160-170	10	.010	.006	none	<.02
453	170-180	10	.010	.010	none	.03
454	180-190	10	.020	.016	.1	.22
455	190-200	10	.020	.050	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-192

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-401	0-10	10	.005	.004	.2	.18
402	10-20	10	.010	.010	none	.23
403	20-30	10	trace	.002	.2	.38
404	30-40	10	.010	.018	none	.28
405	40-50	10	trace	<.002	.2	.08
406	50-60	10	.020	.020	.2	.22
407	60-70	10	.040	.026	.3	.25
408	70-80	10	.040	.032	.3	.40
409	80-90	10	.010	.016	.4	.68
410	90-100	10	.010	.006	.2	.37
411	100-110	10	.010	.012	.6	.41
412	110-120	10	.010	.014	.5	.62
413	120-130	10	.010	.006	.3	.41
414	130-140	10	.010	.002	.3	.34
415	140-150	10	.005	.004	.1	.28
416	150-160	10	.005	.008	.5	.39
417	160-170	10	.005	.012	.4	.45
418	170-180	10	none	<.002	none	.12
419	180-190	10	none	.002	none	.16
420	190-200	10	none	.002	none	.20
421	200-210	10	.010	.002	.2	.26
422	210-220	10	.010	.004	none	.12
423	220-230	10	.020	.014	.2	.39
424	230-240	10	.010	.012	none	.27
425	240-250	10	.020	.016	.1	.30
426	250-260	10	.020	.010	.1	.11
427	260-270	10	trace	.002	.1	.10
428	270-280	10	none	<.002	none	.12
429	280-290	10	none	<.002	none	.37
430	290-300	10	trace	.012	.1	.49
431	300-310	10	none	.002	none	.10
432	310-320	10	none	.002	none	.18
433	320-330	10	.010	.006	.2	.33
434	330-340	10	.010	.004	.2	.34
435	340-350	10	trace	<.002	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-193

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-649	0-10	10	.010	.010	none	.05
650	10-20	10	.010	.006	none	<.02
651	20-30	10	.010	.004	none	<.02
652	30-40	10	.010	.004	none	<.02
653	40-50	10	.010	.008	none	.05
654	50-60	10	.010	.004	.3	<.02
655	60-70	10	.010	.002	.1	.24
656	70-80	10	.010	.004	.1	<.02
657	80-90	10	trace	.028	.2	<.02
658	90-100	10	.010	.002	.2	.12
659	100-110	10	.010	.002	.3	<.02
660	110-120	10	.010	.008	.1	.03
661	120-130	10	trace	.002	.2	.06
662	130-140	10	.020	.012	.4	<.02
663	140-150	10	.010	.004	.2	.16
664	150-160	10	.010	.002	.2	.02
665	160-170	10	.010	.002	.3	<.02
666	170-180	10	.010	.006	.2	<.01
667	180-190	10	.010	.004	.6	<.01
668	190-200	10	.010	.004	.2	<.01

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-194

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-246	0-10	10	.010	.010	.1	.21
247	10-20	10	.015	.020	none	.22
248	20-30	10	.010	.040	none	.23
249	30-40	10	.015	.020	none	<.02
250	40-50	10	.010	.012	none	<.02
251	50-60	10	.010	.012	none	<.02
252	60-70	10	.070	.056	none	<.02
253	70-80	10	.010	.024	none	<.02
254	80-90	10	.110	.020	none	<.02
255	90-100	10	.010	.004	.1	.11
256	100-110	10	.010	.006	.2	<.02
257	110-120	10	.020	.012	none	<.02
258	120-130	10	.010	.002	none	.25
259	130-140	10	.010	.004	none	.26
260	140-150	10	.010	.004	none	<.02
261	150-160	10	.010	.004	.1	<.02
262	160-170	10	.010	.012	none	<.02
263	170-180	10	.010	.010	none	<.02
264	180-190	10	.010	.008	none	<.02
265	190-200	10	.010	.014	none	.35
266	200-210	10	.010	.008	none	.25
629	210-220	10	.010	.008	none	<.02
630	220-230	10	.010	.008	none	.05
631	230-240	10	.010	.008	none	.09
632	240-250	10	.010	.008	none	<.02
633	250-260	10	.020	.008	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-195

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-267	0-10	10	.015	.018	.1	.06
268	10-20	10	.010	.018	none	.29
269	20-30	10	.010	.006	.1	.27
270	30-40	10	.010	.008	none	.13
271	40-50	10	.010	.006	none	.13
272	50-60	10	.070	.0	none	.02
273	60-70	10	.040	.016	none	.06
274	70-80	10	.010	.014	none	.21
275	80-90	10	.030	.018	.2	.12
276	90-100	10	.040	.012	none	<.02
277	100-110	10	.010	.010	none	.23
278	110-120	10	trace	.004	none	.28
279	120-130	10	.010	.006	none	.29
280	130-140	10	.020	.010	none	.19
281	140-150	10	.080	.022	none	<.02
282	150-160	10	.015	.038	none	<.02
283	160-170	10	.010	.006	none	.25
284	170-180	10	.010	.020	.2	.40
285	180-190	10	.010	.008	none	.24
622	190-200	10	.010	.066	none	.09
623	200-210	10	.010	.016	none	<.02
624	210-220	10	.020	.012	none	<.02
625	220-230	10	.010	.014	none	.03
626	230-240	10	.010	.012	.1	<.02
627	240-250	10	.010	.040	none	<.02
628	250-260	10	.010	.006	none	.05

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-196

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-366	0-10	10	.010	.004	none	.24
367	10-20	10	none	.002	none	.02
368	20-30	10	trace	<.002	none	.12
369	30-40	10	.010	.004	none	.02
370	40-50	10	.010	.006	none	.01
371	50-60	10	.010	.010	none	.05
372	60-70	10	trace	.004	none	<.02
373	70-80	10	none	.006	none	.05
374	80-90	10	trace	.004	none	.16
375	90-100	10	.010	.014	none	.19
376	100-110	10	.010	.014	none	<.02
377	110-120	10	.010	.016	none	.19
378	120-130	10	.010	.012	none	.19
379	130-140	10	.010	.008	none	.19
380	140-150	10	.010	.010	none	.19
381	150-160	10	trace	.004	none	<.02
382	160-170	10	trace	.004	none	.20
383	170-180	10	none	.014	.2	.17
384	180-190	10	.005	.010	none	.19
385	190-200	10	.005	.018	none	.24
386	200-210	10	.005	.008	none	<.02
387	210-220	10	.005	.006	none	.03
388	220-230	10	trace	.006	none	<.02
389	230-240	10	.010	.014	none	<.02
390	240-250	10	.010	.022	none	<.02
391	250-260	10	.005	.008	none	<.02
392	260-270	10	.005	.006	none	<.02
393	270-280	10	.005	.010	none	<.02
394	280-290	10	.010	.004	none	<.02
395	290-300	10	.010	.010	none	<.02
396	300-310	10	.010	.008	none	.09
397	310-320	10	.005	.004	none	<.02
398	320-330	10	trace	.006	none	<.02
399	330-340	10	.010	.006	none	.11
400	340-350	10	.005	.006	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-198

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-341	0-10	10	.010	.004	none	.34
342	10-20	10	.010	.004	none	.22
343	20-30	10	.010	.006	none	.05
344	30-40	10	.010	.006	none	.01
345	40-50	10	.005	.004	none	.10
346	50-60	10	.020	.006	none	.09
347	60-70	10	.010	.008	none	.23
348	70-80	10	.010	.016	none	.14
349	80-90	10	.010	.012	none	.31
350	90-100	10	.010	.012	none	.23
351	100-110	10	.010	.018	none	.26
352	110-120	10	.010	.028	.1	.25
353	120-130	10	.010	.012	none	.03
354	130-140	10	.010	.016	none	.26
355	140-150	10	.010	.008	none	.09
356	150-160	10	.010	.008	none	.15
357	160-170	10	.010	.008	none	.05
358	170-180	10	.010	.010	none	.11
359	180-190	10	.010	.012	none	.15
360	190-200	10	trace	.004	none	.02
361	200-210	10	trace	.002	none	.22
362	210-220	10	.010	<.002	none	.12
363	220-230	10	.010	.004	none	.24
364	230-240	10	.010	.004	none	<.02
365	240-250	10	.010	.008	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-199

