Chapin Wash appears to be altered Chapin Wash. The lateral change of Chapin Wash into phyllite might indicate the phyllite is an altered phase of Chapin Wash.

26. NW1/4, NE1/4 Sec. 1 pit in strongly brecciated quartz. Quartz is white with local hematite on fractures, locally minor malachite. Fractures trend N25°W dip 65° NE. Trench is 25' long, 5' deep. One sample.

27. SW side of hill from 26, pit in side of hill at base of sinter. Clay alteration of basement rock with irregular quartz and hematite.

Strike N30°W dip 10° SW. One sample.

28. On ridge south of 'RAW' survey point fault zone with quartz developed in shears N45°W dip 55°SW at one spot malachite stain on quartz. Slicks developed locally. Quartz is podiform in the limestone sinter down slope there is local spots of specular hematite. #797

29. Quartz occurs as irregular pods within the limestone sinter. The quartz is black with Fe Mn Ox stain. #798

30. About 20 feet NW of top of adit at Silverfield #15, in what was thought to be basement phyllite, is a thin unit, 1' thick, of Chapin Wash conglomerate which grades into bleached altered conglomerate and phyllite. The unit

overlies sinter to north, and it may represent deposition in a trough between two sinter mounds because there is sinter to the southeast. See detail map.

31. SW of Silverfield #15, see detail map. Chapin Wash conglomerate has pebbles and boulders of local volcanics, Chapin Wash type sandstone and conglomerate, granite and locally traverline sinter.

32. SW side of Silverfield #15 hill. 3 foot thick sinter bed in Chapin Wash sediments locally becomes a calcarous sandstone, sharp contacts with overlying and underlying red sandstones. Low dipping joints strike N65^{o}W dip 20°NE, slickensides trend N10^{o}W, offset of 3 feet across some joints, top plate north.

33. See detail sketch map elevation 1,225' on Silverfield hill SE of gray shale units. A thin shaly unit occurs on a dip slope N60^{o}W dip 23°SW. Quartz pebbles(?) common. In a couple of spots, remanent red sandstone was present (Chapin Wash).

34. In saddle west of Silverfield #15, greenish gray to light gray to tan colored phyllite (was C.W.). Most bedding is contourted or destroyed. Quartz and limestone veins X-cut phyllite. Conglomerate beds evident by present of quartz pebble units. A mound of hematite stained quartz occurs in

phyllite (R3988-9). The different colored phyllites appear bedded. In overlying sinter to south, there are numerous folded laminae (soft sed. deformation).

35. SW end Silverfield #15 hill, see detail map. The sinter pile has crude bedding evident by compositional differences in calcite quartz ratios. There are beds of almost pure quartz which weather to a coarse gravel, units of quartz: calcite of 50:50. These units vary texturally from alternating laminate to limestone with irregular quartz masses a couple of inches across. Locally, there are beds of almost pure gray limestone. The quartz commonly stands out in high relief on the weathered surface.

36. See detail map. Malachite and hematite occur in breccia zones between fractures in limestone. Fractures are late and associated with shears with slickensides.

The limestones breccia unit is a massive weathered, gray limestone, on fresh surface, light gray limestone fragments up to 1 inch occur in a dark gray matrix.

37. See detailed map. Malachite occurs as to 36, in cavities at intersecting joints. Pit 6'X6'X6.

38. See detail map, west end Silverfield #15 hill, Cu and hem. mineralization occurs in breccia zones between joints. Joints are numerous and occur at all angles. Clay is

common on most points. The joints probably formed because of local minor faulting. Clay pipe in shaft plunges 53° @215°.

40. South side of small sinter mound east of RAW hill, epidote bands in fragments of gneiss float.

41. West side of hill of old Silverfield workings basement has closely spaced points N10-40°E, joint N25°E dip 70°SE have slickensides dipping 50°NE on face. Basement contact appears uplifted on south side of E-W gully.

SKYLINE LABS, INC.
SPECIALISTS IN EXPLORATION GEOCHEMISTRY
12090 WEST 50TH PLACE • WHEAT RIDGE, COLORADO 80033 • TEL.: (303) 424-7718

REPORT OF ANALYSIS

JOB NO. DCH 118
April 5, 1983

APR 7 1983

Anschutz Minerals Corporation
Attn: Bent E. Aaquist
2400 Anaconda Tower
555 17th Street
Denver, Colorado 80202

ANSCHUTZ MINERALS CORPORATION

RECEIVED
APR 6 1983

Analysis of 9 Rock Samples

ITEM	SAMPLE NO.	Au (ppm)	As (ppm)	Sb (ppm)	Hg (ppm)
1	0781	.07	10.	<2.	.02
2	0782	<.02	20.	<2.	.03
✓3	0783	2.60	25.	<2.	.06
4	0784	<.02	15.	<2.	.04
5	0785	<.02	70.	<2.	.01
6	0786	<.02	35.	2.	.02
7	0787	.03	30.	<2.	.09
8	0788	.07	15.	8.	.07
✓9	0789	9.00	5.	<2.	.02

Edwin V. Post
for Gordon H. VanSickle
Manager

SKYLINE LABS, INC.
SPECIALISTS IN EXPLORATION GEOCHEMISTRY
12090 WEST 50TH PLACE • WHEAT RIDGE, COLORADO 80033 • TEL.: (303) 424-7718

MAY 12 1983
ANSCHUTZ MINERALS CORP.

REPORT OF ANALYSIS

JOB NO. DCH 122
May 11, 1983

RECEIVED
MAY 12 1983

Anschutz Minerals Corporation
Attn: Bent E. Aaquist
2400 Anaconda Tower
555 17th Street
Denver, Colorado 80202

Analysis of 17 Rock Samples

ITEM	SAMPLE NO.	Au (ppm)	As (ppm)
1	796	<.02	<10.
2	797	.23	10.
3	798	<.02	10.
✓4	799	11.00	10.
✓5	800	6.00	10.
✓6	801	2.20	50.
7	802	<.02	<10.
8	803	<.02	<10.
9	804	<.02	<10.
10	805	<.02	20.
11	806	.13	20.
12	807	<.02	20.
13	808	<.02	50.
14	809	<.02	10.
15	810	.23	10.
16	811	.16	<10.
17	812	.06	<10.

for Gordon H. VanSickle
Manager

ANSCHUTZ MINING CORP.

Quad. _____ State ARIZONA

Co _____ Sect _____ T _____ R _____

Date _____ By BEA

Prop. Ref. SILVERFIELD

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
Stop 26
see field notes

№ 0781

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co _____ Sect _____ T _____ R _____

Date _____ By BEA

Prop. Ref. Silverfield

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
stop 27
see field notes

№ 0782

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co _____ Sect _____ T _____ R _____

Date _____ By BEA

Prop. Ref. Silverfield

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
stop 21
see field notes

№ 0783

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co. _____ Sect. _____ T _____ R _____

Date _____ By BCH

Prop. Ref. Silverfield

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:

Lou's stop 4

Cu, hem, manganese in red gouge

№ 0784

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co. _____ Sect. _____ T _____ R _____

Date _____ By BCH

Prop. Ref. Silverfield

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:

NE side of big hill west of silver workings

Cu + hem in quartz

specular hem.

№ 0785

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co. _____ Sect. _____ T _____ R _____

Date _____ By BCH

Prop. Ref. Silverfield

TYPE: (Rock) Soil Cuttings Core Seds. U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:

Lou's stop 5

gouge + breccia

№ 0786

ANALYSIS: Geochem ✓ Assay _____ S.F. _____

FOR: (Au) Ag. (As) Ba. C. Cr. Co. Cu. F.
Ga. Ge. (Hg) Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. (Sb) Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co _____ Sect _____ T _____ R _____

Date _____ By BCL

Prop. Ref. Silverfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe _____ %
Hem _____ %
Other Oxides _____ %

NOTES:
spec. hem in calcite breccia top of hill NE of Silverfield 15

№

ANALYSIS Geochem ✓ Assay _____ S.F. _____
FOR (Au) Ag. (As) Ba, C, Cr, Co,
Ga, Ge, (Hg) Pb, Li, Mg, Mn, Mo, Ni,
Pt, (Sb) Sn, Ta, Te, Ti, W.
Other

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co _____ Sect. _____ T _____ R _____

Date _____ By BCL

Prop. Ref. Silverfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES
as to 787
malachite in quartz + quartz breccia

№ 0788

ANALYSIS Geochem ✓ Assay _____ S.F. _____
(Au) Ag, (As) Ba, C, Cr, Co, Cu, F,
Ge, (Hg) Pb, Li, Mg, Mn, Mo, Ni, Nb,
(Sb) Sn, Ta, Te, Ti, W, U,

ANSCHUTZ MINING CORP.

Quad. _____ State _____

Co _____ Sect. _____ T _____ R _____

Date _____ By BCL

Prop. Ref. Silverfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
hem stained quartz, locally vuggy quartz upper adit SW side big hill SW of silver workings (?)

№ 0789

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: (Au) Ag. (As) Ba, C, Cr, Co, Cu, F,
Ga, Ge, (Hg) Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, (Sb) Sn, Ta, Te, Ti, W, U,
Other

ANSCHUTZ MINING CORP.

Quad _____ State ARIZONA

Co [illegible] Sect _____ T _____ R _____

Date 4/22/83 By [illegible]

Prop. Ref [illegible]

TYPE: Rock Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides _____ %

NOTES: stop 22A elev 1070' above wash (Ft. [illegible])
[illegible] spotted [illegible] silicified gouty

№ 0796

ANALYSIS: Geochem _____ Assay _____ SF _____
FOR: (Au) (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 4/22/83 By [illegible]

Prop. Ref Silverfield

TYPE: (Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx _____ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES: stop of gouty with malachite & iron stain. see stop 28 notes

№ 0797

ANALYSIS: Geochem ✓ Assay _____ SF _____
FOR: (Au) (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co. _____ Sect _____ T _____ R _____

Date 4/22/83 By [illegible]

Prop. Ref [illegible]

TYPE: (Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides Mn %

NOTES: chip sample [illegible] of FeOx stained gouty [illegible] [illegible] positive [illegible]
stop "27 field notes

№ 0798

ANALYSIS: Geochem _____ Assay _____ SF _____
FOR: (Au) (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date [illegible] By Beni E. Aagu[illegible]

Prop Ref [illegible]

TYPE:
Rock Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides _____ %

NOTES: [illegible] east side of [illegible] open [illegible] on [illegible] pit [illegible]

№ 0799

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au. Ag. As. Ba. C. Cr. Co. Cu. F.
Ga. Ge. Hg. Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. Sb. Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 4/28/83 By Beni E. Aa[illegible]

Prop Ref Silverfield

TYPE:
Rock Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides _____ %

NOTES: Dip samples from gossany [illegible] 70' east of "Bat cave" [illegible] 15' up
Vein [illegible] brecciated gossany [illegible] vesicular. [illegible] on breccia faces [illegible]

№ 0800

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au. Ag. As. Ba. C. Cr. Co. Cu. F.
Ga. Ge. Hg. Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. Sb. Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 11/28/83 By Beni E. Aagu[illegible]

Prop Ref Silverfield

TYPE:
Rock Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides _____ %

NOTES: [illegible] material [illegible]

№ 0801

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au. Ag. As. Ba. C. Cr. Co. Cu. F.
Ga. Ge. Hg. Pb. Li. Mg. Mn. Mo. Ni. Nb.
Pt. Sb. Sn. Ta. Te. Ti. W. U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date [illegible] By Beni E. Ad[illegible]

Prop Ref [illegible]

TYPE: Rock Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
chip samples over 5'x5' area of [illegible] silicified [illegible] [illegible] of [illegible] see detail map

D

№ 0802

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
TOT Au Ag As Ba C Cr Co Cu F
Ga Ge Hg Pb Li Mg Mn Mo Ni Nb
Pt Sb Sn Ta Te Tl W U
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect. _____ T _____ R _____

Date 4/30/83 By Beni E. Ad[illegible]

Prop Ref [illegible]

TYPE: Rock Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
red hematite stained area of basement rock. 100' W of 802 chip sample area 5'x3'.

D

№ 0803

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
TOT Au Ag As Ba C Cr Co Cu F
Ga Ge Hg Pb Li Mg Mn Mo Ni Nb
Pt Sb Sn Ta Te Tl W U
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date [illegible] By [illegible]

Prop Ref [illegible]

TYPE: Rock Soil Cuttings Core Seds.
U.G. Dump

ALT: Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
6' chip sample across [illegible] unit of [illegible] [illegible] outcrops @ [illegible] [illegible] exposed surface [illegible] appears to be [illegible] [illegible] (altered C.W?)

D

№ 0804

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
TOT Au Ag As Ba C Cr Co Cu F
Ga Ge Hg Pb Li Mg Mn Mo Ni Nb
Pt Sb Sn Ta Te Tl W U
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 4/23/83 By [illegible] Aaquist

Prop Ref Liberfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
[illegible] sample [illegible] strongly [illegible] second [illegible] below [illegible] contact. [illegible] [illegible] [illegible] Liberfield [illegible] [illegible]

D

№ 0805

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au, (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 4/23/83 By [illegible]

Prop Ref Liberfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides Cu %

NOTES:
[illegible] area 2' x 4' with abundant malachite on quartz on side of a [illegible] wound in area of phyllite [illegible] on Liberfield [illegible] [illegible] chip samples

D

№ 0806

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au, (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date [illegible] By Bert E. Aaquist

Prop Ref Liberfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
[illegible] Liberfield [illegible] chip samples [illegible] silicified phyllite [illegible] [illegible] magnetite [illegible]

Void

№ 0807

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au, (Ag) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U.
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 5/2/83 By Dent E. Asquist

Prop. Ref. Libertfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G Dump

ALT:
Prop. (Arg.) Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. ✓ %
Other Oxides _____ %

NOTES:
[illegible] 6' strongly [illegible] basement 15 below [illegible] Lapo [illegible]

№ 0808

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: Au, Ag, As, Ba, C, Cr, Co, Cu, F, Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb, Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 5/2/83 By Dent E. Asquist

Prop. Ref. Libertfield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. Silic. Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
chip sample 5' x 2' of strong FeMnOx stained basement 5' below basement outcrop just below long trench in old Libertfield workings.

