4900 0024

SHUDBEGUD TUNGSTEN CLAIMS

The six Shudbegud claims are located in section 34, T7N, R57E MDBM in Nye County, Nevada about 25 miles SSW of Currant, Nevada. The claims are one mile east of a county maintained, gravel road leading from the Trap Springs oil pumping station to the Nyala ranch. The Shudbegud group is held by Ken Brook of Reno, and envelops the Northridge group held by Solan Terrell of Tonopah and Don Terrell of Reno. Fig. 1.

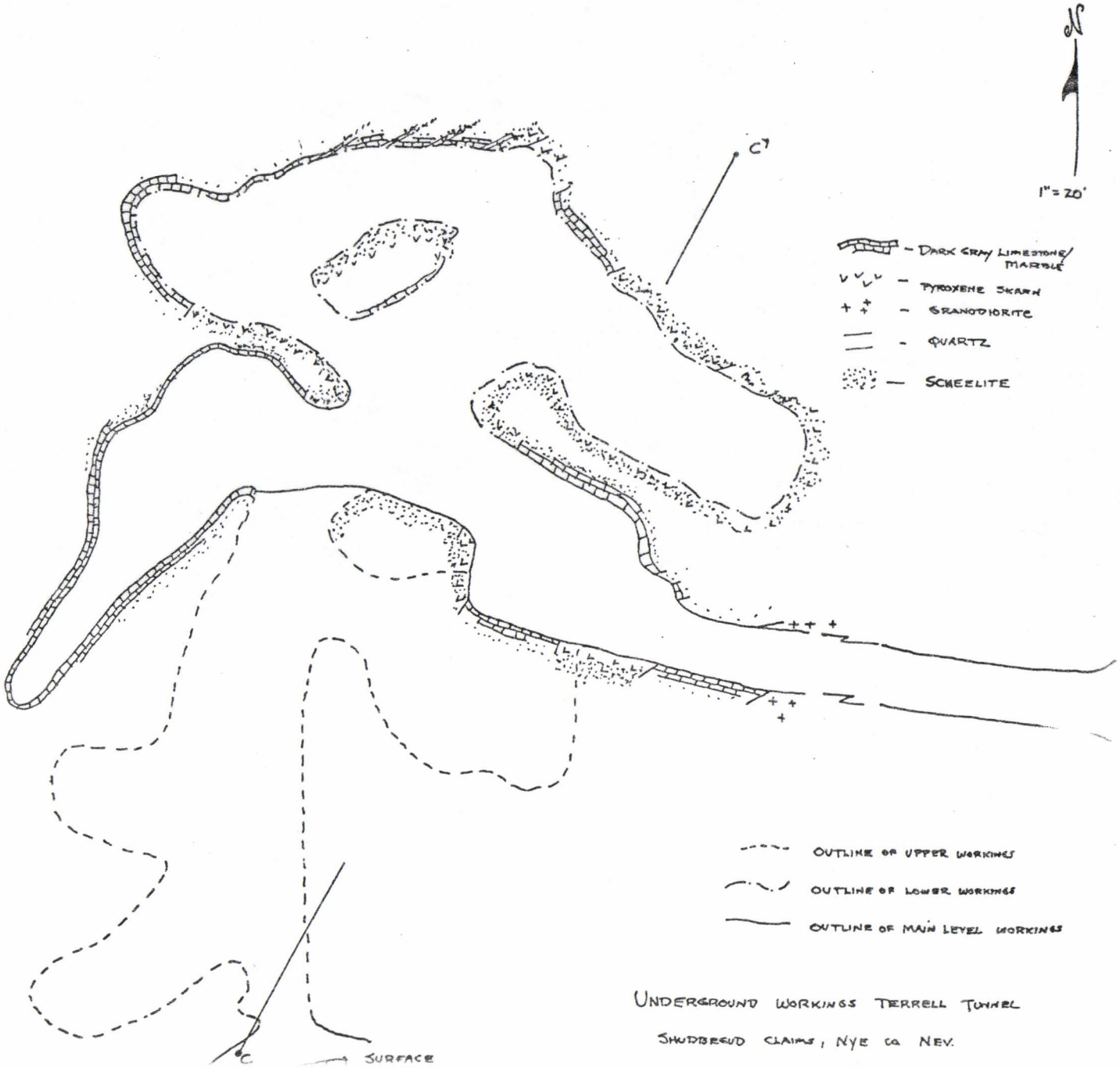
Initial discovery of the property was by the Terrells in the 1950s, and the family has expended considerable time, effort and money in maintaining and developing the ground. The property has been in the hands of numerous small operators whose efforts expanded the underground workings but with little financial success. Too much effort has been devoted to setting up various Rube Goldberg mills and not enough in developing and mining ore.

The geology of the area is relatively simple. A granodiorite (?) cupola has intruded a sequence of Paleozoic (?) sedimentary rocks, creating a domal structure. Erosion has breached the dome exposing the intrusive in an area 1600' x 1000' (see map). The intrusive is flanked by outward dipping, limestone, quartzite, hornfels and skarn. Contact metamorphic effects range from silication, silicification, marbelization to unaffected limestone. One post

intrusive event has foliated the granodiorite, often giving it a gneissic texture, and has created numerous isoclinal folds in the sedimentary rocks. Preliminary mapping shows considerable variation in style, trend and attitude of folds which suggests several structural events have affected the area.