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-221	0-10	10	.010	.008	none	.19
222	10-20	10	.015	.010	none	.11
223	20-30	10	.010	.022	.3	.30
224	30-40	10	.010	.016	.1	<.02
225	40-50	10	.015	.030	.1	<.02
226	50-60	10	.040	.050	.5	.65
227	60-70	10	.030	.038	none	.12
228	70-80	10	.040	.010	none	<.02
229	80-90	10	.010	.010	none	<.02
230	90-100	10	.030	.036	none	<.02
231	100-110	10	.010	.008	none	.11
232	110-120	10	.020	.028	none	<.02
233	120-130	10	.025	.040	.4	.68
234	130-140	10	.025	.042	.2	.42
235	140-150	10	.010	.040	none	.26
236	150-160	10	.015	.018	none	.38
237	160-170	10	.030	.018	none	.22
238	170-180	10	.025	.016	none	.28
239	180-190	10	.010	.024	none	.34
240	190-200	10	.010	.018	none	.20
241	200-210	10	.015	.014	none	.34
242	210-220	10	.010	.028	none	<.01
243	220-230	10	.010	.022	none	.30
244	230-240	10	.010	.026	none	.25
245	240-250	10	.010	.014	none	.17

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-200

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-111	0-10	10	.045	.042	none	<.02
112	10-20	10	.040	.016	none	<.01
113	20-30	10	.040	.026	none	<.01
114	30-40	10	.040	.026	none	.11
115	40-50	10	.030	.026	none	<.01
116	50-60	10	.030	.022	none	<.01
117	60-70	10	.025	.014	none	<.01
118	70-80	10	.010	.018	none	<.01
119	80-90	10	.035	.026	none	.23
120	90-100	10	.030	.026	none	.19
121	100-110	10	.050	.052	none	.25
122	110-120	10	.055	.054	none	.15
123	120-130	10	.060	.046	.2	<.02
124	130-140	10	.030	.022	none	.20
125	140-150	10	.010	.016	none	.16
126	150-160	10	.010	.012	none	<.01
127	160-170	10	.030	.026	none	<.01
128	170-180	10	.025	.032	none	<.01
129	180-190	10	trace	.006	none	<.01
130	190-200	10		.048		<.01
131	200-210	10	.035	.030	none	<.01
132	210-220	10	.010	.010	none	<.01
133	220-227	7	.020	.026	none	.21

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-201

Sample No.	Interval	Ft.		Au Oz/ton Union		Au Oz/ton Hunter		Ag Oz/ton Union	Ag Oz/ton Hunter
	0-10	10		No Sample					
80-GLE-87	10-20	10		No Sample					
88	20-30	10		.030		.036		none	<.01
89	30-40	10		.010		.012		none	<.01
90	40-50	10		.010		.014		none	<.01
91	50-60	10		.010		.012		none	<.01
92	60-70	10	60'	.030	.034	.038		none	<.01
93	70-80	10		.020	.022	.024		none	<.01
94	80-90	10	.079	.140	.166	.192	.178	.1	.01
95	90-100	10		.140	.130	.120		.5	<.01
96	100-110	10		.040	.044	.048		none	<.01
97	110-120	10		.010		.010		none	<.01
98	120-130	10		.010		.018		none	<.01
99	130-140	10		.010		.006		none	<.01
100	140-150	10		.010		.006		none	<.01
101	150-160	10		.010		.004		none	<.01
102	160-170	10		.250	.184	.118		.2	<.01
103	170-180	10		.070	.066	.062		none	<.01
104	180-190	10		.060	.049	.038	.092	.1	<.01
105	190-200	10	.080	.080	.067	.054		.3	<.01
106	200-210	10		.050	.046	.042		none	<.01
107	210-220	10		.040	.031	.022		none	<.01
108	220-230	10		.030		.016		none	<.01
109	230-240	10		.020		.010		none	<.01
110	240-250	10		.020		.018		none	<.01

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-202

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-486	0-10	10	trace	.004	none	.02
487	10-20	10	trace	.002	.1	<.02
488	20-30	10	trace	.002	.1	<.02
489	30-40	10	.010	.014	none	.03
490	40-50	10	trace	.010	none	.09
491	50-60	10	.010	.006	.1	.17
492	60-70	10	trace	.006	.1	.07
493	70-80	10	trace	.004	.1	.12
494	80-90	10	.020	.038	.1	<.02
495	90-100	10	trace	.006	.1	.09
496	100-110	10	trace	.004	none	.12
497	110-120	10	trace	.002	none	<.02
498	120-130	10	.010	.006	.2	.25
499	130-140	10	.025	.014	none	.09
500	140-150	10	.010	.010	.2	.07
501	150-160	10	.010	.002	none	.04
502	160-170	10	trace	.006	.1	.04
503	170-180	10	trace	.002	none	.16
504	180-190	10	trace	.004	none	.20
505	190-200	10	.010	.006	.1	.03
506	200-210	10	.010	.008	none	.15
507	210-220	10	.020	.020	.4	.19
508	220-230	10	.010	.008	none	.09
509	230-240	10	.020	.002	.2	<.02
510	240-250	10	trace	.002	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-203

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-511	0-10	10	.020	.010	.1	.09
512	10-20	10	trace	.002	none	.08
513	20-30	10	.010	.016	.2	.12
514	30-40	10	.005	.004	none	.04
515	40-50	10	.010	.006	.2	.13
516	50-60	10	.020	.010	none	<.02
517	60-70	10	none	.006	none	.19
518	70-80	10	.020	.010	none	<.02
519	80-90	10	.015	.008	none	.13
520	90-100	10	.005	.006	none	.03
521	100-110	10	.005	.008	none	<.02
522	110-120	10	.005	.004	.1	.11
523	120-130	10	.005	.004	.2	.22
524	130-140	10	.010	.004	none	.12
525	140-150	10	.010	.008	.1	.25
526	150-160	10	.010	.006	.1	<.02
527	160-170	10	.010	.006	.1	<.02
528	170-180	10	.010	.006	none	.17
529	180-190	10	.010	.006	.2	.19
530	190-200	10	trace	.010	.1	<.02
531	200-210	10	.010	.016	none	.16
532	210-220	10	.020	.010	.2	.17
533	220-230	10	.015	.012	none	.27
534	230-240	10	.030	.012	none	.09
535	240-250	10	.030	.008	.1	.17
536	250-260	10	.030	.040	none	.16
537	260-270	10	.020	.010	none	<.02
538	270-280	10	.020	.010	.1	.07
539	280-290	10	.010	.006	none	<.02
540	290-300	10	.010	.012	.2	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-204

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-1	0-10	10	none	.002	none	.16
2	10-20	10	none	.002	none	.20
3	20-30	10	trace	.004	none	.22
4	30-40	10	.010	.004	none	.24
5	40-50	10	trace	.004	none	.24
6	50-60	10	trace	<.001	none	.16
7	60-70	10	trace	<.001	none	.16
8	70-80	10	trace	.002	none	.06
9	80-90	10	trace	.002	none	.20
10	90-100	10	trace	.002	.7	<.01
11	100-110	10	.010	<.001	none	.20
12	110-120	10	.010	.002	none	.20
13	120-130	10	trace	.002	.2	<.01
14	130-140	10	trace	.002	none	<.01
15	140-150	10	trace	.002	none	<.01
16	150-160	10	trace	.002	none	.02
17	160-170	10	none	.002	none	.20
18	170-180	10	none	.002	none	<.01
19	180-190	10	trace	.002	none	<.01
20	190-200	10	none	.002	none	<.01
21	200-210	10	trace	.002	none	.18
22	210-220	10	none	.002	.2	.02
23	220-230	10	none	.002	none	.14
24	230-240	10	none	.002	none	.12
25	240-250	10	none	.002	none	.08
26	250-260	10	none	.002	none	<.01
27	260-270	10	none	.002	none	.22
28	270-280	10	none	.002	none	.20
29	280-290	10	trace	.002	.2	<.01
30	290-300	10	none	.002	none	.20