№ 0809

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: (Au, Ag) As, Ba, C, Cr, Co, Cu, F, Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb, Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date [illegible] By Dent E. Asquist

Prop. Ref. [illegible]

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
[illegible]
chip sample [illegible] of [illegible] stained [illegible] [illegible] Libertfield [illegible]
[illegible]
[illegible]
[illegible]

№ 0810

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR: (Au, Ag) As, Ba, C, Cr, Co, Cu, F, Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb, Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 5/2/83 By Carl E. Anquist

Prop. Ref. Schofield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
6' chip sample across quartz zone below outcrop, N side [illegible] in the sec 5
quartz highly fractured, dominant fracture N30°W

№ 0811

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR Au, Ag, As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

ANSCHUTZ MINING CORP.

Quad _____ State _____

Co _____ Sect _____ T _____ R _____

Date 5/2/83 By [illegible]

Prop. Ref. Schofield

TYPE:
(Rock) Soil Cuttings Core Seds.
U.G. Dump

ALT:
Prop. Arg. Phy. (Silic.) Sulf. Carbonate

Total Sulph _____ %
FeOx ✓ %
Jar. _____ %
Goe. _____ %
Hem. _____ %
Other Oxides _____ %

NOTES:
4' chip sample in quartz 50' east of 811.
common fractures N10°W

№ 0812

ANALYSIS: Geochem ✓ Assay _____ S.F. _____
FOR (Au, Ag,) As, Ba, C, Cr, Co, Cu, F,
Ga, Ge, Hg, Pb, Li, Mg, Mn, Mo, Ni, Nb,
Pt, Sb, Sn, Ta, Te, Ti, W, U,
Other _____

Silverfield Joint Venture

Drill Results

Summer, 1983

ANSCHUTZ MINING CORPORATION

PROJECT: SILVERFIELD J.V. HOLE NO. SF-1

COUNTY: YAVAPAI STATE: ARIZONA DATE COMPLETED: 8-14-83 COLLAR ELEVATION: 980'

TOTAL DEPTH: LOGGED BY: E.E. ABRUIST SECTION: 6 NW 1/4 T. 10N R. 14W

HOLE DRILLED 310° AT -55°. CASING NOT PULLED

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS Au ppm	ASSAYS Ag ppm			SAMPLE NUMBER
		NO SAMPLE FIRST 10 FEET COLLARED IN PHYLLITE						
10		10'-30' PHYLLITE LIGHT GRAY		<.02	<.2			1651
		" " "						1652
20								1653
		" " "						1654
30								1655
		WHITE						1656
40		LIGHT GRAY & BROWN						1657
		REDDISH BROWN & GREEN						1658
50		LIGHT GRAY & GRAY						1659
		GRAY						1660
60		DARK GRAY						1661
		GRAY						1662
		BROWN						1663
70								

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. CF-1

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: C.A.J. SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
				<.02	<.2			1664
								1665
80		LIMESTONE, GRAY, DUST IS BROWN						1666
								1667
90								1668
		LIMESTONE, BROWNISH GRAY						1669
100								1670
								1671
110		LIMESTONE GRAY, DUST IS BROWN						1672
		, RED DUST						1673
120		" "						1674
		" "						1675
130								1676
		LIMESTONE, GRAY DUST						1677
140								

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. SF-1

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: R.F.O. SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		LIMESTONE, LAYERED RED & GREENISH GRAY.		<.02	<.2			1678
		GREENISH GRAY, SLICKS ON CHIPS.						1679
150		NONCALCAREOUS, GREEN	2-3% PY 1-2mm XLS					1680
			" " "					1681
160		AS ABOVE	1% PY					
		162-165 MINOR CAVE						1682
		AS ABOVE, BLACK	1% PY					
		169-170 LIGHT GRAY & GREEN, CALCAREOUS						1683
170		LIMESTONE, LIGHT & DARK GRAY	1% PY					1684
		LIMESTONE, WHITE						1685
180		" " , SOME LIGHT BROWN						1686
		LIMESTONE, GRAY, WHITE DUST						1687
190		LIMESTONE, GRAY TO LIGHT GRAY LIGHT GRAY DUST	1% PY, FINE					1688
		" " " "	TRACE PY					1689
200		" " " "						1690
		" " " "						1691
210								

ANSCHUTZ MINING CORPORATION

Page 4 of 5

PROJECT: HOLE NO. SF-1

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: RSA SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		LIMESTONE, DUST MOSTLY LIGHT GRAY, MINOR GREENISH GRAY & BROWNISH GRAY		<.02	<.2			1692
		LIMESTONE V. LIGHT GRAY	1% PY LOCALLY					
220		HOLE IS MAKING WATER			<.2			1693
		" " "	TRACE PY					
		SOME CAVE IN HOLE			.2			1694
		LIMESTONE, LIGHT GRAYISH BROWN & SPECULAR HEMATITE	SPEC HEM MINOR PY		.8			1695
230		#225-227 NO SAMPLE RETURN						
		" " " "			<.2			1696
		" " " "	SPEC HEM MINOR PY		.4			1697
240		LIMESTONE & GRAY NONCALCAREOUS ROCK	SPEC HEM <1%					
					<.2			1698
		" " "	SPEC HEM 1-5%					
250		MUCH MUD & WATER						1699
		LIMESTONE, BROWN	SPEC HEM ~1%					
		ONLY MINOR MUD & WATER						1700
		LIMESTONE, ORANGE						1701
260		" "	MINOR PY					
								1702
		" "						
								1703
270		SPECULAR HEMATITE, MASSIVE, HOLE CAVING	SPEC HEM		.2			1704
		" " "	MINOR PY		.2			1705
		SPECULAR HEMATITE GRADES INTO GRAY LIMESTONE			.2			1706
280								

ANSCHUTZ MINING CORPORATION

Page 3 of 3

PROJECT:
HOLE NO. SE-1
COUNTY: STATE: DATE COMPLETED: 8-14-83 COLLAR ELEVATION:
TOTAL DEPTH: LOGGED BY: B.E.A. SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		SPECULAR HEMATITE IN LIMESTONE	>1% PY SPEC HEM	<.02	.4			1707
		LIMESTONE & QUARTZ	>10% SPEC HEM					
			>2% PY, SOME IN QUARTZ		<.2			1708
290		SPECULAR HEMATITE, MASSIVE	2% PY					
		INTERVAL DRILLED DRY.			.2			1709
		SPECULAR HEMATITE & CHLORITIC QUARTZ	MINOR PY					
					<.2			1710
300		GNEISS? GREEN	SPEC HEM 10%					
			TRACE PY					1711
		GNEISS, GREEN, CHLORITIC						
								1712
310		" " "						
								1713
		" " "						
								1714
320		" " "						
								1715
325 T.D.								

ANSCHUTZ MINING CORPORATION

PROJECT: SILVERFIELD J.V. HOLE NO. S.F.-2

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 8-22-83 COLLAR ELEVATION: 98[illegible] FEET

TOTAL DEPTH: 360 FEET LOGGED BY: B.E.A. SECTION: 6 NW 1/4 T. 10N R. 14W

HOLE DRILLED 340° @ -55°, CASING PULLED

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-15' NOT SAMPLED, PHYLLITE						
10								
		LIMESTONE, GRAY						
20		LIGHT BROWNISH GRAY DUST		<.02	.2			1716
					<.2			1717
		CHLORITIC PHYLLITE, QTZ & FELDSPAR						
30		LIGHT GRAY DUST						1718
								1719
		PHYLLITE, BLUISH GRAY, CALCAREOUS						
40								1720
		QTZ, HEMATITE & CHLORITE						
		DUST LIGHT GRAY & LIGHT BROWN						1721
		HEMATITIC LIMESTONE & QTZ						
50								1722
								1723
								1724
60								
								1725
		GRAY LIMESTONE & QTZ & RED LIMESTONE						
70		LIGHT BROWNISH GRAY DUST						1726

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. S.F-2

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE		<.02	<.2			1727
		LIMESTONE, GRAY BROWN DUST			<.2			1728
80		" "			.4			1729
			MINOR: SPEC. HEM PY		<.2			1730
90		" "						
		GRAY & REDDISH GRAY DUST						1731
		SILICIFIED LST, LIGHT BROWNISH GRAY DUST						1732
100		LIMESTONE, GRAY						1733
		" "	HEMATITE TRACE PY					1734
110		" "	" "					1735
		" "	SPEC. HEM. ON FRACTURES					1736
120		" "						1737
		" "						1738
		MINOR QTZ						1739
130		LIMESTONE, GRAY & BROWN, WHITE QTZ. LIGHT BROWN DUST						1740
140		SILICIFIED LST. BRECCIA, REDDISH LIGHT BROWN DUST						

ANSCHUTZ MINING CORPORATION

PROJECT:

HOLE NO. SF-2

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS Au	ASSAYS Ag			SAMPLE NUMBER
		LIMESTONE, GRAY						
		TO 141 RED DUST		<.02	<.2			1741
		TO 145 LIGHT GRAY "						
		" "			<.2			1742
150		MOSTLY GREENISH GRAY, CALCAREOUS DUST						
					.2			1743
		MOSTLY REDDISH BROWN DUST						
					.2			1744
160		LIMESTONE, GRAY						
		1 STREAK GREEN DUST	6" MASSIVE SPEC. HEM 2-4% PY		.2			1745
		" "						
170		LOCAL [illegible] ON SLIPS.	2-3% PY LOCAL SPEC. HEM.		<.2			1746
		" "	"		<.2			1747
		LIMESTONE, LIGHT GRAY	1% PY SPEC. HEM. & PY INTERGROWTH		.4			1748
180		" " " , DARK GRAY, LIGHT BROWN	TRACE PY		<.2			1749
		" " "	1-2% PY					1750
190		" " " " " "	2-3% PY LOCAL SPEC. HEM.					1751
		" " " " " "	" " "					1752
200		LIMESTONE, BROWN	3-4% PY 6" MASSIVE SPEC. HEM. @ 204'		.2			1753
		" , LIGHT BROWN						
210		207-210 LIGHT GRAY	1-2% FINE PY		<.2			1754

ANSCHUTZ MINING CORPORATION

Page 1 of 6

PROJECT:

HOLE NO. SF-2

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS Au	ASSAYS Ag			SAMPLE NUMBER
		LIMESTONE, LIGHT GRAY, LOCAL BROWN & DARK GRAY WHITE DUST	1% FINE PY	<.02	<.2			1755
		" " " " " " "	" "					1756
220		LIMESTONE, LIGHT GRAY LIGHT BROWN DUST						1757
		" " "						1758
230		LIMESTONE, GRAY & WHITE BROWN MUD ; WATER IN HOLE						1759
		" " "						1760
240		" " "						1761
		" WHITE, WHITE DUST						1762
250		" YELLOW, DRY SAMPLE						1763
		" " WET						1764
260		" "	263-265 MASSIVE SPEC. HEM. 4% PY		.4			1765
		QTZ.-CHLORITE	SPEC. HEM. & PY TOP FOOT		<.2			1766
270		QTZ.-AMPH. OR CHLORITE & SPEC. HEM.	SPEC. HEM.		.2			1767
		AMPH-QTZ, GREEN ROCK GRAY MUD	LOCAL SPEC. HEM.		<.2			1768
280								

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. SF-2

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		AS ABOVE		<.02	<.2			1769
		" " , ABUNDANT EPIDOTE 289-290						1770
290		QTZ, AMPH ?, EPIDOTE						
		GREEN & BROWN MUD						1771
		" " "						1772
300		" " "						
		GREEN MUD, SAMPLE MOSTLY DRY						1773
		"	MINOR PY					
		308-310 FELDSPAR RICH						1774
310								
			SPEC. HEM					1775
		RED & GREEN MUD						
		" " " "	LOCALLY 50% SPEC. HEM.					1776
320								
		"	" " " 2-4% PY					1777
		" " " "	" "					
		LOCAL LIGHT GRAY CLAY WITH SPEC. HEM.						1778
330								
			" " NO PY					1779
		" " "	<1% PY					1780
340		QTZ AMPH, CHLORITE						
		GRAY MUD	MINOR SPEC. HEM. & PY					1781
		" " "						
350								1782

ANGSTROTZ MINING CORPORATION

PROJECT:

HOLE NO. SF-2

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		QTZ - CHLORITE, MINOR EPIDOTE	MINOR: SPEC. HEM. & PY	<.02	<.2			1783
360		WHITE QTZ & FELDSPAR AMPH. MINOR EPIDOTE GRAY MUD	V. MINOR SPEC. HEM.	<.02	<.2			1784
T.D.								