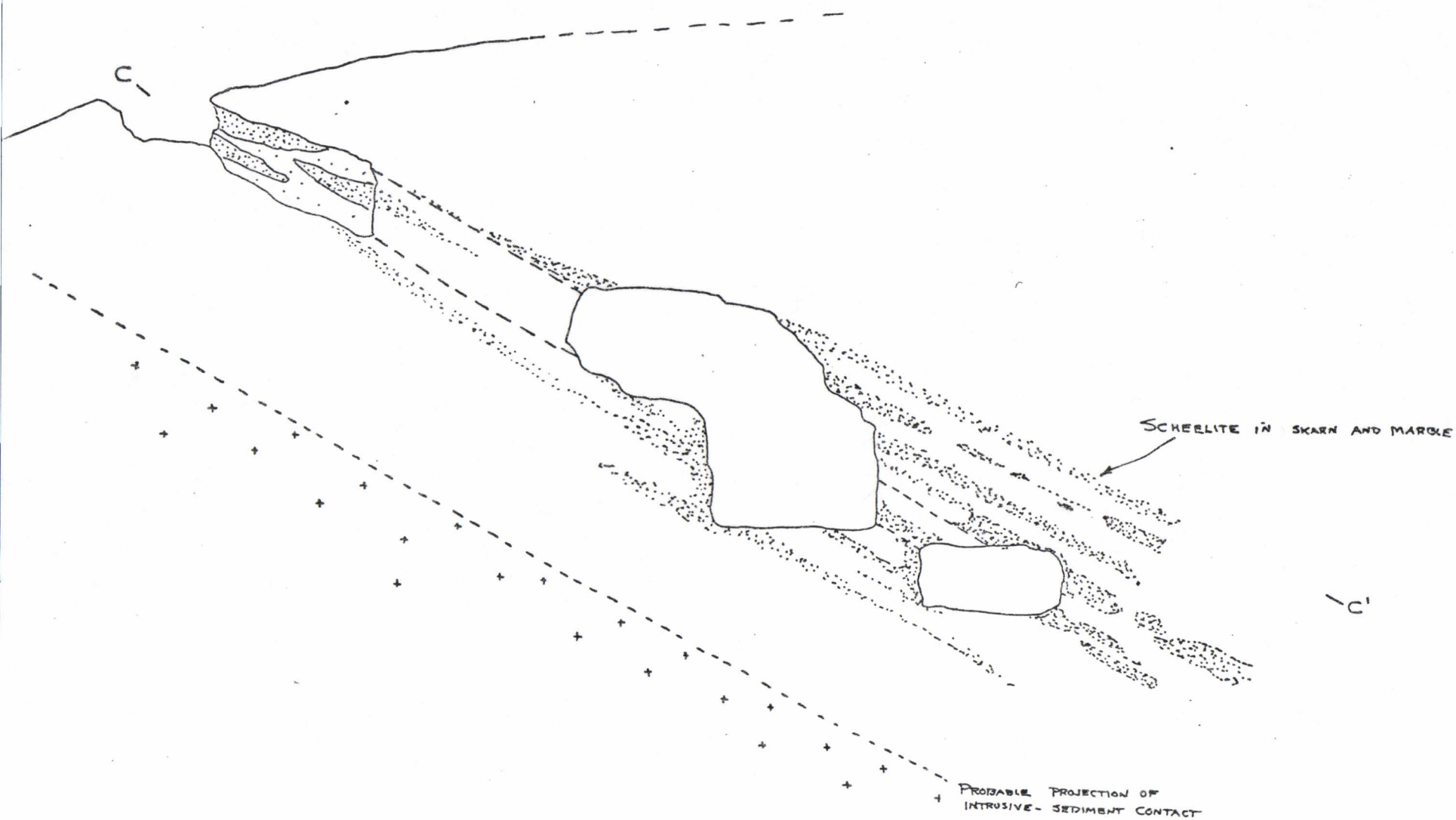
The economic potential of the area is in scheelite. which occurs within pyroxene rich skarn zones as well as in marbleized limestone. Fig. 2. The scheelite is coarse grained, up to 3" crystals, and has a low molybdenum content. Zones of scheelite concentration lie within the marble-skarn zones and are generally conformable to bedding. Fig. 3. Scheelite is found in the workings on the north end of the intrusive and in workings along the eastern flank of the dome. The Terrells report scheelite on the western flank of the dome also.

Existing workings show the presence of scheelite in favorable horizons around the intrusive contact. Lateral continuity and down dip extensions of these zones can be determined only by drilling. The remarkable expansion of the ore zone as shown in Fig. 3 suggests the down dip potential is quite good.



UNDERGROUND WORKINGS TERRELL TUNNEL

SHUDDBEGUD CLAIMS, NYE CO. NEV.