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-205

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-541	0-10	10	.005	.004	.1	.34
542	10-20	10	.010	.008	.2	.57
543	20-30	10	.010	.004	.1	.36
544	30-40	10	.010	.006	none	.03
545	40-50	10	.010	.004	none	.16
546	50-60	10	.010	.006	.3	.45
547	60-70	10	.005	.004	none	.16
548	70-80	10	.010	.006	none	.17
549	80-90	10	.010	.008	none	.19
550	90-100	10	.010	.016	.1	.10
551	100-110	10	.010	.008	none	.19
552	110-120	10	.010	.006	none	<.02
553	120-130	10	.005	.018	none	.14
554	130-140	10	.005	.006	none	.13
555	140-150	10	.010	.004	none	<.02
556	150-160	10	.020	.014	none	<.02
557	160-170	10	.015	.002	none	<.02
558	170-180	10	.010	.004	none	.12
559	180-190	10	.010	.002	none	.10
560	190-200	10	.005	.002	none	.12
561	200-210	10	.010	.008	none	.13
562	210-220	10	.010	.006	none	.05
563	220-230	10	.010	.010	none	<.02
564	230-240	10	.010	.010	none	.15
565	240-250	10	.010	.030	none	.15

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-206

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-601	0-10	10	.010	.002	.1	.16
602	10-20	10	.010	.008	.1	.19
603	20-30	10	.010	.008	.3	<.02
604	30-40	10	.005	.004	none	<.02
605	40-50	10	.010	.008	.1	<.02
606	50-60	10	.005	.010	none	<.02
607	60-70	10	trace	.002	none	.50
608	70-80	10	.010	.002	.1	.16
609	80-90	10	trace	.002	none	.22
610	90-100	10	.010	.006	none	.21

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-207

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-591	0-10	10	.010	.014	none	<.02
592	10-20	10	.010	.004	.1	.18
593	20-30	10	.010	.004	none	.10
594	30-40	10	.010	.002	none	.20
595	40-50	10	.010	.014	.1	.11
596	50-60	10	.010	.010	none	<.02
597	60-70	10	.005	.002	none	.18
598	70-80	10	.010	.004	.1	<.02
599	80-90	10	trace	<.002	.1	.04
600	90-100	10	trace	.004	none	.06

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-208

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-566	0-10	10	.010	.016	none	.30
567	10-20	10	.015	.044	.4	.26
568	20-30	10	.010	.042	.1	.35
569	30-40	10	.010	.008	.2	.31
570	40-50	10	.010	.010	.1	<.02
571	50-60	10	.010	.004	none	<.02
572	60-70	10	.015	.012	.1	.23
573	70-80	10	.020	.028	.1	.31
574	80-90	10	none	<.002	none	.32
575	90-100	10	.020	.010	none	.23
576	100-110	10	.020	.016	.1	.38
577	110-120	10	.020	.022	.2	.34
578	120-130	10	.020	.060	.5	.57
579	130-140	10	.025	.036	.1	.32
580	140-150	10	.025	.022	none	.28
581	150-160	10	.030	.068	.2	<.02
582	160-170	10	.040	.022	.4	.40
583	170-180	10	.040	.022	.5	.64
584	180-190	10	.030	.034	.5	.41
585	190-200	10	.020	.012	.1	.29
586	200-210	10	.010	.010	none	.19
587	210-220	10	.015	.034	.2	<.02
588	220-230	10	.010	.008	.1	<.02
589	230-240	10	.010	.018	.3	<.02
590	240-250	10	.010	.008	.1	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-210

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-311	0-10	10	none	.004	none	.16
312	10-20	10	none	.016	.3	.26
313	20-30	10	trace	.004	none	.02
314	30-40	10	trace	.004	none	.12
315	40-50	10	.010	.004	.1	.26
316	50-60	10	trace	.002	.1	.16
317	60-70	10	.010	.004	.1	<.01
318	70-80	10	trace	.010	none	.35
319	80-90	10	trace	.020	none	<.01
320	90-100	10	trace	.014	none	<.01
321	100-110	10	.005	.004	none	<.01
322	110-120	10	.005	.002	none	<.01
323	120-130	10	.010	.006	none	.02
324	130-140	10	trace	.004	none	.02
325	140-150	10	.010	.006	.1	.02
326	150-160	10	.010	.006	none	<.02
327	160-170	10	.020	.018	none	<.02
328	170-180	10	.020 .028	.036	none	<.02
329	180-190	10	.010	.012	none	<.02
330	190-200	10	.010	.022	.4	.10
331	200-210	10	.010	.034	none	<.02
332	210-220	10	.020	.014	none	<.02
333	220-230	10	.010	.016	none	<.02
334	230-240	10	.040	.014	none	<.02
335	240-250	10	.390 .460	.530	.2	<.02
336	250-260	10	.030 .055	.080	none	.14
337	260-270	10	.020 .024	.028	.1	.35
338	270-280	10	.040 .042	.044	.2	.62
339	280-290	10	.100 .101	.102	none	<.02
340	290-300	10	.010	.018	none	<.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-211

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-194	0-10	10	.010	.008	none	.15
195	10-20	10	.010	.008	none	.05
196	20-30	10	.010	.010	none	.02
197	30-40	10	.010	.010	none	.05
198	40-50	10	.010	.012	none	.03
199	50-60	10	.010	.004	none	<.01
200	60-70	10	trace	.006	none	<.01
201	70-80	10	trace	.008	none	.27
202	80-90	10	trace	.004	none	<.01
203	90-100	10	.010	<.001	none	.28
204	100-110	10	.010	.018	.2	.10
205	110-120	10	trace	.002	none	<.01
206	120-130	10	trace	.002	none	<.02
207	130-140	10	trace	.002	none	<.01
208	140-150	10	none	<.001	none	.15
209	150-160	10	trace	<.001	none	<.01
210	160-170	10	.010	.014	.2	<.01
211	170-180	10	.010	.020	none	<.01
212	180-190	10	.015	.016	.2	<.01
213	190-200	10	.010	.002	none	.28
214	200-210	10	trace	.004	none	.10
215	210-220	10	.010	.006	none	<.01
216	220-230	10	.010	.004	none	<.01
217	230-240	10	trace	.006	none	<.02
218	240-250	10	.010	.006	none	<.01
219	250-260	10	.010	.016	.1	<.01
220	260-270	10	.010	.014	none	.04

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-212

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-56	0-10	10	trace	.002	none	.14
57	10-20	10	trace	.006	none	<.02
58	20-30	10	.010	.006	.1	.29
59	30-40	10	.010	.006	.2	.27
60	40-50	10	.010	.010	.1	.33
61	50-60	10	.010	.008	none	.17
62	60-70	10	.010	.006	.4	.57
63	70-80	10	.010	.006	none	.11
64	80-90	10	.010	.004	none	.17
65	90-100	10	.010	.006	none	.11
66	100-110	10	.010	.004	none	.17
67	110-120	10	.010	.010	.3	.49
68	120-130	10	.010	.008	.3	.43
69	130-140	10	.010	.010	none	.19
70	140-150	10	.010	.008	none	<.01
71	150-160	10	.010	.008	none	<.01
72	160-170	10	trace	.002	.1	.38
73	170-180	10	.010	.004	none	.28
74	180-190	10	trace	.002	none	.12
75	190-200	10	trace	.002	none	.28
76	200-210	10	trace	.002	.1	.02
77	210-220	10	trace	.002	none	<.01
78	220-230	10	trace	.002	none	.20
79	230-240	10	trace	.002	none	.12
80	240-250	10	trace	.002	none	<.01
81	250-260	10	trace	.002	none	<.01
82	260-270	10	trace	.002	none	<.01
83	270-280	10	trace	.002	none	<.01
84	280-290	10	.010	.002	none	.20
85	290-300	10	trace	.002	none	<.01

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-213

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-31	0-10	10	.010	.006	none	.14
32	10-20	10	.005	.002	none	.18
33	20-30	10	trace	.002	.1	.26
34	30-40	10	trace	.002	none	.02
35	40-50	10	none	.002	none	.06
36	50-60	10	none	.002	none	.24
37	60-70	10	none	<.001	none	.22
38	70-80	10	trace	.002	none	.42
39	80-90	10	.010	.004	none	.14
40	90-100	10	trace	.002	none	.02
41	100-110	10	none	.002	.1	.25
42	110-120	10	none	<.001	none	<.01
43	120-130	10	none	<.001	none	.09
44	130-140	10	.010	.028	none	.23
45	140-150	10	.010	.018	none	.34
46	150-160	10	.010	.002	none	.12
47	160-170	10	trace	.008	none	.04
48	170-180	10	none	<.001	none	.18
49	180-190	10	none	<.001	none	.20
50	190-200	10	none	<.001	none	.20
51	200-210	10	none	.002	none	.18
52	210-220	10	.010	.020	none	.05
53	220-230	10	trace	.002	none	.20
54	230-240	10	.015	.022	none	.14
55	240-250	10	trace	.002	none	.30