ANSCHUTZ MINING CORPORATION

Page 4

PROJECT: SILVERFIELD J.V. HOLE NO. SF-3

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 8-24-83 COLLAR ELEVATION: 1000

TOTAL DEPTH: 230 FEET LOGGED BY: B.S. Ongyert SECTION: 31 SE¼ SE¼ T. 11N R. 14W

HOLE DRILLED @ 230° @ -55°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-15 FEET NO SAMPLE TAKEN						
10								
		PHYLLITE, RED & GRAY MINOR QUARTZ		NA	NA			1785
20		QTZ, FELDSPAR, CHLORITE PHYLLITE, GRAY						1786
		PHYLLITE, BROWN & GRAY						1787
30		29-30 LIMESTONE, GRAY LIMESTONE, GRAY & DARK GRAY						1788
		PHYLLITE, BROWN, GREEN & GRAY CALCAREOUS						1789
40		" BLUISH GRAY QUARTZ RICH LIGHT BROWNISH DUST		<.02	<.2			1790
		BRECCIA, RED, HEMATITIC MINOR QTZ, FEL DUST DEEPER HALF GREEN LOWER						1791
50		PHYLLITE, CHLORITIC, MINOR QTZ GREEN DUST						1792
		" " "						1793
60		GNEISS, GREEN GREEN DUST		NA	NA			1794
		" " " " " WEAKLY CALCAREOUS		NA	NA			1795
70								

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. SF-3

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE		NA	NA			1796
		" "		NA	NA			1797
80		" " LIGHT GRAY DUST		NA	NA			1798
		" " GRAY DUST IS CALCAREOUS		<.02	<.2			1799
90		QTZ. FELDSPAR, CHLORITE GNEISS GREEN DUST, IRON OXIDE ON SLIPS						1800
		" " " " DUST IS CALCAREOUS						1801
100		" " " "		NA	NA			1802
		" " " "						1803
110		" " " " GREEN & RED DUST						1804
		" " " "						1805
120		" " " "						1806
		" " " "						1807
130		" " " "						1808
		" " " "						1809
140								

ANSCHUTZ MINING CORPORATION

PROJECT: HOLE NO. SF-3

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS Au	ASSAYS Ag			SAMPLE NUMBER
		AS ABOVE		NA	NA			1810
		" "						1811
150		" "						1812
		" "						1813
160		" "						1814
		" "						1815
170		" "						1816
		" "						1817
180		" "						1818
		" "		<.02	<.2			1819
190		" "						1820
		194-195 RED DUST, MINOR EPIDOTE						1821
		" "						1822
200		" "						1823
		" " , MINOR EPIDOTE						
210								

ANSCHO MINING CORPORATION

Page 4

PROJECT:

HOLE NO. SF-3

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS TO 190-195		<.02	<.2			1824
		" " " "						1825
220		" " " " SOME WATER IN HOLE	SPEC. HEM. ON SLICK SURFACES					1826
		" " "		NA	NA			1827
230		" " " "	" " "					1829
		" " " "	" "					1829
240		" " " "	" "					1830
		" "	" "					1831
		GREEN & BROWN DUST						
250		" "						1832
		" " " "						1833
260		" " QUARTZ & FELDSPAR RICH						1834
		" " " " " "						1835
270		AS TO 225-230						1836
		" " " SAMPLES WET						1837
		"						
281	T.D.							

SILVERFIELD JOINT VENTURE

DRILL RESULTS

SUMMER, 1983

Bent E. Aaquist
October, 1983

ANSCHUTZ MINING CORPORATION

Page 1 of 4

PROJECT: ILVERFIELD J.V. HOLE NO. SF-4

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 8/26/83 COLLAR ELEVATION: 1185 FEET A.S.L.

TOTAL DEPTH: 260 FEET LOGGED BY: B.E. ARQUIST SECTION: 1 (NE¼SE¼) T. 11N R. 14W

HOLE DRILLED 310° @ -50°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-15 NO SAMPLE						
		BASEMENT GNEISS						
10								
		GNEISS, BLUISH & GREENISH GRAY						
		GREEN DUST IS CALCAREOUS		NA	NA			1838
20		" " "						1839
		" "						1840
30								1841
		SOME OF GNEISS IS YELLOWISH GREEN						1842
40		" " " "						1843
								1844
50		YELLOWISH GRAY DUST						
		QUARTZ RICH, SOME IRON STAIN		<.02	<.2			1845
								1846
60								1847
		QUARTZ & FELDSPAR RICH MYLONITE GNEISS						
		DUST LIGHT GRAY, NON-CALCAREOUS		NA	NA			1848
70								

SILVERFIELD JOINT VENTURE
Summer - 1983 Drilling

Summary:

Five of seven areas proposed for drilling were drilled to test the down dip potential of surface gold and silver showings. Although root zones were encountered in two areas, they had no economic mineralization. Because of these discouraging results, further work is not recommended on the property. However, the basic ideas for mineralization at Silverfield appear to be correct and they could be used for exploration elsehwere in the Rawhide Mountains.

Introduction:

The purpose of this drill program was to test the gold and silver potential under mineralized silica-travertine hot-spring deposits, Plate I. Because of unanticipated high costs for road and drill site construction, only five out of seven areas were drilled.

Work:

Road and drill site construction started on August 5, 1983, with a HD-21 dozer and a 988 loader from Custom Dozing and Ripping from Parker, Arizona. The drill arrived at Silverfield in the afternoon of August 8. Drilling started on August 10, and the last hole was completed on September 10. Drilling was done by Boyles Brothers Drilling from Phoenix, Arizona using a Longyear 44 drill with a down hole hammer and reverse circulation. Hole size was 4½ inches. All holes were sampled at five foot intervals. All potentially mineralized samples and adjacent barren samples were sent to Skyline Labs in Tucson, Arizona for Au and Ag analyses. All cuttings were collected and logged by myself at the drill. A descriptive log of all holes with sample intervals and assays is in Appendix I. A copy of the assay results as reported by Skyline Labs is in Appendix II.

Two areas not drilled as per the original proposal were Areas III and VI. These areas were dropped because of high additional expense to repair existing access roads and drill sites. Based on the results of the drilling in the other areas, and the nature of the mineralization in Areas III and VI, the potential for significant mineralization in these two areas is no better than the areas drilled.

Discussion of Results:

The areas are best discussed in the order in which they were drilled.

Area II

Drilled holes SF-1 and SF-2 were drilled to undercut gold showing on surface, see cross-sections, Plates II and III and surface sketch of Area II, Figure 2. The silica-travertine pile was thicker than had been anticipated and it was interbedded with phyllitic units with probably represent units of mud produced by hot-spring activity. The presence of zones of massive specular hematite with local pyrite indicates a farvorable host for gold and silver; however, only trace amounts of silver were obtained, see logs. It appears that gold values are as discontinuous at depth as they are on surface in this hot-springs pile.

ANSCHUTZ MINING CORPORATION

PROJECT: ILVERFIELD J.V. HOLE NO. SF-4

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		AS ABOVE		NA	NA			1849
80		MYLONITE GNEISS, YELLOW & GREEN LIGHT HEMATITE STAINED SLICKS SOME BROWN FELDSPAR RICH PARTS						1850
		" " " "	SOME SPECULUM ON FRACTURES					1851
		" " " "	" " "					1852
90		MYLONITE GNEISS, BLUE & GREENISH GRAY QUCT BLUE & GREENISH GRAY, CALCAREOUS						1853
100		SOME WHITE QTZ & FELDSPAR						1854
		" " "						1855
110		AS ABOVE	LIGHT GREEN EPIDOTE? IN FRACTURES					1856
		AS ABOVE	"					1857
		AS TO SAMPLE 1823						1858
120		AS ABOVE						1859
		AS ABOVE						1860
130		MYLONITE GNEISS YELLOWISH GREEN YELLOW GRAY QUCT, MIXT-CALCAREOUS						1861
		AS ABOVE						1862
140								

Area V

Drill hole SF-3, Plate IV was drilled to undercut old workings in malachite stained quartz. The hole started off in soft phyllite and graded into a soft mylonite gneiss. No vent or vein system was intersected in the hole. If a vent system exists it is probably north of this area.

Areas VII

Drill holes SF-4 and 5 were drilled to undercut a trench and pits in a multibrecciated silicified travertine deposit. Malachite is common and silver values up to 74 oz/ton have been obtained in samples from the trench, see Appendix III. Although some pyrite was encountered, with apparent vein quartz, in the underlying mylonite, only a trace of silver was encountered. High gold and silver values were encountered in travertine (limestone) section at the top of hole SF-5, see log. This mineralization is probably just a pocket and does not represent any significant tonnage. As in Area II, the holes were drilled to test for a mineralized vein system under the travertine, Plates V and VI.

Area IV

Drill hole SF-6, Plate VII, was drilled to test the down dip potential of quartz bearing phyllite as well as test for a mineralized vein system in the basement mylonite. The top of the hole was in a fault, see log. Although some pyrite and iron oxide was encountered in phyllite and in quartz in the mylonite, no gold or silver values were obtained.

Area I - Silverfield #15

Drill holes SF-7 through 10 were drilled to test the thickness and down dip potential of gold mineralization exposed in trenches at Silverfield #15, see Figure 3 and 4 and Plates VIII through XI. Although gold was encountered in all four holes, see logs, the grades are not high enough to be economic, and there is not good continuity over short distances. The drill holes were spotted at the southern end of the exposed phyllite unit because it was thought that there might be a hot-spring vent in that area, underneath the phyllite. A vent was not found. Drill Hole SF-9 was drilled to the west to intersect the north-south fault with the idea that the fault might have been a channelway for hot-spring solutions. From 205 to 230 feet in SF-9, a possible fault and some altered material was encountered with iron oxides, but no gold or silver values.

Conclusions and Recommendations

The results of the drilling are discouraging because no highgrade vein systems were encountered under the existing gold and silver showings. Such a system may exist on the property but the possibility is low.

Further work is not recommended on the property. However, the knowledge gained from the exploration would be useful for exploration and evaluation of other mineral showings in the Rawhide Mountains.

ANSCHUTZ MINING CORPORATION

Page 3 of 7

PROJECT: HOLE NO. SF-4

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE SOME GREEN MYLONITE	IRON STAIN ON FRACTURES	NA	NA			1863
		MYLONITE GNEISS, GREEN GREEN DUST CALCAREOUS						1864
150		AS ABOVE DUST IS NOT CALCAREOUS						1865
		AS ABOVE		<.02	.4			1866
160		MOSTLY GREEN MYLONITE GNEISS, DUST IS NOT CALCAREOUS	WEAKLY IRON STAINED FRACTURE		<.2			1867
		AS ABOVE, SOME QUARTZ	TRACE PY					1868
170		AS ABOVE	NO PY					1869
		MYLONITE GNEISS, YELLOW & GREEN MINOR QTZ, GRAY & BROWN DUST	IRON STAINED FRACTURES					1870
180		QTZ & MYLONITE MINOR ROSE QUARTZ BROWN DUST, NON-CALCAREOUS	MODERATE IRON STAIN, SOME PY & POSSIBLE OTHER SULPHIDES					1871
		AS ABOVE DUST MOSTLY GRAY	LESS SULPHIDES					1872
190		MYLONITE GNEISS GREEN, DUST GREENISH GRAY 20% ROSE QUARTZ	MINOR PY IN QTZ					1873
		AS ABOVE MORE QTZ (VERY HARD DRILLING)						1874
200		AS ABOVE	TRACE PY IN QTZ OR FeOx AFTER PY					1875
		AS ABOVE, SOME ROSE QTZ APPEARS, ALMOST CONFORMABLE WITH MYLONITE	SOME BLACK SULPHIDE GRAINS IN QTZ					1876
210								

Figure 1	Location Map
Figure 2	Detail of Area II
Figure 3	Silverfield #15 Brunton and Tape Survey
Figure 4	Silverfield #15 Detail Sampling
Appendix I	Drill Hole Logs, SF-1 to SF-10
Appendix II	Analytical Results, Drill Hole Samples
Appendix III	Analytical Results, Surface Samples, Nerco Minerals Company
Plate I	Geology & Drill Hole Location Map
Plate II	Cross Section Drill Hole SF-1
Plate III	" " " " SF-2
Plate IV	" " " " SF-3
Plate V	" " " " SF-4
Plate VI	" " " " SF-5
Plate VII	" " " " SF-6
Plate VIII	" " " " SF-7 and SF-8
Plate IX	" " " " SF-8 and SF-9
Plate X	" " " " SF-10
Plate XI	Geology of Silverfield #15 Hill With Drill Holes SF-7 to SF-10

ANSCH MINING CORPORATION

Page 5 of 4

PROJECT:

HOLE NO. SF-4

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		MYLONITE GNEISS, BLUISH GRAY GREENISH GRAY DUST, NON-CALCAREOUS. ABOUT 10% QTZ		<.02	<.2			1877
		AS ABOVE						
		MYLONITE GNEISS YELLOW & GREEN, LIGHT BROWN						1878
220		MYLONITE, GREEN WITH SOME WHITE QTZ GREENISH GRAY DUST						1879
		AS ABOVE						
								1880
230		AS TO TOP OF HOLE						
								1881
		AS ABOVE WITH BROWN FELDSPAR LIGHT BROWN DUST						
								1882
240		MYLONITE WITH WHITE & ROSE QTZ	MINOR IRON STAIN ON FRACTURES V. MINOR PY					
								1883
		AS ABOVE	NO PY, SOME BLACK SUBMETALLIC GRAINS IN QTZ FRACTURES. HEMATITE? IN QTZ.					1884
250		AS ABOVE						
								1885
		MYLONITE GNEISS, YELLOWISH GREEN GREENISH GRAY DUST						
								1886
260 T.D.								