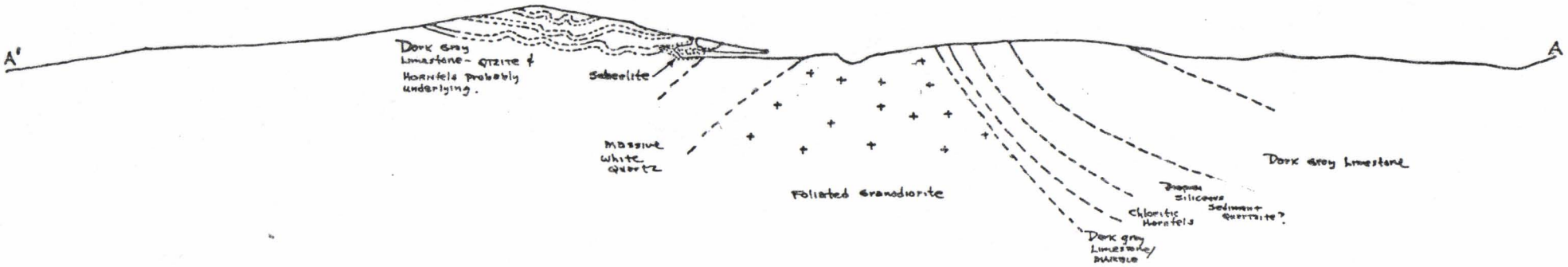


N 30 E SECTION THROUGH

UNDERGROUND WORKINGS — C - C'

1" = 20'

SHUDDEGUD CLAIMS NYE CO. NEV.



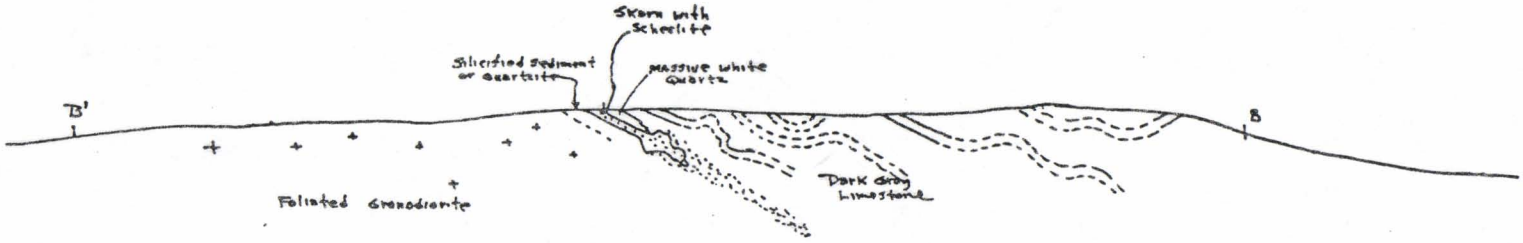
1" = 200'

A-A' CROSS SECTION

SHUDBEGUD CLAIMS

NYE CO. NEVADA.

K. BROOK, NOV. 1978



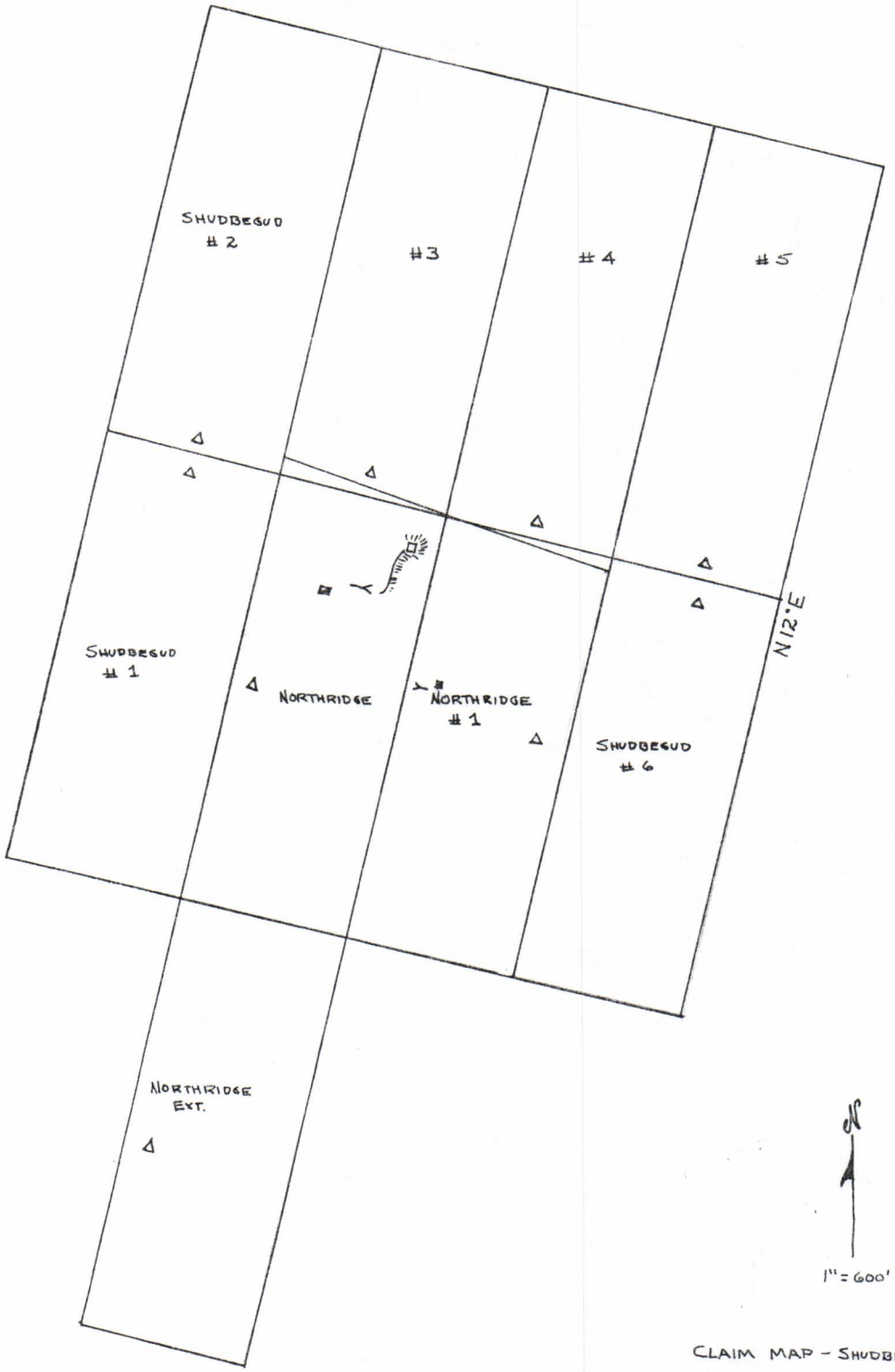
1" = 200'