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-214

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-286	0-10	10	.010	.004	none	<.02
287	10-20	10	trace	.002	none	<.02
288	20-30	10	.010	.002	none	.10
289	30-40	10	.005	.004	none	.22
290	40-50	10	trace	.008	none	.21
291	50-60	10	trace	.002	none	.24
292	60-70	10	none	.002	none	.22
293	70-80	10	none	.002	none	<.02
294	80-90	10	none	.002	.1	.24
295	90-100	10	none	.012	none	.24
296	100-110	10	.010	.002	none	.20
297	110-120	10	none	<.002	none	.18
298	120-130	10	none	<.002	none	.16
299	130-140	10	none	.002	none	.26
300	140-150	10	.010	.014	none	.05
301	150-160	10	.010	.002	.1	.12
302	160-170	10	trace	<.002	.2	.14
303	170-180	10	none	.002	none	.28
304	180-190	10	none	<.002	none	.14
305	190-200	10	.160	.142	none	.15
306	200-210	10	none	<.002	none	.12
307	210-220	10	none	<.002	none	<.02
308	220-230	10	.015	.022	.1	.33
309	230-240	10	.090	.068	.4	.69
310	240-250	10	.020	.108	.4	.46

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-215

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-456	0-10	10	none	.002	none	.12
457	10-20	10	trace	.002	none	.18
458	20-30	10	trace	.002	none	<.02
459	30-40	10	trace	.002	none	.04
460	40-50	10	.010	.004	none	.20
461	50-60	10	.005	.004	none	.24
462	60-70	10	.010	.012	.1	.25
463	70-80	10	.160	.048	.3	<.02
464	80-90	10	.010	.004	none	<.02
465	90-100	10	.010	.012	none	.15
466	100-110	10	.010	.006	.1	<.02
467	110-120	10	.010	.008	.1	<.02
468	120-130	10	trace	.006	none	.05
469	130-140	10	trace	.002	none	<.02
470	140-150	10	trace	.002	none	.20
471	150-160	10	trace	<.002	none	<.02
472	160-170	10	.010	.046	.1	.05
473	170-180	10	.020	.008	.1	<.02
474	180-190	10	.010	.012	.5	<.02
475	190-200	10	.010	.018	none	<.02
476	200-210	10	.010	.008	none	<.02
477	210-220	10	.010	.008	none	<.02
478	220-230	10	.010	.006	none	<.02
479	230-240	10	.020	.014	.2	.03
480	240-250	10	.040	.022	.1	<.02
481	250-260	10	.050	.014	none	<.02
482	260-270	10	.050	.034	.3	<.02
483	270-280	10	.050	.042	.7	<.02
484	280-290	10	.100	.054	.4	<.02
485	290-300	10	.040	.034	.4	.27

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-216

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-164	0-10	10	trace	.008	none	.06
165	10-20	10	none	.002	none	.34
166	20-30	10	trace	<.001	none	.10
167	30-40	10	none	<.001	none	.08
168	40-50	10	trace	.006	none	.03
169	50-60	10	trace	.002	none	<.01
170	60-70	10	trace	.002	none	.12
171	70-80	10	trace	.002	none	.26
172	80-90	10	.010	.016	none	.28
173	90-100	10	trace	.004	none	.22
174	100-110	10	trace	.004	none	.22
175	110-120	10	trace	.002	none	.26
176	120-130	10	trace	.004	none	.20
177	130-140	10	.010	<.001	none	.09
178	140-150	10	.010	.006	none	.18
179	150-160	10	.010	.006	none	.19
180	160-170	10	.010	.004	none	.16
181	170-180	10	.010	.004	none	.10
182	180-190	10	.015	.008	none	.31
183	190-200	10	.010	.004	none	<.01
184	200-210	10	none	.002	none	.28
185	210-220	10	.010	.002	none	.16
186	220-230	10	trace	.002	none	.14
187	230-240	10	trace	.004	none	.26
188	240-250	10	trace	.004	none	.20
189	250-260	10	trace	.004	none	.14
190	260-270	10	trace	.002	none	.16
191	270-280	10	none	.002	none	.16
192	280-290	10	none	.002	none	.22
193	290-300	10	none	.002	none	.02

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-217

Sample No.	Interval	Ft.	Au Oz/ton Union	Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-134	0-10	10	trace	.002	none	.16
135	10-20	10	trace	.002	none	.28
136	20-30	10	trace	.002	none	.20
137	30-40	10	none	.002	none	.02
138	40-50	10	.020	.022	none	.18
139	50-60	10	.010	.008	none	.03
140	60-70	10	trace	.006	none	.23
141	70-80	10	.010	.028	none	.07
142	80-90	10	trace	.004	none	.24
143	90-100	10	trace	.002	none	.18
144	100-110	10	trace	.004	.1	.16
145	110-120	10	none	.004	none	.18
146	120-130	10	none	.002	none	.10
147	130-140	10	none	.002	none	.28
148	140-150	10	none	.002	none	.20
149	150-160	10	trace	.006	none	.26
150	160-170	10	trace	.014	none	.20
151	170-180	10	trace	.002	none	.20
152	180-190	10	trace	.004	none	.28
153	190-200	10	trace	.006	none	<.01
154	200-210	10	trace	.004	none	.16
155	210-220	10	none	.004	none	.26
156	220-230	10	none	.002	none	.08
157	230-240	10	none	.006	none	.19
158	240-250	10	none	.002	none	.18
159	250-260	10	none	.002	none	.17
160	260-270	10	none	.010	none	.25
161	270-280	10	trace	.002	none	.16
162	280-290	10	none	.004	none	<.01
163	290-300	10	none	.002	none	.14

ASSAY LOG

Gilt Edge Project
Lawrence County, South Dakota

RDH 80-GLE-218

Sample No.	Interval	Ft.	Au Oz/ton Union		Au Oz/ton Hunter	Ag Oz/ton Union	Ag Oz/ton Hunter
80-GLE-611	0-10	10	.010		.024	.5	.48
612	10-20	10	.050	.057	.064	.5	.56
613	20-30	10	.120	.113	.106	.3	.29
614	30-40	10	.040	.044	.048	.1	.23
615	40-50	10	.010		.032	.1	.19
616	50-60	10	.010		.016	.3	.44
617	60-70	10	.020		.034	.1	.31
618	70-80	10	.040	.040	.040	.1	.28
619	80-90	10	.020		.036	.1	.16
620	90-100	10	.250	.241	.244	none	.14
621	100-108	8	.015		.034	.3	.09

APPENDIX C

Assay Logs for Cyprus Rotary Drill Holes

80-GLE-189 Through 80-GLE-218

Note: Holes 80-GLE 190, 197, and 209 were planned but not drilled.

80 GLE 189

Sample	Interval	Union Au	Hunter Au	Average	Union Ag	Ag	Average
634	0-10	.020	.012		.1	.07	
635	10-20	.010	.008		.1	.11	
636	20-30	.010	.004		0	<.02 .50	
637	30-40	.010	.008		0	<.02	
638	40-50	.020	.004		0	.04	
639	50-60	.010	.004		0	<.02	
640	60-70	.020	.002		.2	.04	
641	70-80	tr	.004		0	<.02	
642	80-90	.020	.012		0	<.02	
643	90-100	.010	.012		0	.11	
644	100-110	.060	.082	.071	0	<.02	
645	110-120	.020	.010		0	<.02	
646	120-130	.010	.006		0	<.02	
647	130-140	.010	.010		0	<.02	
648	140-150	.010	.024		0	.08	

10' of .071

80 GLE 190

Not Drilled

	Sample	Interval	Au	Au	Average	Ag	Ag	Average		

80-GLE-191

Sample	Interval	Au Union	Au Hunter	Average	Ag Union	Ag	Average
436	0-10	.010	.012		.1	.19	
437	10-20	tr	.002		0	.14	
438	20-30	.020	.046	.033	0	.13	
439	30-40	.060	.058	059	0	.12	
440	40-50	tr	.004		.1	.14	
441	50-60	tr	.002		0	.20	
442	60-70	tr	.002		0	.02	
443	70-80	.010	.006		0	<.02	
444	80-90	.030	.040	035	0	<.02	
445	90-100	.005	.010		0	<.02	
446	100-110	.010	.012		0	.09	
447	110-120	.010	.016		.1	.18	
448	120-130	.010	.014		0	.02	
449	130-140	.010	.008		0	.11	
450	140-150	.010	.008		0	.09	
451	150-160	.010	.010		0	<.02	
452	160-170	.010	.006		0	<.02	
453	170-180	.010	.010		0	.03	
454	180-190	.020	.016		.1	.22	
455	190-200	.020	.050	035	0	<.02	
40'	.041	1.28					