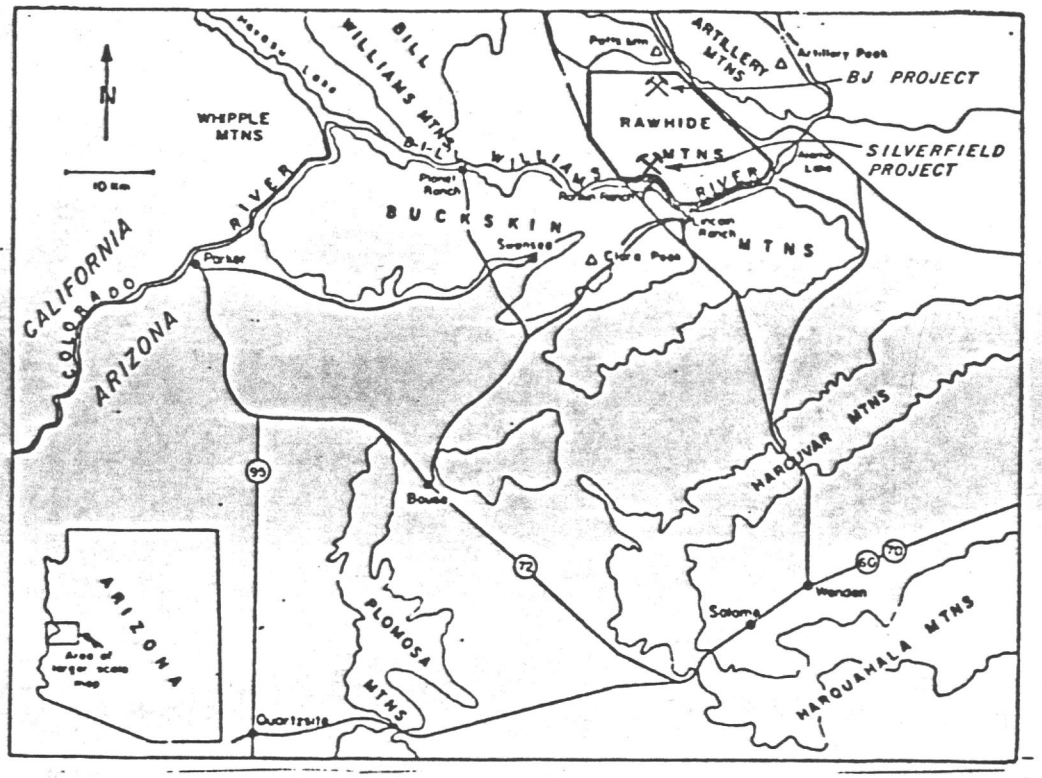


Figure 1.

The Silverfield project is located at the south end of the Rawhide Mountains, just north of the Bill Williams River. The Bill Williams River is the south boundary of Mohave County, and the north boundary of La Paz, County.

ANSCHUTZ MINING CORPORATION

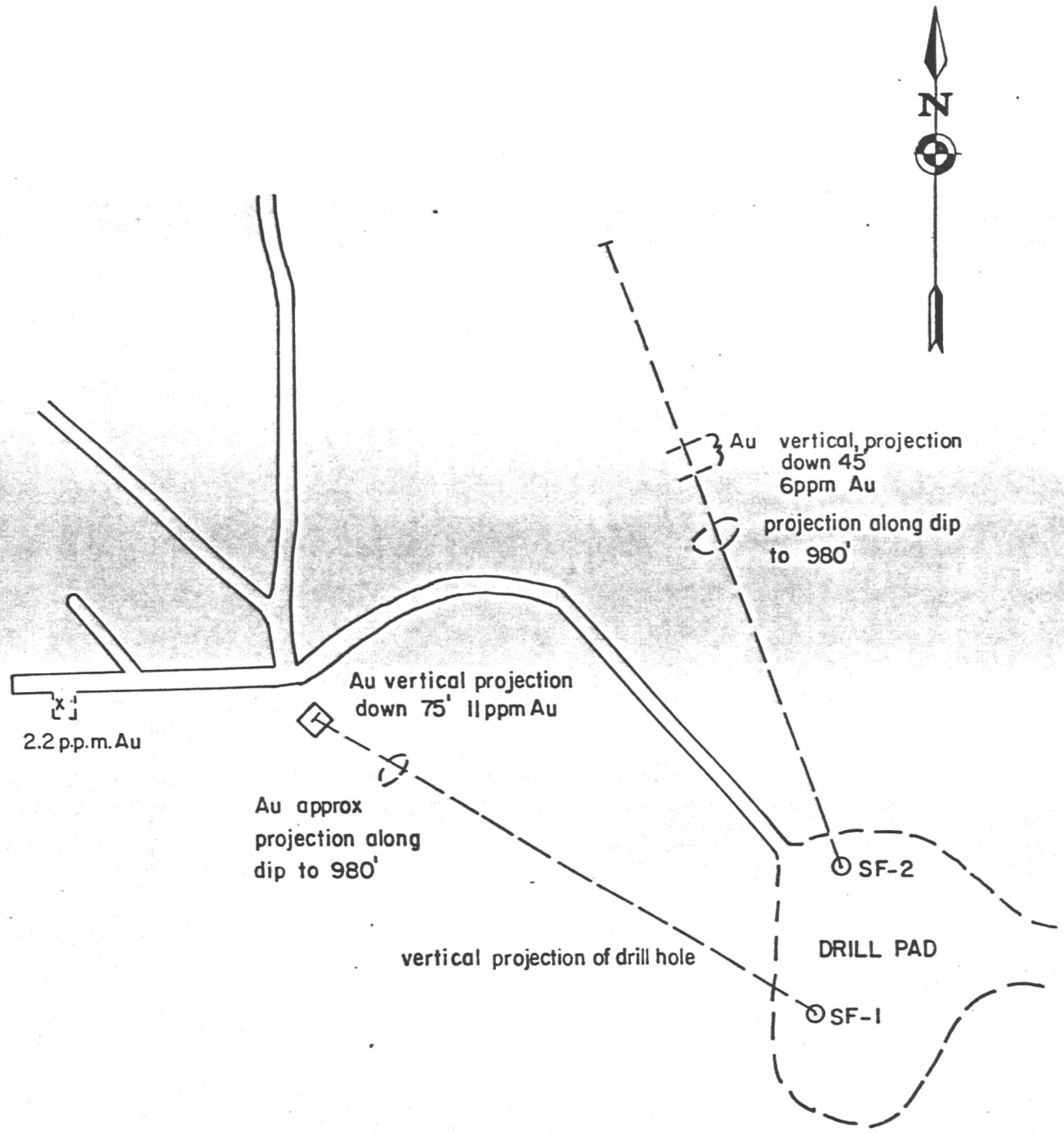
PROJECT: SILVERFIELD J.V. HOLE NO. SF-5

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 8-31-83 COLLAR ELEVATION: 1200

TOTAL DEPTH: 300' LOGGED BY: B.B. Ingersol SECTION: 31 W½ NE¼ SE¼ T. 11N R. 14W

HOLE DRILLED @ 215 @ -50°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		0-10' NO SAMPLE						
10		LIMESTONE, GRAY; BROWNISH GRAY DUST	1% MALACHITE	>10. / .545 oz/t	200 / 8.44 oz/t			1883
		AS ABOVE	<1% Cu MINERALS MINOR FeOx & SOME QTZ	.39	22			1888
20		AS ABOVE GRADING INTO GREEN MYLONITE		<.02	55 / 2 oz/t			1889
		FIRST ½ AS ABOVE, SECOND ½ BROWN MYLONITE SOME QTZ MICROFRACTURES.	SECOND ½ HEM. POSSIBLE AFTER PY		30			1890
30		CONTINUE OF ABOVE			14			1891
		AS TO SAMPLE 1890 BROWN FORT LOCALLY BLEACHED WITH BLACK SPOTS	LOCAL BLEACHING		1.4			1892
40		MYLONITE GREEN GREEN DUST	FeOx ON FRACTURES		7.2			1893
		AS ABOVE BUT MORE SILICEOUS TRACER			8.0			1894
50		AS TO SAMPLE 1895 LOCAL QTZ MICROVEINLETS			3.0			1895
		MYLONITE QUARTZOFELDSPATHIC, GREEN, V.F.G. NOT MUCH DUST			.2			1896
60		AS ABOVE	MICROFRACTURED TRACE PY IN FRACTURES, & BLACK OXIDE		<.2			1897
		AS ABOVE ALTERNATE HARD & SOFT DRILLING	NO VISIBLE SULPHIDES		<.2			1898
70								



0 50' 100'

BAT CAVE
HORIZONTAL PLANE
AT 980' ELEVATION

FIGURE 2

B.E.A. SEPT. 1983 K.M.L.

ANSCHUTZ MINING CORPORATION

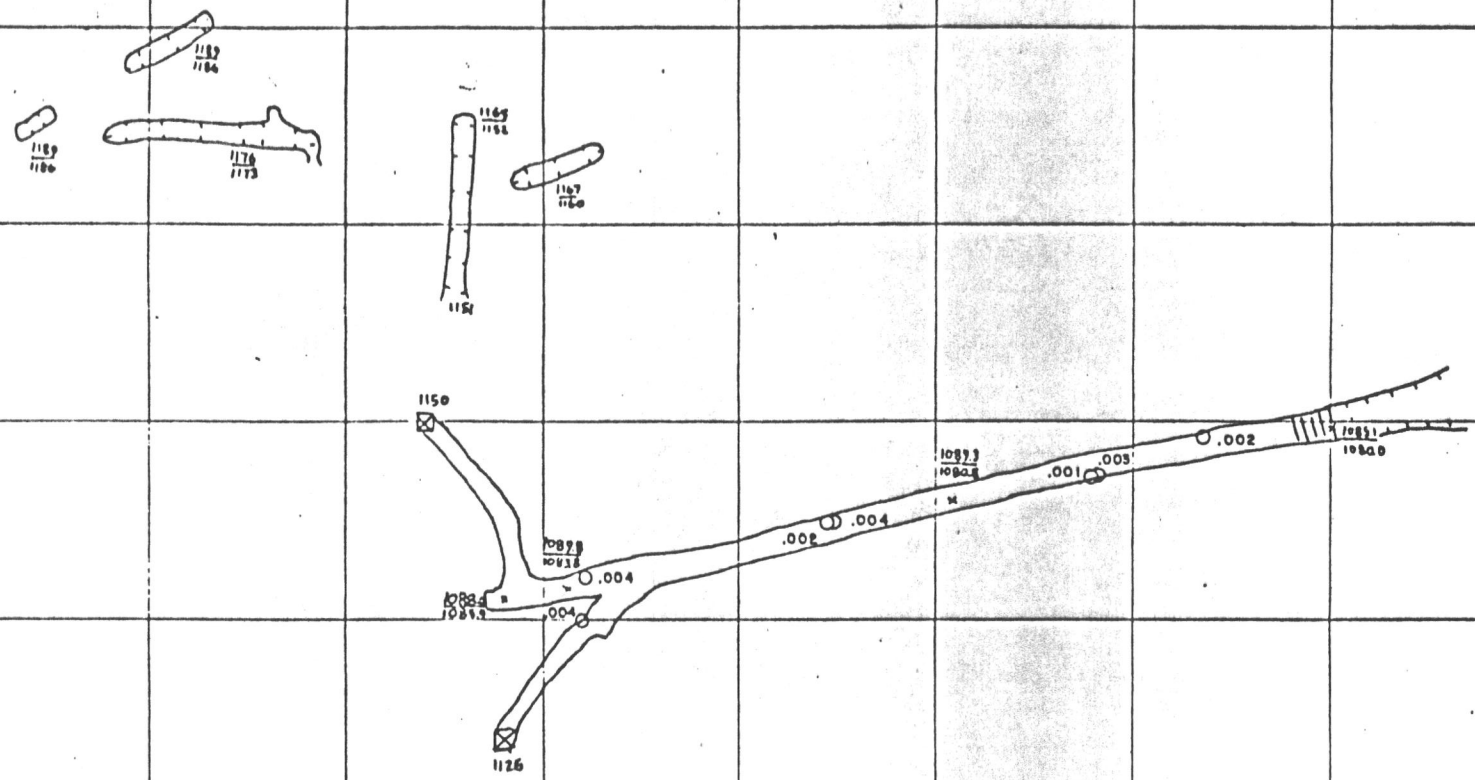
Page [illegible]

PROJECT: [illegible] HOLE NO. SF-5

COUNTY: [illegible] STATE: DATE COMPLETED: COLLAR ELEVATION: [illegible]

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS PPM Au	ASSAYS PPM Ag			SAMPLE NUMBER
		[illegible] ABOVE		<.02	<.2			1899
		[illegible] ABOVE [illegible] MARBLY YELLOWISH SATIN	TRACE EPIDOTE IN FRACTURES					1900
30		[illegible] ABOVE [illegible] MINOR BOSE QTZ	MINOR PY [illegible] MINERALIZED					1901
		[illegible] FOR ROSE [illegible] QTZ [illegible] BLACK [illegible] & SOME [illegible] IRREGULAR FOREY [illegible] [illegible] GREEN QTZ [illegible]	2% PY IN [illegible] QTZ		.6			1902
50		[illegible] ABOVE [illegible] NO [illegible] QTZ			<.2			1903
		[illegible] QTZ & [illegible] [illegible] [illegible]	TRACE PY					1904
70		[illegible]	[illegible] 2% PY IN RED QTZ MINOR PY IN REST					1905
		[illegible] ABOVE						1906
110		[illegible] ABOVE [illegible] BROWN DYE [illegible]	PY					1907
		[illegible] QTZ & QTZ [illegible] [illegible] [illegible] [illegible]	TRACE PY IN QTZ					1908
130		QTZ [illegible] MINOR RED	~1% PY [illegible] FRACTURE SOME RED DOTS					[illegible]
		[illegible] & RED QTZ 50%	FeOx & TRACE PY IN RED QTZ					1910
150		[illegible] ABOVE						[illegible]
		[illegible] ABOVE BOT 25% RED QTZ						[illegible]
170								



○ .004
SAMPLE LOCATION
Au oz/ton

1088.0 / 1085.9
SURVEY LOCATION
top & bottom elevations
in feet

N

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CORPORATION

SILVERFIELD #15
Brunton & Tape
Survey

1" = 50' 3/21/82

Figure 3

ANSCHUTZ MINING CORPORATION

Page

PROJECT: HOLE NO.