B - B' CROSS SECTION

SHUDBEGUD CLAIMS

NYE CO. NEVADA

K. BROOK NOV. 1978



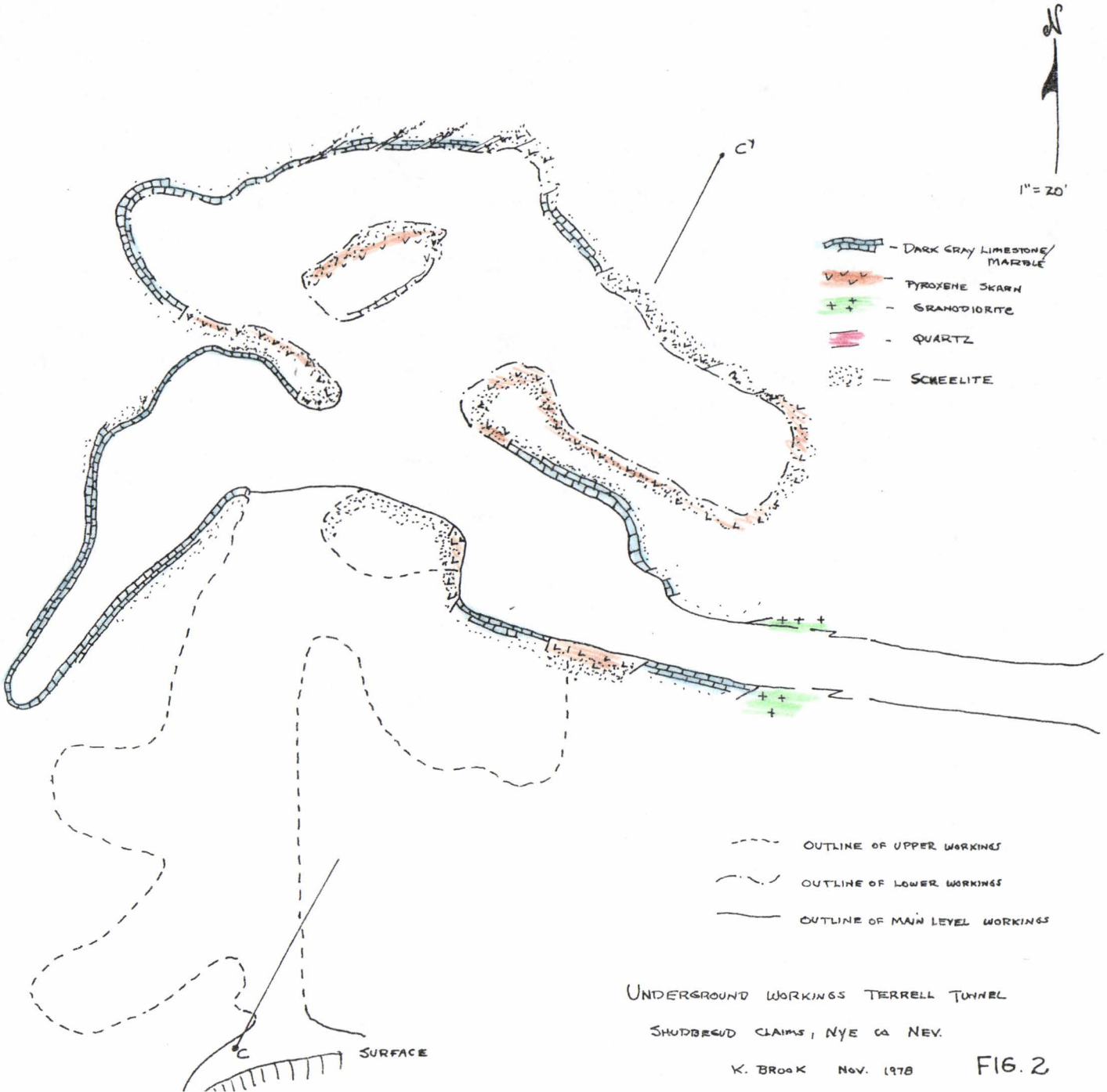
CLAIM MAP - SHUDBEGUD GROUP

NYE CO. NEVADA

K. BROOK, NOV. 1978

Δ - LOCATION MONUMENT