80 GLE 192

Sample	Interval	Au Union	Au Hunter	Average	Ag Union	Ag Hunter	Average
401	0-10	.005	.004		.2	.18	
402	10-20	.010	.010		0	.23	
403	20-30	tr	.002		.2	.38	
404	30-40	.010	.018		0	.28	
405	40-50	tr	<.002		.2	.08	
406	50-60	.020	.020	.020	.2	.22	
407	60-70	.040	.026	.033	.3	.25	
408	70-80	.040	.032	.036	.3	.23	
409	80-90	.010	.016		.4	.68	
410	90-100	.010	.006		.2	.37	
411	100-110	.010	.012		.6	.41	
412	110-120	.010	.014		.5	.62 1.01	
413	120-130	.010	.006		.3	.41	
414	130-140	.010	.002		.3	.34	
415	140-160	.005	.004		.1	.28	
416	150-160	.005	.008		.5	.39	
417	160-170	.005	.012		.4	.45	
418	170-180	0	<.002		0	.12	
419	180-190	0	.002		0	.16	
420	190-200	0	.002		0	.20	
421	200-210	.010	.002		.2	.26	
422	210-220	.010	.004		0	.12	
423	220-230	.020	.014		.2	.39	
424	230-240	.010	.012		0	.33	
425	240-250	.020	.016		.1	.30	
426	250-260	.020	.010		.1	.11	
427	260-270	tr	.002		.1	.10	
428	270-280	0	<.002		0	.12	
429	280-290	0	<.002		0	.37 .74	
430	290-300	tr	.012		.1	.49	
431	300-310	0	.002		0	.10	
432	310-320	0	.002		0	.18	
433	320-330	.010	.006		.2	.33	
434	330-340	.010	.004		.2	.34	
435	340-350	tr	<.002		0	<.02	
TD							

30' .030 = .90

80 GLE 193

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
649	0-10	.010	.010		0	.05	
650	10-20	.010	.006		0	<.02	
651	20-30	.010	.004		0	<.02	
652	30-40	.010	.007		0	<.02	
653	40-50	.010	.008		0	.05	
654	50-60	.010	.004		.3	<.02	
655	60-70	.010	.002		.1	.24	
656	70-80	.010	.004		.1	<.02	
657	80-90	tr	.028		.2	<.02	
658	90-100	.010	.002		.2	.12	
659	100-110	.010	.002		.3	<.02	
660	110-120	.010	.008		.1	.03	
661	120-130	tr	.002		.2	.06	
662	130-140	.020	.012		.4	<.02	
663	140-150	.010	.004		.2	.16	
664	150-160	.010	.002		.2	.02	
665	160-170	.010	.002		.3	<.02	
666	170-180	.010	.006		.2	<.01	
667	180-190	.010	.004		.6	<.01	
668	190-200	.010	.004		.2	<.01	

No ore

80 GLE 194 C

Sample	Interval	Union Au	Hunter Au	Average	Ag	Ag	Average
246	0-10	.010	.010		.1	.21	
247	10-20	.015	.020		0	.22	
248	20-30	.010	.040	.025	0	.23 .30	
249	30-40	.015	.020		0	<.02 .30	
250	40-50	.010	.012		0	<.02 .37	
251	50-60	.010	.012		0	<.02 <.02	
252	60-70	.070	.056	.063	0	.44 <.02	
253	70-80	.010	.024		0	.34	
254	80-90	.110	.020	.065	0	<.02 .11	
255	90-100	.010	.008		.1	.48	
256	100-110	.010	.006		.2	<.02	
257	110-120	.020	.012		0	<.02 .25	
258	120-130	.010	.002		0	.36	
259	130-140	.010	.004		0	.26	
260	140-150	.010	.004		0	<.02	
261	150-160	.010	.004		.1	<.02	
262	160-170	.010	.012		0	<.02	
263	170-180	.010	.010		0	<.02 <.02	
264	180-190	.010	.008		0	.39	
265	190-200	.010	.014		0	.35	
266	200-210	.010	.008		0	.25	
629	210-220	.010	.008		0	<.02	
630	220-230	.010	.008		0	.05	
631	230-240	.010	.008		0	.09	
632	240-250	.010	.008		0	<.02	
633	250-260	.020	.008		0	<.02	

← West →

80 GLE 195

Sample	Interval	Au	Au	Average	Ag	Ag	Average
267	0-10	.015	.018		.1	.06 .22	
268	10-20	.010	.018		0	.29	
269	20-30	.010	.006		.1	.27	
270	30-40	.010	.008		0	.13	
271	40-50	.010	.006		0	.13	
272	50-60	.070	.078	.074	0	.02	
273	60-70	.040	.016		0	.06 1.36	
274	70-80	.010	.014		0	.21	
275	80-90	.030	.018		.2	.12	
276	90-100	.040	.012		0	<.02 .39	
277	100-110	.010	.010		0	.23	
278	110-120	tr	.004		0	.28	
279	120-130	.010	.006		0	.29	
280	130-140	.020	.010		0	.19	
281	140-150	.080	.022	.051	0	<.02 .40	
282	150-160	.015	.038	.026	0	<.02 .42	
283	160-170	.010	.006		0	.25	
284	170-180	.010	.020		.2	.40	
285	180-190	.010	.008		0	.24	
622	190-200	.010	.066	.038	0	.09	
623	200-210	.010	.016		0	<.02	
624	210-220	.020	.012		0	<.02	
625	220-230	.010	.014		0	.03	
626	230-240	.010	.012		.1	<.02	
627	240-250	.010	.040	.028	0	<.02	
628	250-260	.010	.006		0	.05	

Wet

~~60'~~ ~~.04~~ ~~.03~~

~~60'~~

80 GLE 196

Sample	Interval	Union Au	Hunter Au	Average	Union Ag	Ag	Average
366	0-10	.010	.004 .004		0	.34	
367	10-20	0	.002		0	.02	
368	20-30	tr	<.002		0	.12	
369	30-40	.010	.004		0	.02	
370	40-50	.010	.006		0	.01	
371	50-60	.010	.010		0	.31	
372	60-70	tr	.004		0	<.02	
373	70-80	0	.006		0	.05	
374	80-90	tr	.004		0	.16	
375	90-100	.010	.014		0	.19	
376	100-110	.010	.014		0	<.02 .37	
377	110-120	.010	.016		0	.19 .34	
378	120-130	.010	.012		0	.19	
379	130-140	.010	.008		0	.19	
380	140-150	.010	.010		0	.19	
381	150-160	tr	.004		0	<.02	
382	160-170	tr	.004		0	.20	
383	170-180	0	.014		.2	.17	
384	180-190	.005	.010		0	.19	
385	190-200	.005	.018		0	.24	
386	200-210	.005	.008		0	<.02	
387	210-220	.005	.006		0	.03	
388	220-230	tr	.006		0	<.02	
389	230-240	.010	.014		0	<.02	
390	240-250	.010	.022 .008		0	<.02	
391	250-260	.005			0	<.02	
392	260-270	.005	.006 .010		0	<.02	
393	270-280	.005			0	<.02	
394	280-290	.010	.004		0	<.02	
395	290-300	.010	.010		0	<.02	
396	300-310	.010	.008		0	.09	
397	310-320	.005	.004 .006		0	<.02	
398	320-330	tr	.006		0	<.02	
399	330-340	.010	.006		0	.11	
400	340-350	.005			0	<.02	
TD							

No ore

80 GLE 197

Not Drilled

80 GLE 198

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
341	0-10	.010	.004		0	.34	
342	10-20	.010	.004		0	.22	
343	20-30	.010	.006		0	.05	
344	30-40	.010	.006		0	.01	
345	40-50	.005	.004		0	.10	
346	50-60	.020	.006		0	.09	
347	60-70	.010	.008		0	.23	
348	70-80	.010	.016		0	.14	
349	80-90	.010	.012		0	.31	
350	90-100	.010	.012		0	.23	
351	100-110	.010	.018		0	.26	
352	110-120	.010	.028		.1	.25	
353	120-130	.010	.012		0	.03	
354	130-140	.010	.016		0	.26	
355	140-150	.010	.008		0	.09	
356	150-160	.010	.008		0	.15	
357	160-170	.010	.008		0	.05	
358	170-180	.010	.010		0	.11	
359	180-190	.010	.012		0	.15	
360	190-200	tr	.004		0	.02	
361	200-210	tr	.002		0	.22	
362	210-220	.010	<.002		0	.12	
363	220-230	.010	.004		0	.24	
364	230-240	.010	.004		0	<.02	
365	240-260	.010	.008		0	<.02	
				No ore			
No ore							