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
				<.02	<.2			
								1915
								1918

SILVERFIELD JOINT VENTURE

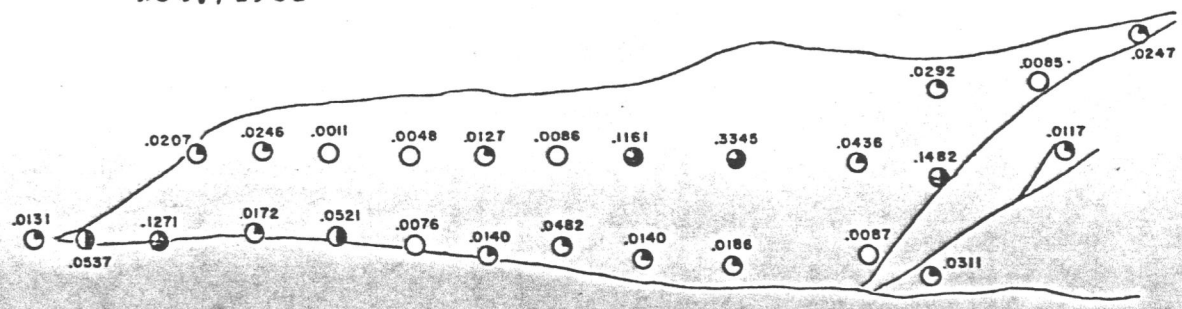
DRILL RESULTS

SUMMER, 1983

Bent E. Aaquist
October, 1983

Silverfield #15

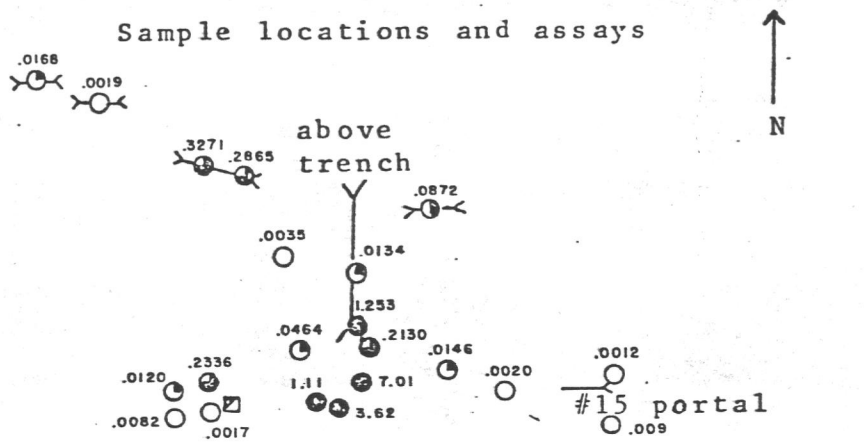
Main Trench
Sample locations and assays
Dec./1981



length of trench 65 feet

Surface Sketch

Sample locations and assays



(not to scale)

Explanation

- >0.5 oz/T Au
- 0.1 to 0.5
- 0.05 to 0.1
- 0.01 to 0.05
- <0.01 oz/T Au

Actual gold values in oz/ton are noted by the sample location.

Figure 4

ANSCHUTZ MINING CORPORATION

Page [illegible]

PROJECT: HOLE NO. [illegible]

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE		<.02	<.2			1727
		AS ABOVE						1[illegible]
[illegible]		AS ABOVE MINOR QTZ & [illegible] QTZ LIGHT GREY DUST	MINOR PY					1[illegible]
		AS ABOVE NO [illegible] QTZ, GREENISH GREY DUST	MINOR PY					17[illegible]
[illegible]		AS ABOVE	" "					1731
		AS ABOVE	" "					1732
[illegible]		[illegible] YELLOWISH GREEN IN LOWER ½ LIGHT GREY DUST	MORE REL FeOx ~1% PY IN QTZ & HYLONITE					1[illegible]
		RED QTZ 60% AT TOP DECREASE TO 10% HYLONITE, GREENISH GREY DUST " "	2-4% PY AT TOP DECREASE TO 1%					1[illegible]
250		50% QTZ MOSTLY WHITE MINOR RED 50% GREEN HYLONITE LIGHT GREY DUST	TRACE PY					1[illegible]
		MOSTLY QTZ SOME RED LIGHT GREY DUST	1-2% COMMON ~1% PY					1[illegible]
[illegible]		[illegible] AS ABOVE [illegible] [illegible]	MINOR PY & DARK BLACK METALLIC [illegible]					[illegible]
		CLEAR QTZ & MINOR GREEN HYLONITE LIGHT GREY DUST	TRACE PY					[illegible]
270		AS ABOVE	NO VISIBLE PY					17[illegible]
		CLEAR QTZ WITH LIGHT YELLOWISH GREEN MATERIAL IN FRACTURES LIGHT GREY DUST	FeOx COATING ON SOME FRACTURES					[illegible]
280								

SILVERFIELD JOINT VENTURE
Summer - 1983 Drilling

Summary:

Five of seven areas proposed for drilling were drilled to test the down dip potential of surface gold and silver showings. Although root zones were encountered in two areas, they had no economic mineralization. Because of these discouraging results, further work is not recommended on the property. However, the basic ideas for mineralization at Silverfield appear to be correct and they could be used for exploration elsehwere in the Rawhide Mountains.

Introduction:

The purpose of this drill program was to test the gold and silver potential under mineralized silica-travertine hot-spring deposits, Plate I. Because of unanticipated high costs for road and drill site construction, only five out of seven areas were drilled.

Work:

Road and drill site construction started on August 5, 1983, with a HD-21 dozer and a 988 loader from Custom Dozing and Ripping from Parker, Arizona. The drill arrived at Silverfield in the afternoon of August 8. Drilling started on August 10, and the last hole was completed on September 10. Drilling was done by Boyles Brothers Drilling from Phoenix, Arizona using a Longyear 44 drill with a down hole hammer and reverse circulation. Hole size was 4½ inches. All holes were sampled at five foot intervals. All potentially mineralized samples and adjacent barren samples were sent to Skyline Labs in Tucson, Arizona for Au and Ag analyses. All cuttings were collected and logged by myself at the drill. A descriptive log of all holes with sample intervals and assays is in Appendix I. A copy of the assay results as reported by Skyline Labs is in Appendix II.

Two areas not drilled as per the original proposal were Areas III and VI. These areas were dropped because of high additional expense to repair existing access roads and drill sites. Based on the results of the drilling in the other areas, and the nature of the mineralization in Areas III and VI, the potential for significant mineralization in these two areas is no better than the areas drilled.

Discussion of Results:

The areas are best discussed in the order in which they were drilled.

Area II

Drilled holes SF-1 and SF-2 were drilled to undercut gold showing on surface, see cross-sections, Plates II and III and surface sketch of Area II, Figure 2. The silica-travertine pile was thicker than had been anticipated and it was interbedded with phyllitic units with probably represent units of mud produced by hot-spring activity. The presence of zones of massive specular hematite with local pyrite indicates a farvorable host for gold and silver; however, only trace amounts of silver were obtained, see logs. It appears that gold values are as discontinuous at depth as they are on surface in this hot-springs pile.

APPENDIX I
DRILL HOLE LOGS
SF-1 TO SF-10

ANSCHUTZ MINING CORPORATION

Page [illegible]

PROJECT: [illegible] HOLE NO. SF-5

COUNTY: [illegible] STATE: DATE COMPLETED: COLLAR ELEVATION: [illegible]

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE	TRACE PYRITE	<.02	<.2			1941
		AS ABOVE	TRACE PY					1942
290		AS ABOVE [illegible]						1943
		[illegible] GRADING INTO [illegible]						1944
300 T.D.								

Area V

Drill hole SF-3, Plate IV was drilled to undercut old workings in malachite stained quartz. The hole started off in soft phyllite and graded into a soft mylonite gneiss. No vent or vein system was intersected in the hole. If a vent system exists it is probably north of this area.

Areas VII

Drill holes SF-4 and 5 were drilled to undercut a trench and pits in a multibrecciated silicified travertine deposit. Malachite is common and silver values up to 74 oz/ton have been obtained in samples from the trench, see Appendix III. Although some pyrite was encountered, with apparent vein quartz, in the underlying mylonite, only a trace of silver was encountered. High gold and silver values were encountered in travertine (limestone) section at the top of hole SF-5, see log. This mineralization is probably just a pocket and does not represent any significant tonnage. As in Area II, the holes were drilled to test for a mineralized vein system under the travertine, Plates V and VI.

Area IV

Drill hole SF-6, Plate VII, was drilled to test the down dip potential of quartz bearing phyllite as well as test for a mineralized vein system in the basement mylonite. The top of the hole was in a fault, see log. Although some pyrite and iron oxide was encountered in phyllite and in quartz in the mylonite, no gold or silver values were obtained.

Area I - Silverfield #15

Drill holes SF-7 through 10 were drilled to test the thickness and down dip potential of gold mineralization exposed in trenches at Silverfield #15, see Figure 3 and 4 and Plates VIII through XI. Although gold was encountered in all four holes, see logs, the grades are not high enough to be economic, and there is not good continuity over short distances. The drill holes were spotted at the southern end of the exposed phyllite unit because it was thought that there might be a hot-spring vent in that area, underneath the phyllite. A vent was not found. Drill Hole SF-9 was drilled to the west to intersect the north-south fault with the idea that the fault might have been a channelway for hot-spring solutions. From 205 to 230 feet in SF-9, a possible fault and some altered material was encountered with iron oxides, but no gold or silver values.

Conclusions and Recommendations

The results of the drilling are discouraging because no highgrade vein systems were encountered under the existing gold and silver showings. Such a system may exist on the property but the possibility is low.

Further work is not recommended on the property. However, the knowledge gained from the exploration would be useful for exploration and evaluation of other mineral showings in the Rawhide Mountains.

ANSCHUTZ MINING CORPORATION

Page 1 of 5

PROJECT: SILVERFIELD J.V. HOLE NO. SF-6

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 9-02-83 COLLAR ELEVATION: 1120'

TOTAL DEPTH: 175 LOGGED BY: [illegible] SECTION: 31 T. [illegible] R. (4W)

HOLE DRILLED @ 340° @ -60°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS PPM Au	Ag			SAMPLE NUMBER
		NO SAMPLE RETURN 0-15'						
10								
		MOSTLY GRAVEL MIXED LITHOLOGY		NA	NA			1945
20		AS ABOVE						
		LAST FOOT MOSTLY BROWN DUST						1946
		GRAY LST, CLEAR QTZ & v.f.g. GREENISH +/OR BLUISH GRAY CHLORITIC MATERIAL LIGHT BROWN DUST						1947
30		MYLONITE V. COARSE FRAGMENTS, GREEN BROWN CALCAREOUS DUST						1948
		BROWN CALCAREOUS DUST, ALMOST NO ROCK CHIPS RETURN 15% OF NORMAL						1949
40		AS ABOVE						1950
		QTZ & DUST, SOME IS RED DUE TO HEM. 15% OF NORMAL RETURN						1951
50		CHLORITE FRAGMENTS, LIGHT BROWN DUST 10% OF NORMAL RETURN						1952
		AS ABOVE						1953
60		QTZ-CHLORITE BRECCIA BROWNISH GRAY DUST NORMAL RETURN	FeO_x COATINGS 1-2%, SOME AFTER PY.	<.02	<.2			1954
		AS ABOVE		<.02	<.2			[illegible]
70								

Figure 1	Location Map
Figure 2	Detail of Area II
Figure 3	Silverfield #15 Brunton and Tape Survey
Figure 4	Silverfield #15 Detail Sampling
Appendix I	Drill Hole Logs, SF-1 to SF-10
Appendix II	Analytical Results, Drill Hole Samples
Appendix III	Analytical Results, Surface Samples, Nerco Minerals Company
Plate I	Geology & Drill Hole Location Map
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Plate III	" " " " SF-2
Plate IV	" " " " SF-3
Plate V	" " " " SF-4
Plate VI	" " " " SF-5
Plate VII	" " " " SF-6
Plate VIII	" " " " SF-7 and SF-8
Plate IX	" " " " SF-8 and SF-9
Plate X	" " " " SF-10
Plate XI	Geology of Silverfield #15 Hill With Drill Holes SF-7 to SF-10

ANSCHUTZ MINING CORPORATION

PROJECT:
HOLE NO. SF-6
COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:
TOTAL DEPTH: LOGGED BY: SECTION: 31 T. 11N R. 14W

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		AS ABOVE	2% FeOx, SOME AFTER PY	<.02	<.2			1956
		AS ABOVE						1957
80		AS ABOVE	1% FeOx					1958
		AS ABOVE GRAY DUST	1-2% FeOx MINOR PY					1959
90		MOSTLY CHLORITE, MINOR QTZ, LARGE FRAGMENTS LOCALLY. GREENISH GRAY DUST	FeOx ON FRACTURE					1960
		MYLONITE - QTZ, CHLORITE, LOCALLY BRECCIATED GREEN DUST	1% SPEC. HEM.	NA	NA			1961
100		AS ABOVE						1962
		MYLONITE YELLOW-GREEN, MINOR QTZ DRY MINOR DUST	FeOx ON FRACTURES					1963
110		AS ABOVE						1964
		MYLONITE QTZ-FELDSPAR-CHLORITE LIGHT GRAY DUST	MINOR FeOx ON FRACTURES.					1965
120		AS ABOVE						1966
		QTZ MYLONITE AS ABOVE	TRACE PY & SPEC. HEM.					1967
130		AS ABOVE GREEN DUST						1968
		MYLONITE QTZ-CHLORITE, BLUISH GREEN GREENISH GRAY DUST						1969
140								