FIG 1

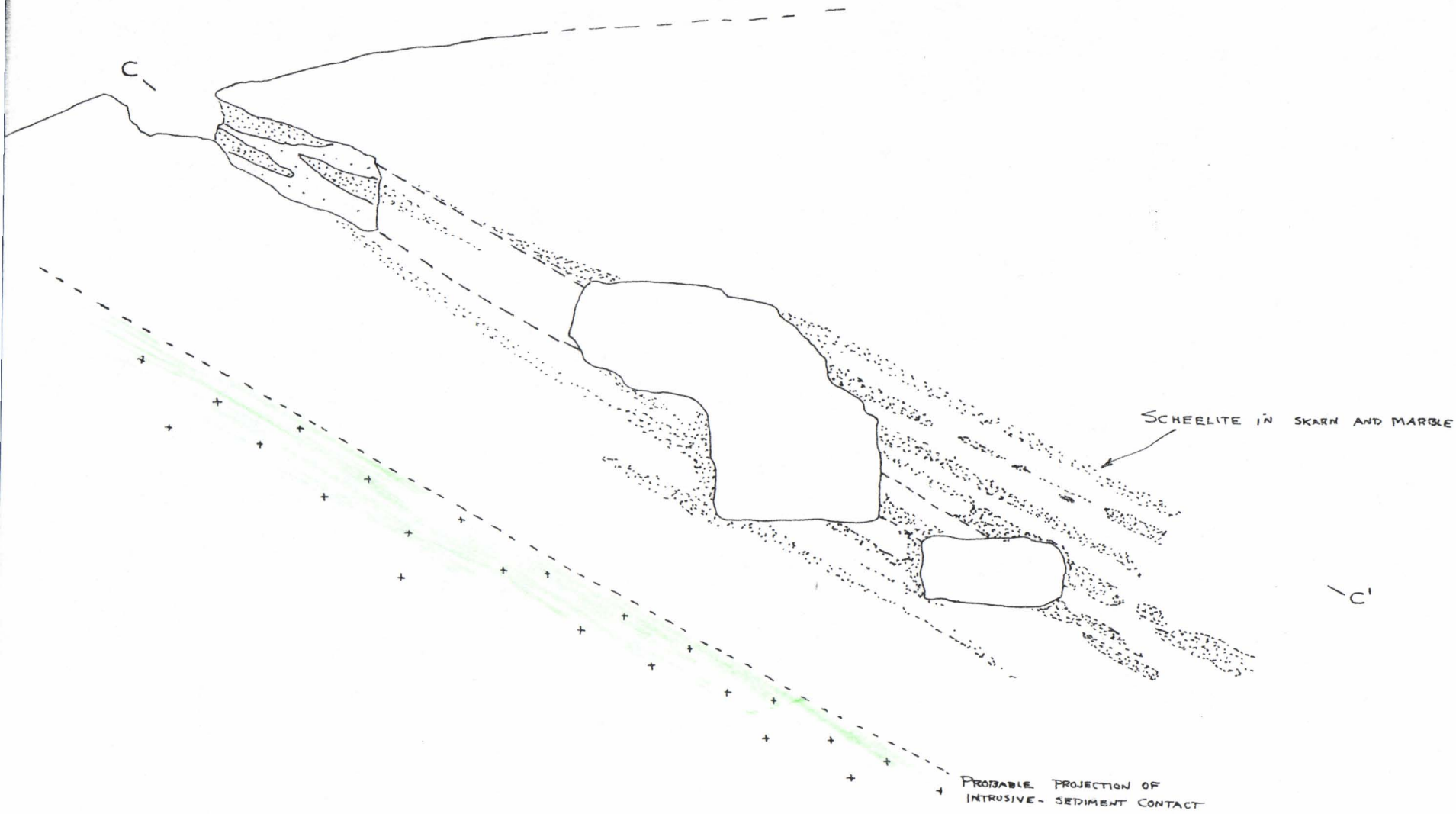


UNDERGROUND WORKINGS TERRELL TUNNEL

SHUDDEGUD CLAIMS, NYE CO NEV.

K. BROOK NOV. 1978

FIG. 2



N 30 E SECTION THROUGH

UNDERGROUND WORKINGS — C - C'