80 GLE 199

Sample	Interval	Au	Ag	Average	Ag	Ag	Average
221	0-10	.010	.008		0	.19	
222	10-20	.015	.010		0	.11	
223	20-30	.010	.022		.3	.30	
224	30-40	.010	.016		.1	<.02	
225	40-50	.015	.030	.022	.1	<.02	
226	50-60	.040	.050	.045	.5	.65	
227	60-70	.030	.038	.034	0	.12	
228	70-80	.040	.010	.025	0	<.02	
229	80-90	.010	.010		0	<.02	
230	90-100	.030	.036	.033	0	<.02	
231	100-110	.010	.008		0	.11	
232	110-120	.020	.028	.024	0	<.02	
233	120-130	.025	.040	.032	.4	.68	
234	130-140	.025	.042	.033	.2	.42	
235	140-150	.010	.040	.025	0	.26	
236	150-160	.010	.018		0	.38	
237	160-170	.030	.018	.024	0	.22	
238	170-180	.025	.016	.021	0	.28	
239	180-190	.010	.024 .018		0	.34	
240	190-200	.010			0	.20	
241	200-210	.015	.014		0	.34	
242	210-220	.010	.028		0	<.01	
243	220-230	.010	.022		0	.30	
244	230-240	.010	.026		0	.25	
245	240-250	.010	.014		0	.17	

110' @ .029 minimum 3.19

Near, not exactly in

80 GLE 200 Rattlesnake dump

	Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
	111	0-10	.045	.042	.044	0	<.02 .30	
	112	10-20	.040	.016	.028	0	<.01	
	113	20-30	.040	.026	.033	0	<.01	
	114	30-40	.040	.026	.033	0	.11	
.030	115	40-50	.030	.026	.028	0	<.01	
	116	50-60	.030	.022	.026	0	<.01	
	117	60-70	.025	.014	.020	0	<.01	
	118	70-80	.010	.018		0	<.01	
	119	80-90	.035	.026	.031	0	.23	
	120	90-100	.030	.026	.028	0	.19	
.041	121	100-110	.050	.052	.051	0	.25	
	122	110-120	.055	.054	.055	0	.15	
	123	120-130	.060	.046	.053	.2	<.02 .43	
	124	130-140	.030	.022	.026	0	.20	
	125	140-150	.010	.016		0	.16	
	126	150-160	.010	.012		0	<.01	
	127	160-170	.030	.026	.028	0	<.01	
	128	170-180	.025	.032	.028	0	<.01	
	129	180-190	tr	.006		0	<.01	
	130	190-200	No assay why	.048	.048	No assay - why?	<.01	
.040	131	200-210	.035	.030	.033	0	<.01	
	132	210-220	.010	.010		0	<.01	
	133	220-227	.020	.026	.023	0	.21	

180' of .034 6.12

80 GLE 201 Rattlesnake dump

Sample	Interval	Au	Au	Average	Ag	Ag	Average
86	0-10 (no sample)						
87	10-20	Missing			Missing		
88	20-30	.030	.036	.033	0	<.01	
89	30-40	.010	.012		0	<.01	
90	40-50	.010	.014		0	<.01	
91	50-60	.010	.012		0	<.01	
92	60-70	.030	.038	.034	0	<.01	
93	70-80	.020	.024	.022	0	<.01	
94	80-90	.140	.192	.166	.1	.01	
95	90-100	.140	.120	.130	.5	<.01	
96	100-110	.040	.048	.044	0	<.01	
97	110-120	.010	.010		0	<.01	
98	120-130	.010	.018		0	<.01	
99	130-140	.010	.006		0	<.01	
100	140-150	.010	.006		0	<.01	
101	150-160	.010	.004		0	<.01	
102	160-170	.250	.118	.187	.2	<.01	
103	170-180	.070	.062	.066	0	<.01	
104	180-190	.060	.038	.098	.1	<.01	
105	190-200	.080	.054	.067	.3	<.01	
106	200-210	.050	.042	.046	0	<.01	
107	210-220	.040	.022	.031	0	<.01	
108	220-230	.030	.016	.023	0	<.01	
109	230-240	.020	.010		0	<.01	
110	240-250	.020	.018		0	<.01	
	130' of	.073	9.49				

80-GLE-202

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
486	0-10	tr	.004		0	.02	
487	10-20	tr	.002		.1	<.02	
488	20-30	tr	.002		.1	<.02	
489	30-40	.010	.014		0	.03	
490	40-50	tr	.010		0	.09	
491	50-60	.010	.006		.1	.17	
492	60-70	tr	.006		.1	.07	
493	70-80	tr	.004		.1	.12	
494	80-90	.020	.038	.029	.1	<.02	
495	90-100	tr	.006		.1	.09	
496	100-110	tr	.004		0	.12	
497	110-120	tr	.002		0	<.02	
498	120-130	.010	.006		.2	.25	
499	130-140	.025	.014	.020	0	.09	
500	140-150	.010	.010		.2	.07	
501	150-160	.010	.002		0	.04	
502	160-170	tr	.006		.1	.04	
503	170-180	tr	.002		0	.16	
504	180-190	tr	.004		0	.20	
505	190-200	.010	.006		.1	.03	
506	200-210	.010	.008		0	.15	
507	210-220	.020	.020	.020	.4	.19	
508	220-230	.010	.008		0	.09	
509	230-240	.020	.002		.2	<.02	
510	240-250	tr	.002		0	<.02	
	30	.025	.69				
507	20'	.025	.50				

80- GLE -203

Sample	Interval	Au Union	Au Hunter	Average	Ag Union	Ag	Average
511	0-10	.020	.010		.1	.09	
512	10-20	tr	.002		0	.08	
513	20-30	.010	.016		.2	.12	
514	30-40	.005	.004		0	.04	
515	40-50	.010	.006		.2	.13	
516	50-60	.020	.010		0	<.02	
517	60-70	—	.006		0	.19	
518	70-80	.020	.010		0	<.02 .29	
519	80-90	.015	.008		0	.13	
520	90-100	.005	.006		0	.03	
521	100-110	.005	.008		0	<.02 .33	
522	110-120	.005	.004		.1	.32	
523	120-130	.005	.004		.2	.22	
524	130-140	.010	.004		0	.12	
525	140-150	.010	.008		.1	.25	
526	150-160	.010	.006		.1	<.02	
527	160-170	.010	.006		.1	<.02	
528	170-180	.010	.006		0	.17	
529	180-190	.010	.006		.2	.19	
530	190-200	tr	.010		.1	<.02	
531	200-210	.010	.016		0	.16	
532	210-220	.020	.010		.2	.17	
533	220-230	.015	.012		0	.27	
534	230-240	.030	.012	.021	0	.09	
535	240-250	.030	.008		.1	.17	
536	250-260	.030	.040	.035	0	.16	
537	260-270	.020	.010		0	<.02	
538	270-280	.020	.010		.1	.07	
539	280-290	.010	.006		0	<.02	
540	290-300	.010	.012		.2	<.02	

20' of .028 minimum .56

80 GLE 204

Sample	Interval	Au Union	Au Hunter	Average	Ag Union	Ag Hunter	Average
1	0-10	0	.002		0	.16	
2	10-20	0	.002		0	.20	
3	20-30	tr	.004		0	.22	
4	30-40	.010	.004		0	.24	
5	40-50	tr	.004		0	.24	
6	50-60	tr	>.001		0	.16	
7	60-70	tr	>.001		0	.16	
8	70-80	tr	.002		0	.06	
9	80-90	tr	.002		0	.20	
10	90-100	tr	.002		.7	.01	
11	100-110	.010	>.001		0	.20	
12	110-120	.010	.002		0	.20	
13	120-130	tr	.002		.2	>.01	
14	130-140	tr	.002		0	>.01	
15	140-150	tr	.002		0	>.01	
16	150-160	tr	.002		0	.02	
17	160-170	0	.002		0	.20	
18	170-180	0	.002		0	>.01	
19	180-190	0	.002		0	>.01	
20	190-200	0	.002		0	>.01	
21	200-210	tr	.002		0	.18	
22	210-220	0	.002		.2	.02	
23	220-230	0	.002		0	.14	
24	230-240	0	.002		0	.12	
25	240-250	0	.002		0	.08	
26	250-260	0	.002		0	>.01	
27	260-270	0	.002		0	.22	
28	270-280	0	.002		0	.20	
29	280-290	tr	.002		.2	>.01	
30	290-300	0	.002		0	.20	