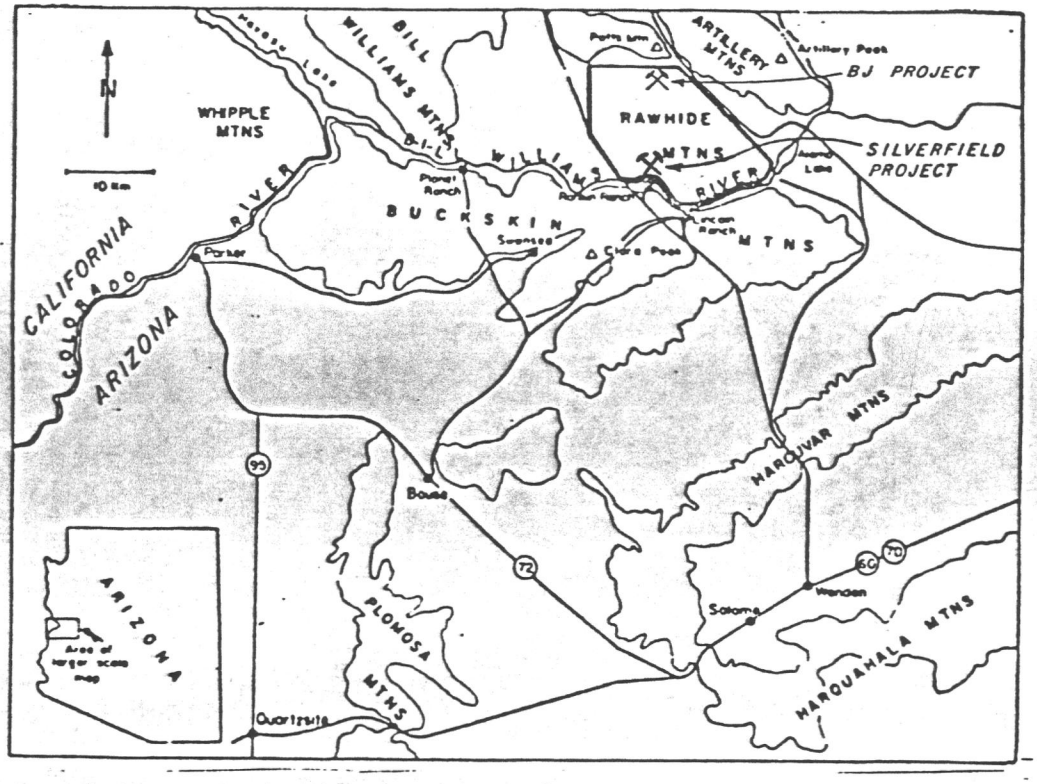


Figure 1.

The Silverfield project is located at the south end of the Rawhide Mountains, just north of the Bill Williams River. The Bill Williams River is the south boundary of Mohave County, and the north boundary of La Paz, County.

ANSCHUTZ MINING CORPORATION

Page 3 of 3

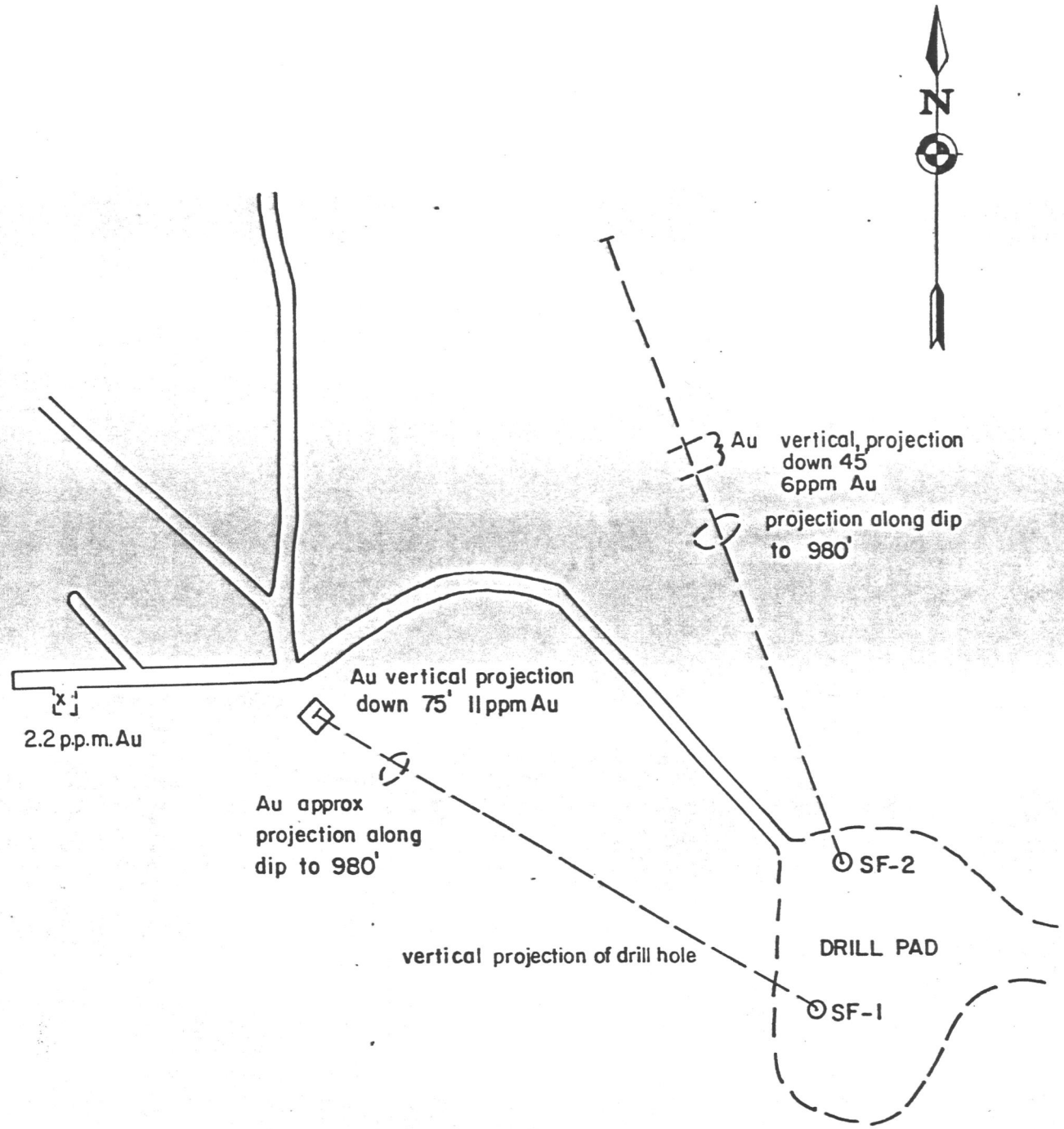
PROJECT:

HOLE NO. SF-6

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS FPM Au	Ag			SAMPLE NUMBER
		AS ABOVE BUT CHLORITE CONTENT VARIES LOCALLY GRAY DUST		<.02	<.2			1970
		MOSTLY QTZ, MINOR MYLONITE LIGHT GRAY DUST	TRACE PY IN QTZ SOME FINE BLACK GRAINS IN QTZ.					1971
150		AS ABOVE						1972
		FIRST ½ MYLONITE AS TO # 1969 SECOND ½ QTZ AS ABOVE						1973
160		QTZ & QTZ MYLONITE AS ABOVE LIGHT GRAY DUST	MINOR FeOx & POSSIBLE PY					1974
		AS ABOVE, GRADES INTO CHLORITIC QTZ MYLONITE IN LAST FOOT.		NA	NA			1975
170		CHLORITIC QTZ MYLONITE SPERRYISH GRAY DUST		NA	NA			1976
175 T.D.								



0 50' 100'

BAT CAVE
HORIZONTAL PLANE
AT 980' ELEVATION

FIGURE 2

B.E.A. SEPT. 1983 K.M.L.

ANSCHUTZ MINING CORPORATION

Page 2

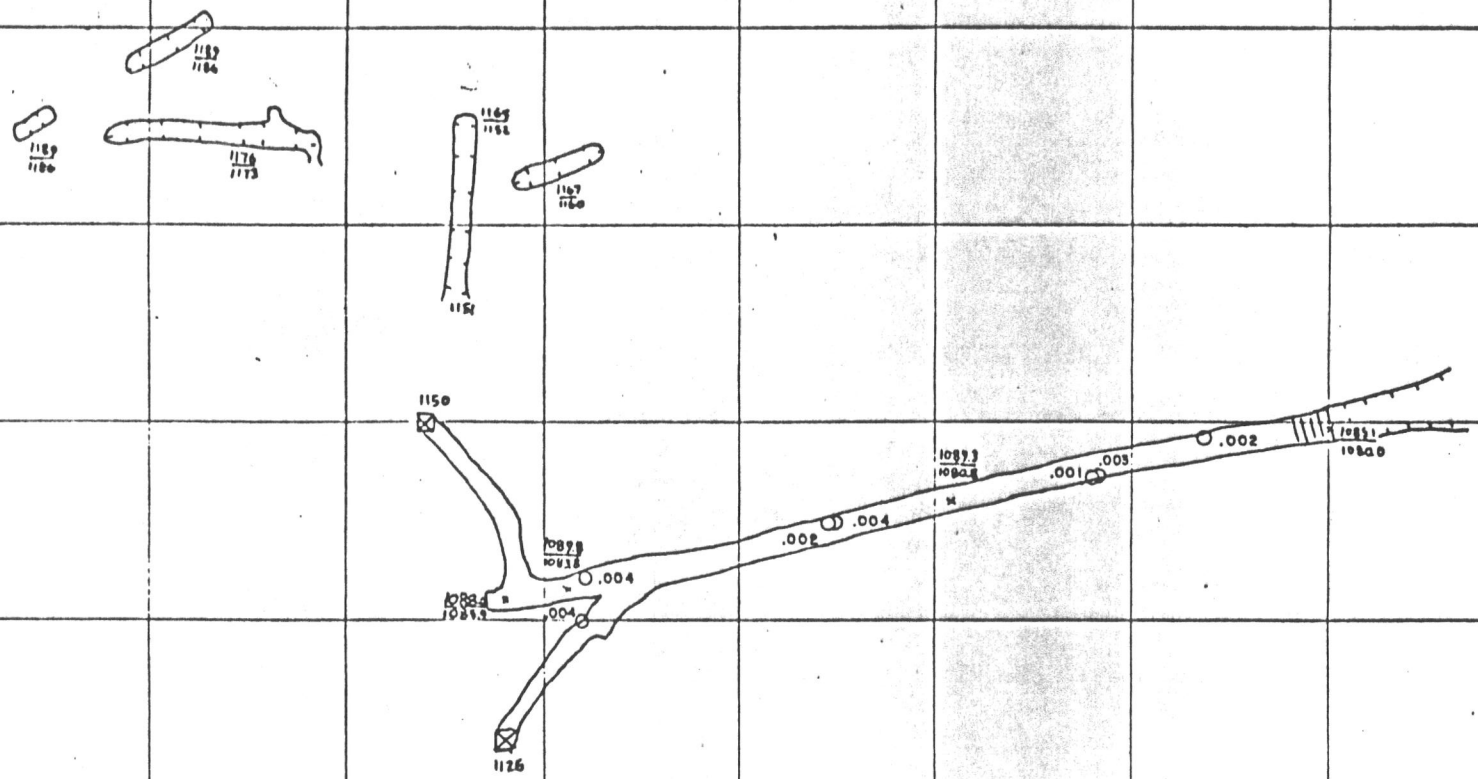
PROJECT: SILVERFIELD J.V. HOLE NO. SF-7

COUNTY: MOHAVE STATE: ARIZONA DATE COMPLETED: 9-7-83 COLLAR ELEVATION: 1120'

TOTAL DEPTH: 37' LOGGED BY: E.C. Dupont SECTION: 32 T. 11N R. 14W

HOLE DRILLED @ 345° @ -50°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-10' NO SAMPLE						
10		QTZ - WHITE, SERICITE LOCALLY REDDISH BROWN DUST	HEMATITE COMMON	.14	NA			[illegible]
		AS ABOVE	"	.12				[illegible]
20		AS ABOVE	RED & YELLOW IRON OXIDE	.48				1979
		AS ABOVE	" "	2.6				1980
30		1 FOOT AS ABOVE, REST IS GRAY LST BROWNISH GRAY DUST.		.88				1981
		LIMESTONE AS ABOVE		<.02				1982
40		SILICEOUS LIMESTONE GRAY WITH VEINLETS OF RED QTZ, BROWNISH GRAY DUST SMALLER DRILLING THAN ABOVE.	LOCAL SPEC HEM					1983
		AS ABOVE						1984
50		AS ABOVE SPLITS INTO QTZ IN LAST FOOT						1985
		50% QTZ, 50% LST AS ABOVE. GRAY BROWN DUST	LOCAL SPEC. HEM IN QTZ.					1986
		LST & SILICEOUS LST AS ABOVE DUST GRAY, BROWN IN LAST FOOT						1987
60		LIMESTONE, GRAY & RED, MINOR QTZ GRAY & LIGHT BROWN DUST						[illegible]
		AS ABOVE	LOCAL MINOR SPEC. HEM.					[illegible]
70								



○ .004
SAMPLE LOCATION
Au oz/ton

1088.0 / 1085.9
SURVEY LOCATION
top & bottom elevations
in feet

N

ANSCHUTZ MINING
CORPORATION

SILVERFIELD #15
Brunton & Tape
Survey

1" = 50' 3/21/82

Figure 3

ANSCHUTZ MINING CORPORATION

Page 2

PROJECT: HOLE NO. SF-7

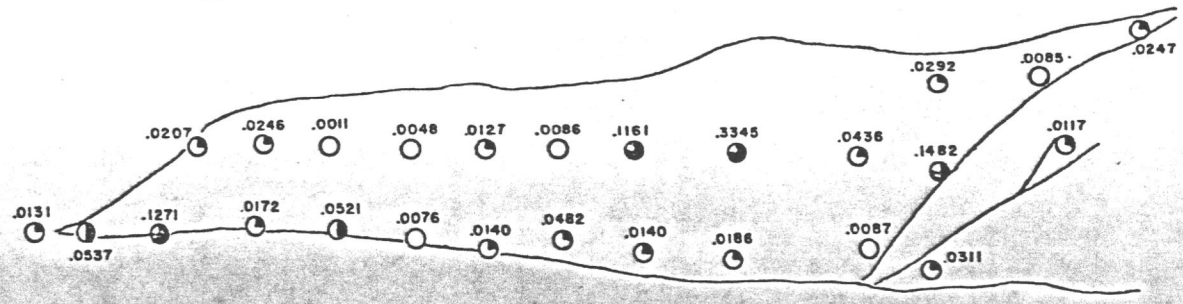
COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		LIMESTONE, REDDISH, MINOR YELLOW CHIPS LIGHT BROWN DUST	LOCAL SIEC. FEM.	<.02	NR			1990
		AS ABOVE AND SILTSTONE, BROWNISH GRAY DUST						1991
70		TYLONITE, v.f.g., GREEN GREEN DUST	LOCAL FeOx STAIN ON FRACTURES					1992
85 T.D.								