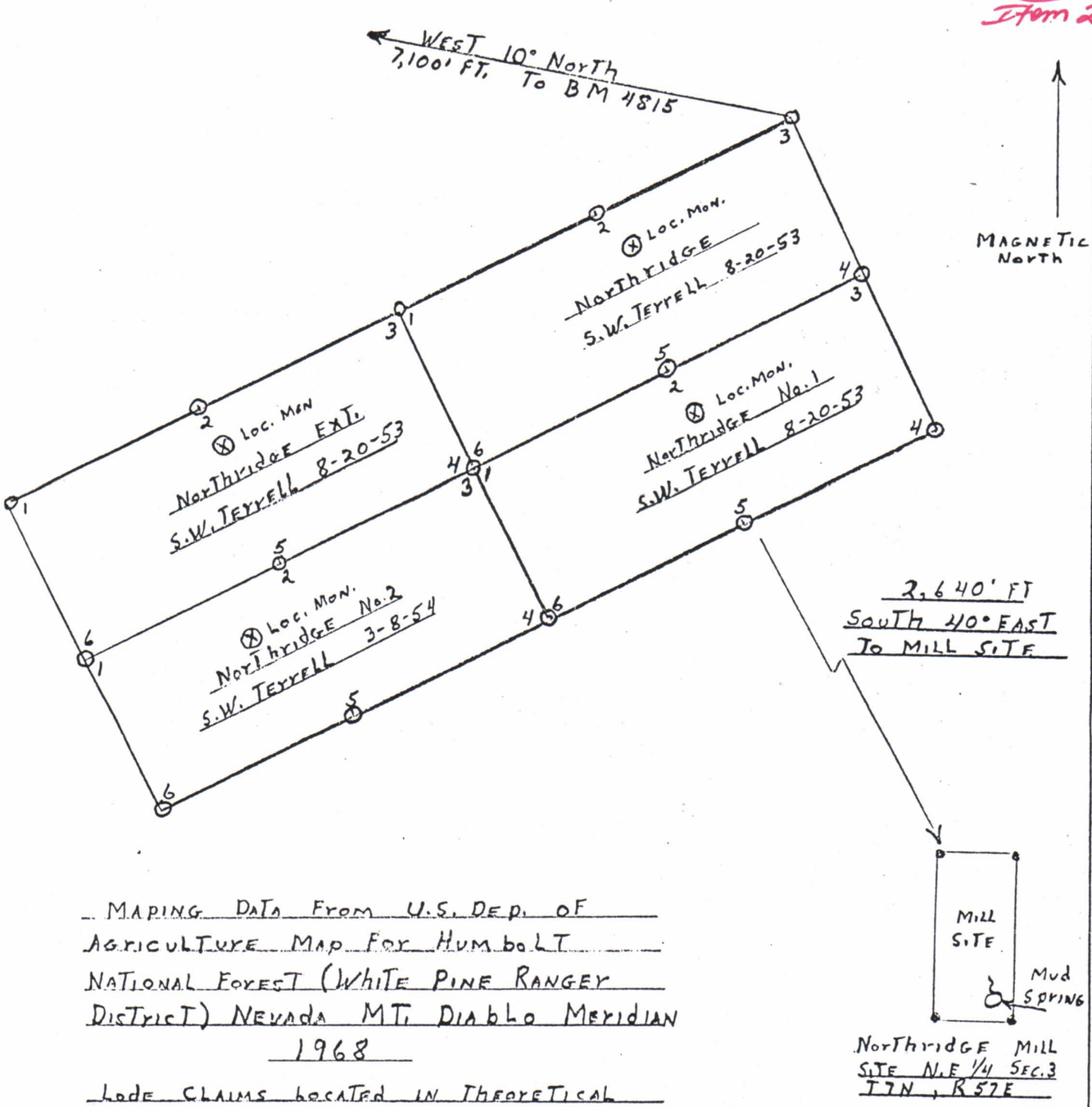
1" = 20'

SHUDBEGUD CLAIMS NYE CO. NEV.

FIG 3

4900 0024

255
From 24



MAPING DATA FROM U.S. DEP. OF AGRICULTURE MAP FOR HUMBOLT NATIONAL FOREST (WHITE PINE RANGER DISTRICT) NEVADA MT. DIABLO MERIDIAN 1968

LODE CLAIMS LOCATED IN THEORETICAL SECTION OF UNSURVED AREA OF T 7 N, R 57 E, SEC 3

SCALE: 1" = 500'

Describe here the position of the Claim Location Monument, if one is used.

Map of the NORTHRIDGE LODE Mining Claim Group,

in Section 3, Township 7N, Range 57 E.,

in the GRANT Mining District,

NYE County, Nevada.

Located on the 20 day of AUG, 19 53, by

STARLE TERRELL
Locator name and address (please print)