No ore

80 GLE 205

Sample	Interval	Union Au	Au	Average	Union Ag	Ag	Average
541	0-10	.005	.004		.1	.34	
542	10-20	.010	.008		.2	.57	
543	20-30	.010	.004		.1	.36	
544	30-40	.010	.006		0	.03	
545	40-50	.010	.004		0	.16	
546	50-60	.010	.006		.3	.45	
547	60-70	.005	.004		0	.16	
548	70-80	.010	.006		0	.17	
549	80-90	.010	.008		0	.19	
550	90-100	.010	.016		.1	.10	
551	100-110	.010	.008		0	.19	
552	110-120	.010	.006		0	<.02	
553	120-130	.005	.018		0	.14	
554	130-140	.005	.006		0	.13	
555	140-150	.010	.004		0	<.02	
556	150-160	.020	.014		0	<.02	
557	160-170	.015	.002		0	<.02	
558	170-180	.010	.004		0	.12	
559	180-190	.010	.002		0	.10	
560	190-200	.005	.002		0	.12	
561	200-210	.010	.008		0	.13	
562	210-220	.010	.006		0	.05	
563	220-230	.010	.010		0	<.02	
564	230-240	.010	.010		0	.15	
565	240-250	.010	.030	.020	0	.15	

.10 .030 .20

20 of .030 = .60

80 GLE 206

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
601	0-10	.010	.002		.1	.16	
602	10-20	.010	.008		.1	.19	
603	20-30	.010	.008		.3	<.02	
604	30-40	.005	.004		0	<.02	
605	40-50	.010	.008		.1	<.02	
606	50-60	.005	.010		0	<.02	
607	60-70	tr	.002		0	.50	
608	70-80	.010	.002		.1	.16	
609	80-90	tr	.002		0	.22	
610	90-100	.010	.006		0	.21	

No ore

80 GLE 207

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
591	0-10	.010	.014		0	<.02	
592	10-20	.010	.004		.1	.18	
593	20-30	.010	.004		0	.10	
594	30-40	.010	.002		0	.20	
595	40-50	.010	.014		.1	.11	
596	50-60	.010	.010		0	<.02	
597	60-70	.005	.002		0	.18	
598	70-80	.010	.004		.1	<.02	
599	80-90	tr	<.002		.1	.04	
600	90-100	tr	.004		0	.06	

No OR

80 GLE 208 Conflicting results

	Sample	Interval	Ag Union	Au	Average	Ag Union	Ag	Average		
	566	0-10	.010	.016		0	.30			
	567	10-20	.015	.044	.030	.4	.26			
	568	20-30	.010	.042	.028	.1	.35			
	569	30-40	.010	.008		.2	.31			
	570	40-50	.010	.010		.1	<.02			
	571	50-60	.010	.004		0	.50			
	572	60-70	.015	.012		.1	.23			
	573	70-80	.020	.028	.024	.1	.31			
	574	80-90	0	<.002		0	.32			
	575	90-100	.020	.010		0	.23			
	576	100-110	.020	.016		.1	.38			
	577	110-120	.020	.022	.021	.2	.34			
	578	120-130	.020	.060	.042	.5	.57			
	579	130-140	.025	.036	.031	.1	.32			
	580	140-150	.025	.022	.024	0	.28			
.030	581	150-160	.030	.068	.049	.2	<.02			
	582	160-170	.040	.022	.031	.4	.70			
	583	170-180	.040	.022	.031	.5	.64			
	584	180-190	.030	.034	.032	.5	.41			
	585	190-200	.020	.012		.1	.29			
	586	200-210	.010	.010		0	.19			
	587	210-220	.015	.035	.025	.2	<.02			
	588	220-230	.010	.008		.1	<.02			
	589	230-240	.010	.018		.3	<.02			
	590	240-250	.010	.008		.1	<.02			
		12[illegible]	.031		3[illegible]					

80 GLE 209

Not drilled

80 GLE 210

Sample	Interval	Union Au	Hunter Au	Average	Ag	Ag	Average
311	0-10	0	.004		0	.16	
312	10-20	0	.016		.3	.26	
313	20-30	tr	.004		0	<.02 .32	
314	30-40	tr	.004		0	.1 .38	
315	40-50	.010	.004		.1	.26	
316	50-60	tr	.002		.1	.16	
317	60-70	.010	.004		.1	<.01	
318	70-80	tr	.010		0	.35	
319	80-90	tr	.020		0	<.01	
320	90-100	tr	.014		0	<.01	
321	100-110	.005	.004		0	<.01	
322	110-120	.005	.002		0	<.01	
323	120-130	.010	.006		0	<.02 .51	
324	130-140	tr	.004		0	<.02 .34	
325	140-150	.010	.006		.1	<.02 .55	
326	150-160	.010	.006		0	<.02	
327	160-170	.020	.018		0	<.02	
328	170-180	.020	.036	.028	0	<.02	
329	180-190	.010	.012		0	<.02	
330	190-200	.010	.022		.4	.10 .92	
331	200-210	.010	.034	.022	0	<.02	
332	210-220	.020	.014		0	<.02	
333	220-230	.010	.016		0	<.02	
334	230-240	.040	.014	.027	0	<.02	
335	240-250	.390	.530 .080	.460 .061	.2	<.02	
336	250-260	.030			0	.14	
337	260-270	.020	.028	.024	.1	.35	
338	270-280	.040	.044	.042	.2	.62	
339	280-290	.100	.102	.101	0	<.02	
340	290-300	.010	.018		0	<.02	
		.096	.765				
	80'	.094	7.52				

.118

80 GLE 211

Sample	Interval	Au Union	Au Union	Average	Ag Union	Ag	Average
194	0-10	.010	.008		0	.15 .47	
195	10-20	.010	.008		0	.05 .35	
196	20-30	.010	.010		0	.05 .35	
197	30-40	.010	.010		0	.05 .51	
198	40-50	.010	.012		0	.03	
199	50-60	.010	.004		0	<.01	
200	60-70	tr	.006		0	<.01	
201	70-80	tr	.008		0	.27	
202	80-90	tr	.004		0	<.01	
203	90-100	.010	<.001		0	.28	
204	100-110	.010	.018		.2	.10 <.01	
205	110-120	tr	.002		0	<.01	
206	120-130	tr	.002		0	<.02 .34	
207	130-140	tr	.002		0	<.01	
208	140-150	0	<.001		0	.15	
209	150-160	tr	<.001		0	<.01	
210	160-170	.010	.014		.2	<.01	
211	170-180	.010	.020		0	<.01	
212	180-190	.015	.016		.2	<.01	
213	190-200	.010	.002		0	.28	
214	200-210	tr	.004		0	.10 .32	
215	210-220	.010	.006		0	<.01	
216	220-230	.010	.004		0	<.01	
217	230-240	tr	.006		0	<.02 .31	
218	240-250	.010	.006		0	<.01	
219	250-260	.010	.016		.1	<.01	
220	260-270	.010	.014		0	.04	

No ore

80 GLE 212

Check assays by Hunter

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average		
56	0-10	tr	.002		0	.14 .30			
57	10-20	tr	.006		0	<.02 .34			
58	20-30	.010	.006		.1	.29 .45			
59	30-40	.010	.006		.2	.27			
60	40-50	.010	.010		.1	.33			
61	50-60	.010	.008		0	.17 .31			
62	60-70	.010	.006		.4	.57			
63	70-80	.010	.006		0	.11 .43			
64	80-90	.010	.004		0	.17 .32			
65	90-100	.010	.006		0	.11 .37			
66	100-110	.010	.004		0	.17 .38			
67	110-120	.010	.010		.3	.49			
68	120-130	.010	.008		.3	.43			
69	130-140	.010 .010	.010		0	.19			
70	140-150		.008		0	<.01			
71	150-160	.010	.008		0	<.01			
72	160-170	tr	.002		.1	.38			
73	170-180	.010	.004		0	.28			
74	180-190	tr	.002		0	.12 .32			
75	190-200	tr	.002		0	.28			
76	200-210	tr	.002		.1	.02			
77	210-220	tr	.002		0	<.01			
78	220-230	tr	.002		0	.20			
79	230-240	tr	.002		0	.12			
80	240-250	tr	.002		0	<.01			
81	250-260	tr	.002		0	<.01			
82	260-270	tr	.002		0	<.01			
83	270-280	tr	.002		0	<.01			
84	280-290	.010	.002		0	.20			
85	290-300	tr	.002		0	<.01			