Silverfield #15

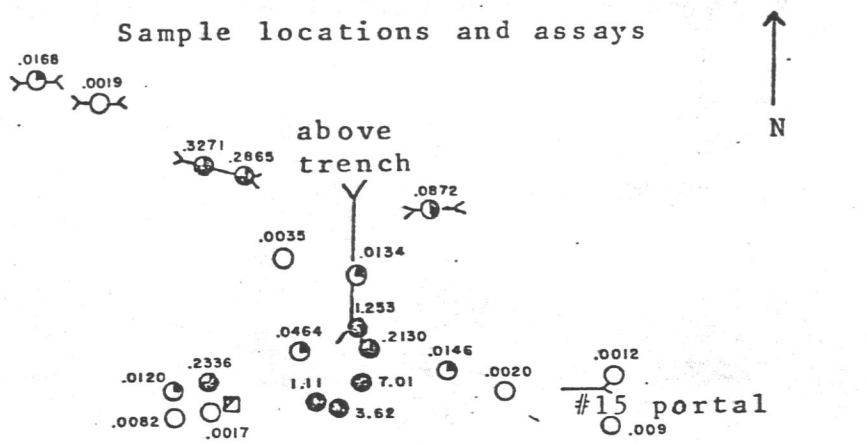
Main Trench
Sample locations and assays
Dec./1981



length of trench 65 feet

Surface Sketch

Sample locations and assays



(not to scale)

Explanation

- >0.5 oz/T Au
- 0.1 to 0.5
- 0.05 to 0.1
- 0.01 to 0.05
- <0.01 oz/T Au

Actual gold values in oz/ton are noted by the sample location.

Figure 4

ANSCHUTZ MINING CORPORATION

Page

PROJECT: [illegible] FIELD N.V. HOLE NO. SF-8

COUNTY: [illegible] STATE: [illegible] DATE COMPLETED: 9-8-85 COLLAR ELEVATION: 1120'

TOTAL DEPTH: 100' LOGGED BY: [illegible] SECTION: [illegible] T. [illegible] R. [illegible]

[illegible]

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS PPM Au	Ag			SAMPLE NUMBER
10		[illegible] YELLOW DUST 10% SPEC	LOCAL SPEC. HEM.	1.20	NA			1923
		[illegible] 50% SPEC [illegible] FROM YELLOW TO SPEC.		.19				1924
20		[illegible] LIMESTONE QTZ [illegible] LIMESTONE, [illegible] BROWN [illegible]	TROY + IRON COATING FRACTURES	<.02				1925
		[illegible] LIMESTONE - QTZ BRECCIA, YELLOWISH GRAY [illegible] LIGHT GRAY DUST	BLACK OXIDE CEMENTING LIME FRAGMENTS	.05				1926
30		[illegible] BROWNISH GRAY [illegible] DUST		<.02				1927
		[illegible]						1928
40		[illegible] LIMESTONE, GRAY BROWN DUST	LOCAL SPEC. HEM. & OTHER BLACK OXIDE					1929
		DUST OF [illegible] LIMESTONE [illegible] GRAY	[illegible] BAND OF >10% SPEC. HEM. [illegible]					2000
50		[illegible] LIMESTONE, [illegible] DUST 5 FEET [illegible]						[illegible]
		BRECCIATED LIMESTONE, RED, [illegible] LIGHT BROWN DUST 3 FEET	SPEC. HEM. FILLING FRACTURES					[illegible]
60.		MOSTLY LIMESTONE DUST LIGHT BROWN WITH BLACK OXIDE & QTZ FRAGMENTS						[illegible]
		LIMESTONE, RED WITH QTZ MICROVUGLETS BROWN DUST	BLACK OXIDE [illegible] FRACTURES					[illegible]
70								

APPENDIX I
DRILL HOLE LOGS
SF-1 TO SF-10

ANSCHUTZ MINING CORPORATION

Page 1 of 2

PROJECT:

HOLE NO. SF-3

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	ASSAYS ppm Ag			SAMPLE NUMBER
		AS ABOVE BUT WITH LIMESTONE DUST		<.02	NA			200
		AS ABOVE SCALES INTO GREEN MYLONITE WITH 20% QTZ SLIVERS & GRAY DUST	2% HEM. RED					200
80		MYLONITE YELLOW & QTZ WITH RED FeOx DUST YELLOW, MINOR	FeOx & MINOR MnOx					[illegible]
		AS ABOVE SCALES INTO GREEN MYLONITE GREEN DUST	FeOx COATING FRACTURES	NP				200
90		MYLONITE GREEN & GRAY DUST SOFT FLAKY SPALLING	MINOR FeOx [illegible]					[illegible]
		AS ABOVE						[illegible]
100 TD.								

ANSCHUTZ MINING CORPORATION

PROJECT: [illegible] J.V. HOLE NO. SF-9

COUNTY: [illegible] STATE: ARIZONA DATE COMPLETED: 2-10-83 COLLAR ELEVATION: 1120'

TOTAL DEPTH: 285' LOGGED BY: Bent E. Aaquist SECTION: 32 T. [illegible] R. 14W

HOLE INCLINED @ 290° - 50°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-10' NO SAMPLE TAKEN						
10		QTZ, MINOR PHYLLITE, DUST WHITE TO SPECKLED BROWN	MINOR SPEC. HEM.	.02	NA			2011
		AS ABOVE, INTERLAYERED GRAY LST.	" "	.38				2012
20		QTZ, MINOR SILICIFIED BRECCIATED LST, GRAY, FINE BRECCIA, BLACK CEMENTING MATRIX LIGHT BROWN DUST		.02				2013
		SILICIFIED BRECCIATED LST AS ABOVE	MINOR SPEC HEM.	.04				2014
30		AS ABOVE, MINOR CLEAN QTZ		<.02				2015
		AS ABOVE, LOCAL MINOR PHYLLITE						2016
40		AS ABOVE WITH INTERLAYERED PHYLLITE						2017
		SILICEOUS LST., DARK GRAY GRADES INTO BROWNISH GRAY LST DUST.	SPEC. HEM IN HAIRLINE FRACTURES @ ALL ANGLES.					2018
50		QTZ, CALCAREOUS YELLOW, GRADES INTO LIGHT BROWN CALCAREOUS DUST.						2019
		SILICIFIED LST, DARK GRAY LIGHT GRAY CALCAREOUS DUST	SPEC. HEM ON FRACTURES					2020
60		LST., DARK GRAY, LOCALLY 10% WHITE & YELLOW QTZ, MUCH BROWN DUST						2021
		LST., DARK GRAY, MINOR GREEN QTZ(?) MUCH BROWN DUST						2022
70								

ANSCHUTZ MINING CORPORATION

PROJECT: SILVERPEAK J.V. HOLE NO. SF-9

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: Don E. Aaquist SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		LST, RED SOFT MINOR YELLOW QTZ BROWN DUST	DISS. HEM. ON HAIRLINE FRACTURES	<.02	NA			2023
		AS ABOVE, LOWER 1/2 MOSTLY DUST BROWN & GREEN						2024
80		MYLONITE, RED & GREEN GRAY DUST SOFT DRILLING						2025
		MYLONITE, GREEN, YELLOW & RED BROWN DUST, SOFT	LOCAL IRON STAIN ON FRACTURES	NA				2026
90		MYLONITE GREEN GRAY DUST	"					202
		MYLONITE GREEN, GREEN DUST CONGLOMERATE WITH HAIRLINE QTZ VEINLETS						2028
100		MYLONITE GREEN, LOCAL BRECCIA AS ABOVE GREEN DUST						2029
		AS ABOVE						2030
110		AS ABOVE MORE SILICEOUS, HARDER DRILLING						2031
		AS ABOVE						2032
120		AS ABOVE						2033
		AS ABOVE						2034
130		AS ABOVE						2035
		AS ABOVE						2036
140								

ANSCHUTZ MINING CORPORATION

Page 3 of 7

PROJECT: SILVERFIELD J.V. HOLE NO. SF-9

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: [illegible] SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE		NA	NA			2037
		AS ABOVE						2038
150		AS ABOVE						2039
		AS ABOVE						2040
160		AS ABOVE						2041
		AS ABOVE						2042
170		AS ABOVE						2043
		AS ABOVE						2044
180		AS ABOVE						2045
		AS ABOVE MUDDY WATER IN HOLE AT START OF DAY HOLE TO BLOW DRY						2046
190		AS ABOVE						2047
		AS ABOVE DUST GREEN TO LIGHT GRAY						2048
200		MYLONITE, YELLOWISH GREEN DUST GREENISH GRAY	ABOUT 1% FeOx ON FRACTURES & IN SOME LAMINAE	<.02	<.2			2049
		MYLONITE, YELLOW, LAMINAE POORLY DEFINED LIGHT GRAY DUST SOME MATERIAL WEAKLY CALCAREOUS	2-3% FeOx STAIN IN MYLONITE	<.02	<.2			2050
210								

ANSCHUTZ MINING CORPORATION

PROJECT: SILVERFIELD J.V. HOLE NO. SF-9

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		AS ABOVE BUT MYLONITE FAKIBRE WELL DEFINED		<.02	<.2			2051
		AS ABOVE						2052
220		MYLONITE YELLOW, MASSIVE WITH QTZ EYES LIGHT GRAY DUST	FeOx AS ABOVE					2053
		3 LITHOLOGIES, AS ABOVE MIXED WITH BLUISH GRAY MYLONITE, LAST FOOT QTZ RICH MYLONITE LIGHT GRAY DUST	1-3% FeOx AS ABOVE					2054
230		MIXED AS ABOVE, LESS QTZ MYLONITE IN LOWER 1/2						2055
235 T.D.								

ANSCHUTZ MINING CORPORATION

Page 2

PROJECT: SILVERFIELD J.V. HOLE NO. SF-10

COUNTY: COCHISE STATE: ARIZONA DATE COMPLETED: 9-10-83 COLLAR ELEVATION: 1120

TOTAL DEPTH: 95' LOGGED BY: Bob E. Aagaard SECTION: 32 T. 11N R. 14W

HOLE DRILLED @ 335° -55°

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		0-10' CHIPS NOT REPRESENTATIVE, RETURN WHILE DRILLING. QTZ		.09	NA			2056
10		QTZ, MINOR PHYLLITE, RED & YELLOW DUST		.18				2057
		QTZ, GREEN & WHITE, MINOR PHYLLITE LIGHT RED & YELLOW	MINOR HEM.	.81				2058
20		QTZ & YELLOW LST. BRECCIA, FINE FRAGMENTS LIGHT BROWN DUST		1.2				2059
		QTZ, MINOR PHYLLITE LIGHT BROWN DUST	~2% HEM.	.92				2060
30		QTZ, LST. BRECCIA & GRAY LST, INTERLAYERED LIGHT BROWN DUST		4.0				2061
		SILICEOUS LST., GRAY, MASSIVE, SOME BRECCIATED LST. AS ABOVE. LIGHT BROWN DUST		.07				2062
40		SILICEOUS LST BRECCIA AS ABOVE LIGHT BROWN DUST		<.02				2063
		AS ABOVE >50% DUST						2064
50		AS ABOVE WITH SOME GRAY LST. ALSO						2065
		AS ABOVE						2066
60		MOSTLY LST. DUST, GRAY SILICEOUS LST.	SOME FeOx ON FRACTURES					2067
		AS ABOVE						2068
70								

ANSCHUTZ MINING CORPORATION

PROJECT: SILVERFIELD J.V. HOLE NO. SF-10

COUNTY: STATE: DATE COMPLETED: COLLAR ELEVATION:

TOTAL DEPTH: LOGGED BY: Bent E. Aagaard SECTION: T. R.