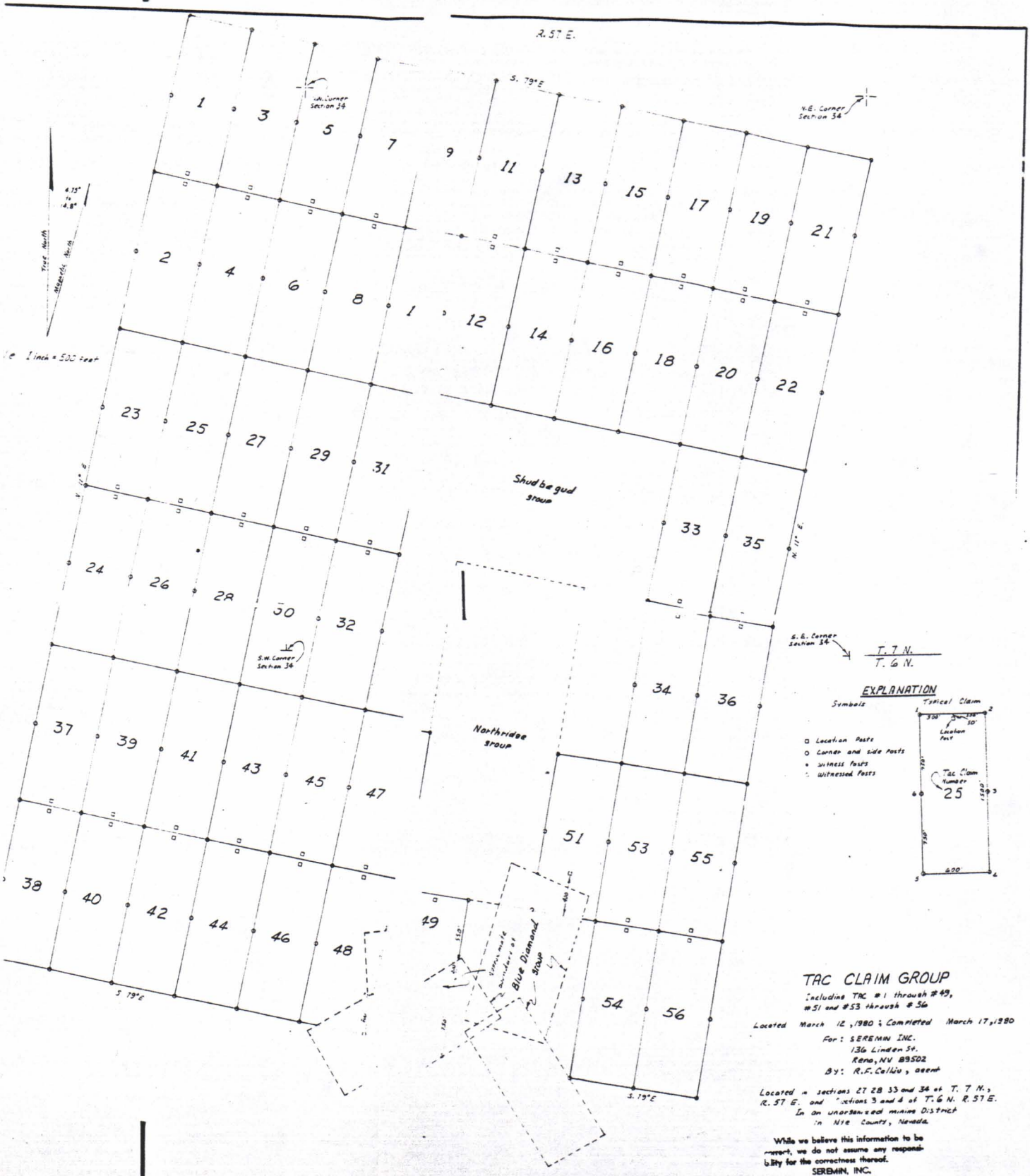
TONOPAH, NEV.

Recorder's Stamp

File No. 34292
filed for record at request of
Solan Terrell
August 30, 1972
at 30 minutes past 2 o'clock
Pm and recorded in ~~Book~~
of ~~Official Records page~~
Nye County, Nevada.
Maurice C. Stanley
County Recorder

4900 0024

255
Item 24



TAC CLAIM GROUP

Including TAC #1 through #49, #51 and #53 through #56

Located March 12, 1980 & Completed March 17, 1980

For: SEREMIN INC.
136 Linden St.
Reno, NV 89502
By: R.F. Collin, agent

Located in sections 27 28 33 and 34 of T. 7 N., R. 57 E. and sections 3 and 4 of T. 6 N. R. 57 E.
In an unorganized mining District in Nye County, Nevada.