No OR

80 GLE 213

Check assay - Hunter

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
31	0-10	.010	.006		0	.14	
32	10-20	.005	.002		0	.18	
33	20-30	tr	.002		.1	.26	
34	30-40	tr	.002		0	.02 .42	
35	40-50	0	.002		0	.06 .40	
36	50-60	0	.002		0	.24 .38	
37	60-70	0	<.001		0	.32 .30	
38	70-80	tr	.002		0	.62 .42	
39	80-90	.010	.004		0	.14 .34	
40	90-100	tr	.002		0	.02 .22	
41	100-110	0	.002		.1	.25	
42	110-120	0	<.001		0	<.01	
43	120-130	0	<.001		0	.09	
44	130-140	.010	.028		0	.23	
45	140-150	.010	.018		0	.32 .36	
46	150-160	.010	.002		0	.12	
47	160-170	tr	.008		0	.04 .34	
48	170-180	0	<.001		0	.18	
49	180-190	0	<.001		0	.20	
50	190-200	0	<.001		0	.20	
51	200-210	0	.002		0	.18	
52	210-220	.010	.020		0	.05 .30	
53	220-230	tr	.002		0	.20	
54	230-240	.015	.022		0	.14 .34	
55	240-250	tr	.002		0	.30	

No 012

80 GLE 214

Sample	Interval	Union Au	Au	Average	Union Ag	Ag	Average
286	0-10	.010	.004		0	.34	
287	10-20	tr	.002		0	.54	
288	20-30	.010	.002		0	.34	
289	30-40	.005	.004		0	.22	
290	40-50	tr	.008		0	.21	
291	50-60	tr	.002		0	.24	
292	60-70	0	.002		0	.22	
293	70-80	0	.002		0	.32	
294	80-90	0	.002		.1	.24	
295	90-100	0	.012		0	.24	
296	100-110	.010	.002		0	.20	
297	110-120	0	<.002		0	.18	
298	120-130	0	<.002		0	.16	
299	130-140	0	.002		0	.26	
300	140-150	.010	.014		0	.05	
301	150-160	.010	.002		.1	.12	
302	160-170	tr	<.002		.2	.14	
303	170-180	0	.002		0	.28	
304	180-190	0	<.002		0	.14	
305	190-200	.160	.142	.151	0	.15	
306	200-210	0	<.002		0	.12	
307	210-220	0	.002		0	.32	
308	220-230	.015	.022		.1	.34	
309	230-240	.090	.068	.079	.4	.69	
310	240-250	.020	.108 .078	.069	.4	.46	
			2.99				
		.100	~~3.24~~				
	30'	.093	2.79				

80 GLE 215

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
456	0-10	0	.002		0	.12	
457	10-20	tr	.002		0	.18	
458	20-30	tr	.002		0	<.02	
459	30-40	tr	.002		0	.04	
460	40-50	.010	.004		0	.20	
461	50-60	.005	.004		0	.24	
462	60-70	.010	.012		.1	.25	
463	70-80	.160	.048	0.092	.3	<.02	
464	80-90	.010	.004		0	.02	
465	90-100	.010	.012		0	.15	
466	100-110	.010	.006		.1	.02	
467	110-120	.010	.008		.1	.02	
468	120-130	tr	.006		0	.05	
469	130-140	tr	.002		0	<.02	
470	140-150	tr	.002		0	.20	
471	150-160	tr	<.002		0	<.02	
472	160-170	.010	.046	.030	.1	.05	
473	170-180	.020	.008		.1	<.02	
474	180-190	.010	.012		.5	<.02	
475	190-200	.010	.018		0	<.02	
476	200-210	.010	.008		0	<.02	
477	210-220	.010	.008		0	<.02	
478	220-230	.010	.006		0	<.02	
479	230-240	.020	.014	.017	.2	.03	
480	240-250	.040	.022	.031	.1	<.02	
481	250-260	.050	.014	.032	0	<.02	
482	260-270	.050	.034	.042	.3	<.02	
483	270-280	.050	.042	.046	.7	<.02	
484	280-290	.100	.054	.068	.4	<.02	
485	290-300	.040	.034	.037	.4	.27	
	50'	.047					
	90'	.048	4.32				

.042

80 GLE 216

Check assays by Hun

Sample	Interval	Union Au	Hunter Au	Average	Ag	Ag	Average
164	0-10	tr	.008		0	.06 .45	
165	10-20	0	.002 .032		0	.24 .57	
166	20-30	tr	<.001		0	.10 .44	
167	30-40	0	<.001		0	.05 .34	
168	40-50	tr	.006		0	.03	
169	50-60	tr	.002		0	<.01	
170	60-70	tr	.002		0	.12	
171	70-80	tr	.002		0	.26	
172	80-90	.010	.016		0	.28	
173	90-100	tr	.004		0	.22	
174	100-110	tr	.004		0	.22	
175	110-120	tr	.002		0	.26 .30	
176	120-130	tr	.004		0	.20	
177	130-140	.010	<.001		0	.09	
178	140-150	.010	.006		0	.18	
179	150-160	.010	.006		0	.19	
180	160-170	.010	.004		0	.16	
181	170-180	.010	.004		0	.12 .36	
182	180-190	.015	.008		0	.31	
183	190-200	.010	.004		0	<.01	
184	200-210	0	.002		0	.28	
185	210-220	.010	.002		0	.16	
186	220-230	tr	.002		0	.14	
187	230-240	tr	.004		0	.26	
188	240-250	tr	.004		0	.20	
189	250-260	tr	.004		0	.14	
190	260-270	tr	.002		0	.16	
191	270-280	0	.002		0	.16	
192	280-290	0	.002		0	.22	
193	290-300	0	.002		0	.02 .40	

No ore minimum

80 GLE 217

Sample	Interval	Au Union	Au	Average	Ag Union	Ag	Average
134	0-10	tr	.002		0	.16	
135	10-20	tr	.002		0	.28	
136	20-30	tr	.002		0	.20	
137	30-40	0	.002		0	.42	
138	40-50	.020	.022	.021	0	.18	
139	50-60	.010	.008		0	.31	
140	60-70	tr	.006		0	.23	
141	70-80	.010	.028		0	.45	
142	80-90	tr	.004		0	.24	
143	90-100	tr	.002		0	.18	
144	100-110	tr	.004		.1	.40	
145	110-120	0	.004		0	.35	
146	120-130	0	.002		0	.42	
147	130-140	0	.002		0	.28	
148	140-150	0	.002		0	.30	
149	150-160	tr	.006		0	.26	
150	160-170	tr	.014		0	.20	
151	170-180	tr	.002		0	.20	
152	180-190	tr	.004		0	.28	
153	190-200	tr	.006		0	<.01	
154	200-210	tr	.004		0	.16	
155	210-220	0	.004		0	.26	
156	220-230	0	.002		0	.08	
157	230-240	0	.006		0	.53	
158	240-250	0	.002		0	.18	
159	250-260	0	.002		0	.34	
160	260-270	0	.010		0	.25	
161	270-280	tr	.002		0	.16	
162	280-290	0	.004		0	<.01	
163	290-300	0	.002		0	.14	
	10'	.021		.21			

80 GLE 218

Sample	Interval	Union Au	Au	Average	Union Ag	Ag	Average
611	0-10	.010	.024		.5	.48	
612	10-20	.050	.064	.057	.5	.56	
613	20-30	.120	.106		.3	.29	
614	30-40	.040	.048	.044	.1	.23	
615	40-50	.010	.032	.113	.1	.19	
616	50-60	.010	.016		.3	.44	
617	60-70	.020	.034	.027	.1	.31	
618	70-80	.040	.040	.040	.1	.28	
619	80-90	.020	.036	.028	.1	.16	
620	90-100	.250	.244	.247	.0	.14	
621	100-108	.015	.034	.025	.3	.09	
	80', .072		5.76				