DEPTH	LOG	GRAPHIC ROCK TYPE & DESCRIPTIVE	MINERALIZATION & ALTERATION	ASSAYS ppm Au	Ag			SAMPLE NUMBER
		MOSTLY DUST AS ABOVE						
		LAST FOOT DARK BROWN		<.02	NA			2069
		GRAY LST. >50% DUST						2070
80		SILICEOUS LST. BRECCIA RED GRAY DUST						2071
		MYLONITE, YELLOW, RED & GREEN DUST " " "		NA				2072
90		MYLONITE, GREEN, MINOR YELLOW GREEN DUST		NA				2073
95 T.D.								

APPENDIX II
ANALYTICAL RESULTS
DRILL HOLE SAMPLES

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

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AUG 29 1983

BEA

REPORT OF ANALYSIS

JOB NO. UFJ 004
August 26, 1983
SHIPMENT NO. 83-1
1651 - 1692

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555 Seventeenth St.
Denver, Colorado 80202

Analysis of 42 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1651	<.02	<.2
2	1652	<.02	<.2
3	1653	<.02	<.2
4	1654	<.02	<.2
5	1655	<.02	<.2
6	1656	<.02	<.2
7	1657	<.02	<.2
8	1658	<.02	.2
9	1659	<.02	<.2
10	1660	<.02	<.2
11	1661	<.02	<.2
12	1662	<.02	<.2
13	1663	<.02	<.2
14	1664	<.02	<.2
15	1665	<.02	<.2
16	1666	<.02	<.2
17	1667	<.02	<.2
18	1668	<.02	.2
19	1669	<.02	<.2
20	1670	<.02	<.2
21	1671	<.02	<.2
22	1672	<.02	<.2
23	1673	<.02	<.2
24	1674	<.02	<.2
25	1675	<.02	<.2

SKYLINE LABS, INC.
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Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 004
August 26, 1983
PAGE 2

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
26	1676	<.02	<.2
27	1677	<.02	<.2
28	1678	<.02	<.2
29	1679	<.02	<.2
30	1680	<.02	<.2
31	1681	<.02	<.2
32	1682	<.02	<.2
33	1683	<.02	<.2
34	1684	<.02	<.2
35	1685	<.02	<.2
36	1686	<.02	<.2
37	1687	<.02	<.2
38	1688	<.02	.2
39	1689	<.02	<.2
40	1690	<.02	<.2
41	1691	<.02	<.2
42	1692	<.02	<.2

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
DATE SIGNED
Arizona U.S.A.

William L. Lehmbeck
Manager

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. UFJ 005
August 26, 1983
SHIPMENT NO. 83-2
1693 THRU 1715

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

Analysis of 23 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1693	<.02	<.2
2	1694	<.02	.2
3	1695	<.02	.8
4	1696	<.02	<.2
5	1697	<.02	.4
6	1698	<.02	<.2
7	1699	<.02	<.2
8	1700	<.02	<.2
9	1701	<.02	<.2
10	1702	<.02	<.2
11	1703	<.02	<.2
12	1704	<.02	.2
13	1705	<.02	.2
14	1706	<.02	.2
15	1707	<.02	.4

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Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 005
August 26, 1983

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
16	1708	<.02	<.2
17	1709	<.02	.2
18	1710	<.02	<.2
19	1711	<.02	<.2
20	1712	<.02	<.2
21	1713	<.02	<.2
22	1714	<.02	<.2
23	1715	<.02	<.2

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. UFJ 006
September 8, 1983
SHIPMENT NO. 83-3
1716 THRU 1770

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

SEP 13 1983

ANSCHUTZ MINING CORPORATION

Analysis of 55 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1716	<.02	.2
2	1717	<.02	<.2
3	1718	<.02	<.2
4	1719	<.02	<.2
5	1720	<.02	<.2
6	1721	<.02	<.2
7	1722	<.02	<.2
8	1723	<.02	<.2
9	1724	<.02	<.2
10	1725	<.02	<.2
11	1726	<.02	<.2
12	1727	<.02	<.2
13	1728	<.02	<.2
14	1729	<.02	.4
15	1730	<.02	<.2
16	1731	<.02	<.2
17	1732	<.02	<.2
18	1733	<.02	<.2
19	1734	<.02	<.2
20	1735	<.02	<.2
21	1736	<.02	<.2
22	1737	<.02	<.2
23	1738	<.02	<.2
24	1739	<.02	<.2
25	1740	<.02	<.2

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 006
September 8, 1983

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
26	1741	<.02	<.2
27	1742	<.02	<.2
28	1743	<.02	.2
29	1744	<.02	.2
30	1745	<.02	.2
31	1746	<.02	<.2
32	1747	<.02	<.2
33	1748	<.02	.4
34	1749	<.02	<.2
35	1750	<.02	<.2
36	1751	<.02	<.2
37	1752	<.02	<.2
38	1753	<.02	.2
39	1754	<.02	<.2
40	1755	<.02	<.2
41	1756	<.02	<.2
42	1757	<.02	<.2
43	1758	<.02	<.2
44	1759	<.02	<.2
45	1760	<.02	<.2
46	1761	<.02	<.2
47	1762	<.02	<.2
48	1763	<.02	<.2
49	1764	<.02	<.2
50	1765	<.02	.4

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 006
September 8, 1983

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
51	1766	<.02	<.2
52	1767	<.02	.2
53	1768	<.02	<.2
54	1769	<.02	<.2
55	1770	<.02	<.2

REGISTERED ASSAYER
CERTIFICATE NO.
9425
WILLIAM
LEHMBECK
DATE SIGNED
Arizona U.S.A.

William L. Lehmbeck
Manager

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

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SEP 8 1983

REPORT OF ANALYSIS

JOB NO. UFJ 007
September 6, 1983
SHIPMENT NO. 83-4
1771 THRU 1784

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aagvist
555-17TH St., Suite 2400
Denver, Colorado 80202

SEP 9 1983

ANSCHUTZ MINING CORPORATION

Analysis of 14 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1771	<.02	<.2
2	1772	<.02	<.2
3	1773	<.02	<.2
4	1774	<.02	<.2
5	1775	<.02	<.2
6	1776	<.02	<.2
7	1777	<.02	<.2
8	1778	<.02	<.2
9	1779	<.02	<.2
10	1780	<.02	<.2
11	1781	<.02	<.2
12	1782	<.02	<.2
13	1783	<.02	<.2
14	1784	<.02	<.2

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
DATE SIGNED 9/11/83
Arizona U.S.A.

William L. Lehmbeck
Manager

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

RECEIVED
SEP 23 1983

REPORT OF ANALYSIS

JOB NO. UFJ 008
September 20, 1983
SHIPMENT NO. 83-5
1790 THRU 1886

SEP 23 1983

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

Analysis of 39 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1790	<.02	.2
2	1791	<.02	.2
3	1792	<.02	.2
4	1793	<.02	<.2
5	1799	<.02	.2
6	1800	<.02	<.2
7	1801	<.02	<.2
8	1819	<.02	<.2
9	1820	<.02	<.2
10	1821	<.02	<.2
11	1822	<.02	<.2
12	1823	<.02	<.2
13	1824	<.02	<.2
14	1825	<.02	<.2
15	1826	<.02	<.2
16	1845	<.02	<.2
17	1846	<.02	<.2
18	1847	<.02	<.2
19	1866	<.02	.4
20	1867	<.02	<.2
21	1868	<.02	<.2
22	1869	<.02	<.2
23	1870	<.02	<.2
24	1871	<.02	<.2
25	1872	<.02	<.2

SKYLINE LABS, INC.
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Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 008
September 20, 1983
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ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
26	1873	<.02	<.2
27	1874	<.02	<.2
28	1875	<.02	<.2
29	1876	<.02	<.2
30	1877	<.02	<.2
31	1878	<.02	<.2
32	1879	<.02	<.2
33	1880	<.02	<.2
34	1881	<.02	<.2
35	1882	<.02	<.2
36	1883	<.02	<.2
37	1884	<.02	<.2
38	1885	<.02	<.2
39	1886	<.02	<.2

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
STATE OF ARIZONA

William L. Lehmbeck
Manager

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

SEP 26 1983

REPORT OF ANALYSIS

SEP 26 1983

JOB NO. UFJ 009
September 22, 1983
SHIPMENT NO. 83-6
1887 THRU 1944

ANSCHUTZ

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

SEP 26 1983

ANSCHUTZ MINING CORPORATION

Analysis of 58 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1887	>10.00*	200.0
2	1888	.39	22.0
3	1889	<.02	55.0
4	1890	<.02	30.0
5	1891	<.02	14.0
6	1892	<.02	1.4
7	1893	<.02	7.2
8	1894	<.02	8.0
9	1895	<.02	3.0
10	1896	<.02	.2
11	1897	<.02	<.2
12	1898	<.02	<.2
13	1899	<.02	<.2
14	1900	<.02	<.2
15	1901	<.02	<.2
16	1902	<.02	.6
17	1903	<.02	<.2
18	1904	<.02	<.2
19	1905	<.02	<.2
20	1906	<.02	<.2
21	1907	<.02	<.2
22	1908	<.02	<.2
23	1909	<.02	<.2
24	1910	<.02	<.2
25	1911	<.02	<.2

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Tucson, Arizona 85703
(602) 622-4836

JOB NO. UFJ 009
September 22, 1983

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
26	1912	<.02	<.2
27	1913	<.02	<.2
28	1914	<.02	<.2
29	1915	<.02	<.2
30	1916	<.02	<.2
31	1917	<.02	<.2
32	1918	<.02	<.2
33	1919	<.02	<.2
34	1920	<.02	<.2
35	1921	<.02	<.2
36	1922	<.02	<.2
37	1923	<.02	<.2
38	1924	<.02	<.2
39	1925	<.02	<.2
40	1926	<.02	<.2
41	1927	<.02	<.2
42	1928	<.02	<.2
43	1929	<.02	<.2
44	1930	<.02	<.2
45	1931	<.02	<.2
46	1932	<.02	<.2
47	1933	<.02	<.2
48	1934	<.02	<.2
49	1935	<.02	<.2
50	1936	<.02	<.2

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JOB NO. UFJ 009
September 22, 1983
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ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
51	1937	<.02	<.2
52	1938	<.02	<.2
53	1939	<.02	<.2
54	1940	<.02	<.2
55	1941	<.02	<.2
56	1942	<.02	<.2
57	1943	<.02	<.2
58	1944	<.02	<.2

*NOTE: Greater than normal geochemical range.
Please advise if fire assay is needed.

William L. Lehmbeck
Manager

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

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(602) 622-4836

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REPORT OF ANALYSIS

JOB NO. UFJ 009A
September 28, 1983
SHIPMENT NO. 83-6
1887 THRU 1944

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

Analysis of 2 Pulp Samples

ITEM	SAMPLE NO.	FIRE ASSAY Au (oz/t)	FIRE ASSAY Ag (oz/t)
1	1887	.545	8.44
3	1889	<.005	2.00

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ANSCHUTZ MINING CORPORATION

REGISTERED ASSAYER CERTIFICATE NO. 9425 WILLIAM L. LEHMBECK ARIZONA U.S.A.

William E. Lehmbeck
Manager

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REPORT OF ANALYSIS

JOB NO. UFJ 010
September 16, 1983
BENT E. AAQUIST
SHIPMENT NO. 83-7
1954 TO 1974

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

SEP 19 1983

Analysis of 12 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	1954	<.02	<.2
2	1955	<.02	<.2
3	1956	<.02	<.2
4	1957	<.02	<.2
5	1958	<.02	<.2
6	1959	<.02	<.2
7	1960	<.02	<.2
8	1970	<.02	<.2
9	1971	<.02	<.2
10	1972	<.02	<.2
11	1973	<.02	<.2
12	1974	<.02	<.2

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
DATE SIGNED
Arizona U.S.A.

William L. Lehmbeck
Manager

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REPORT OF ANALYSIS

JOB NO. UFJ 011
September 27, 1983
SHIPMENT NO. 83-8
1977 TO 2007

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

OCT 0 0 1983

Analysis of 31 Drill Cutting Samples

ITEM	SAMPLE NO.	Au (ppm)
1	1977	.14
2	1978	.12
3	1979	.48
4	1980	2.60 *
5	1981	.88
6	1982	<.02
7	1983	<.02
8	1984	<.02
9	1985	<.02
10	1986	<.02
11	1987	<.02
12	1988	<.02
13	1989	<.02
14	1990	<.02
15	1991	<.02
16	1992	<.02
17	1993	1.20
18	1994	.19
19	1995	<.02
20	1996	.05
21	1997	<.02
22	1998	<.02
23	1999	<.02
24	2000	<.02
25	2001	<.02

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JOB NO. UFJ 011
September 27, 1983
PAGE 2

ITEM	SAMPLE NO.	Au (ppm)
26	2002	<.02
27	2003	<.02
28	2004	<.02
29	2005	<.02
30	2006	<.02
31	2007	<.02

*NOTE: Fire assay results to follow as UFJ 011-A.

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
DATE SIGNED
Arizona U.S.A.

William L. Lehmbeck
Manager

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REPORT OF ANALYSIS

JOB NO. UFJ 011A
October 5, 1983
SHIPMENT NO. 83-8
1977 TO 2007

ANSCHUTZ MINING CORPORATION
Attn: Mr. Bent E. Aaquist
555-17TH St., Suite 2400
Denver, Colorado 80202

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ANSCHUTZ MINING CORPORATION

Analysis of 2 Pulp Samples

ITEM	SAMPLE NO.	FIRE ASSAY Au (oz/t)	FIRE ASSAY Ag (oz/t)
4	1980	.065	<.01
17	1993	.025	.06

REGISTERED ASSAYER CERTIFICATE NO. 9425 WILLIAM L. LEHMBECK DATE SIGNED ARIZONA U.S.A.

William L. Lehmbeck
Manager