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

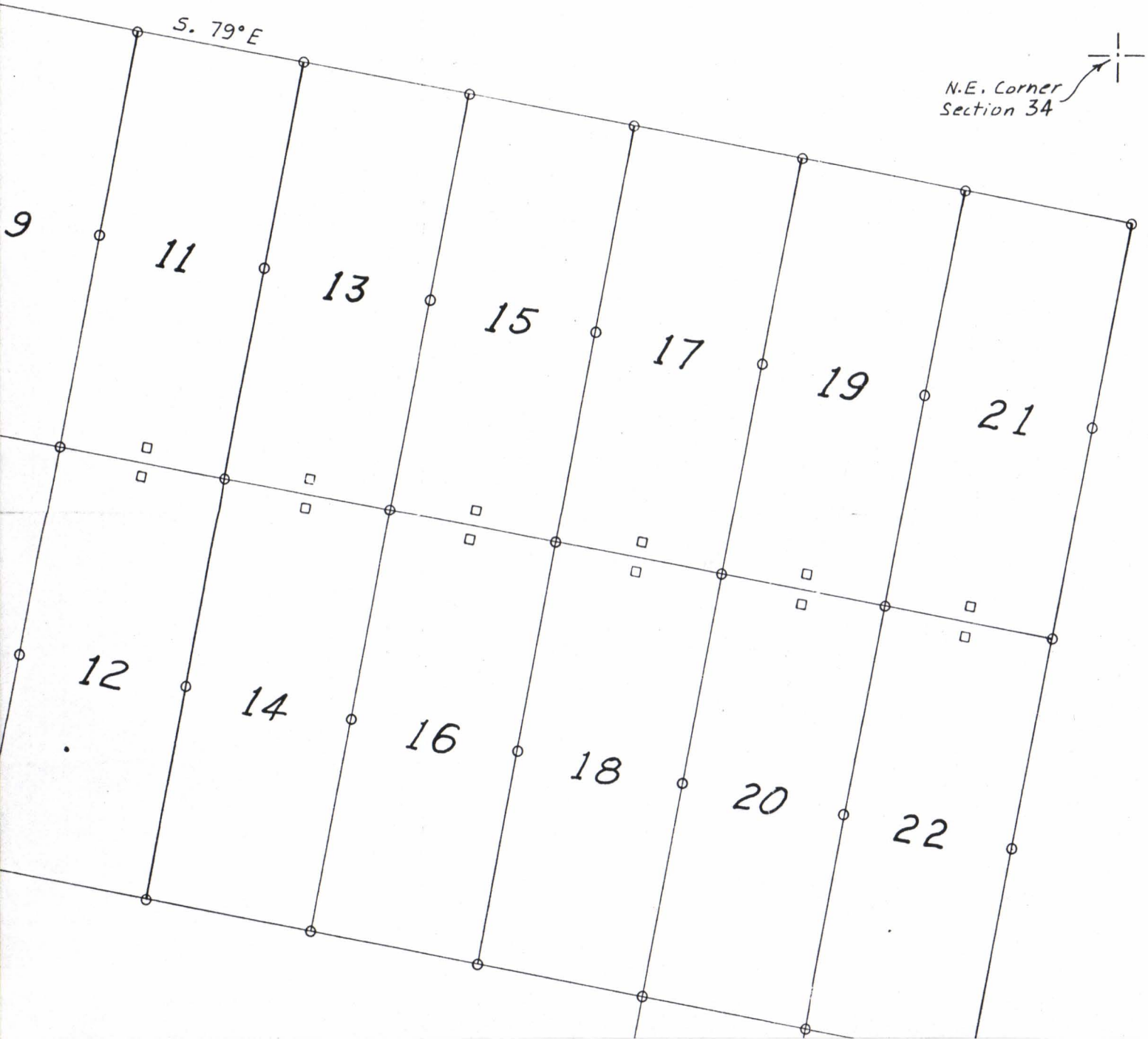
FIGURE 6

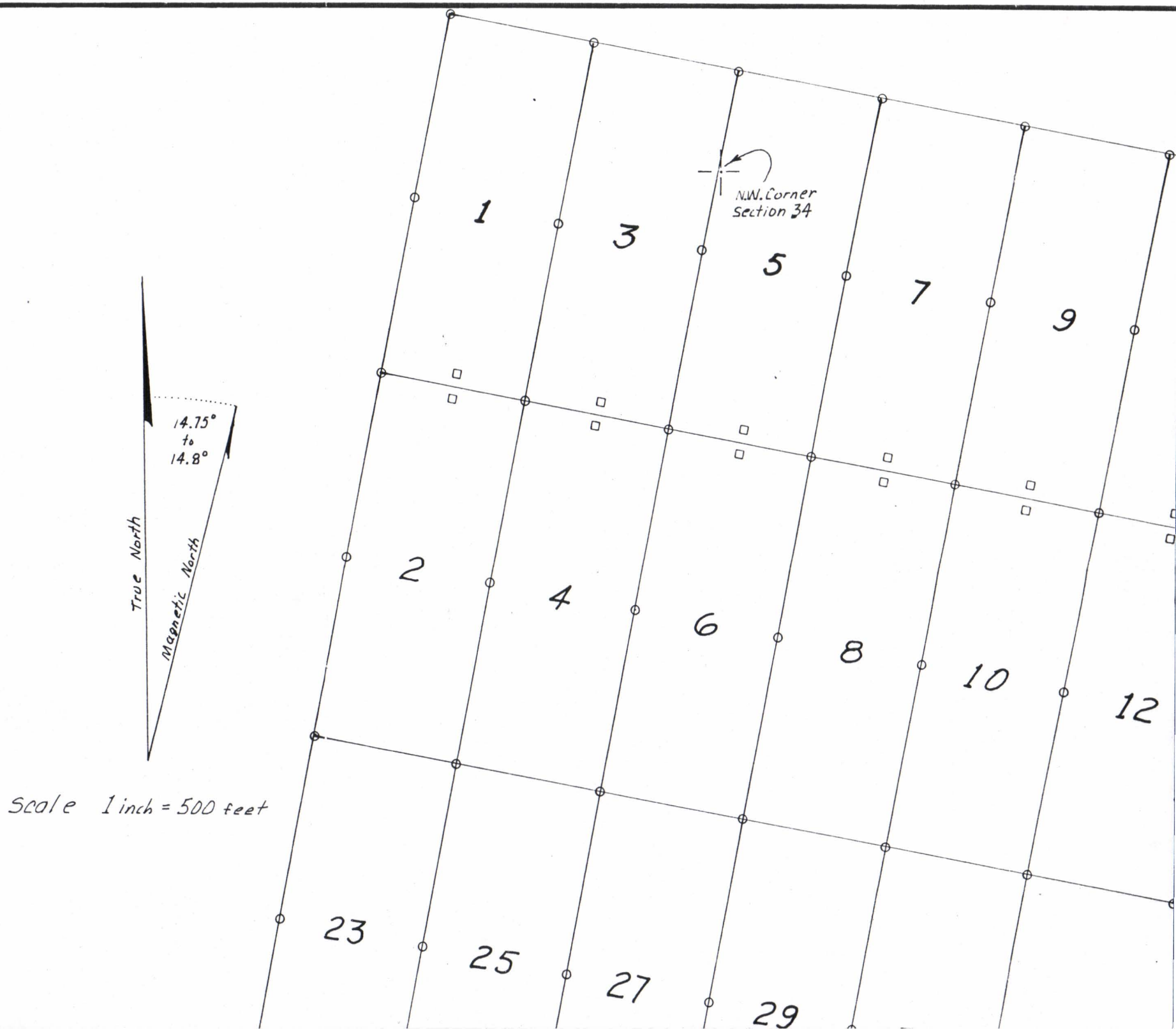
R. 57 E.

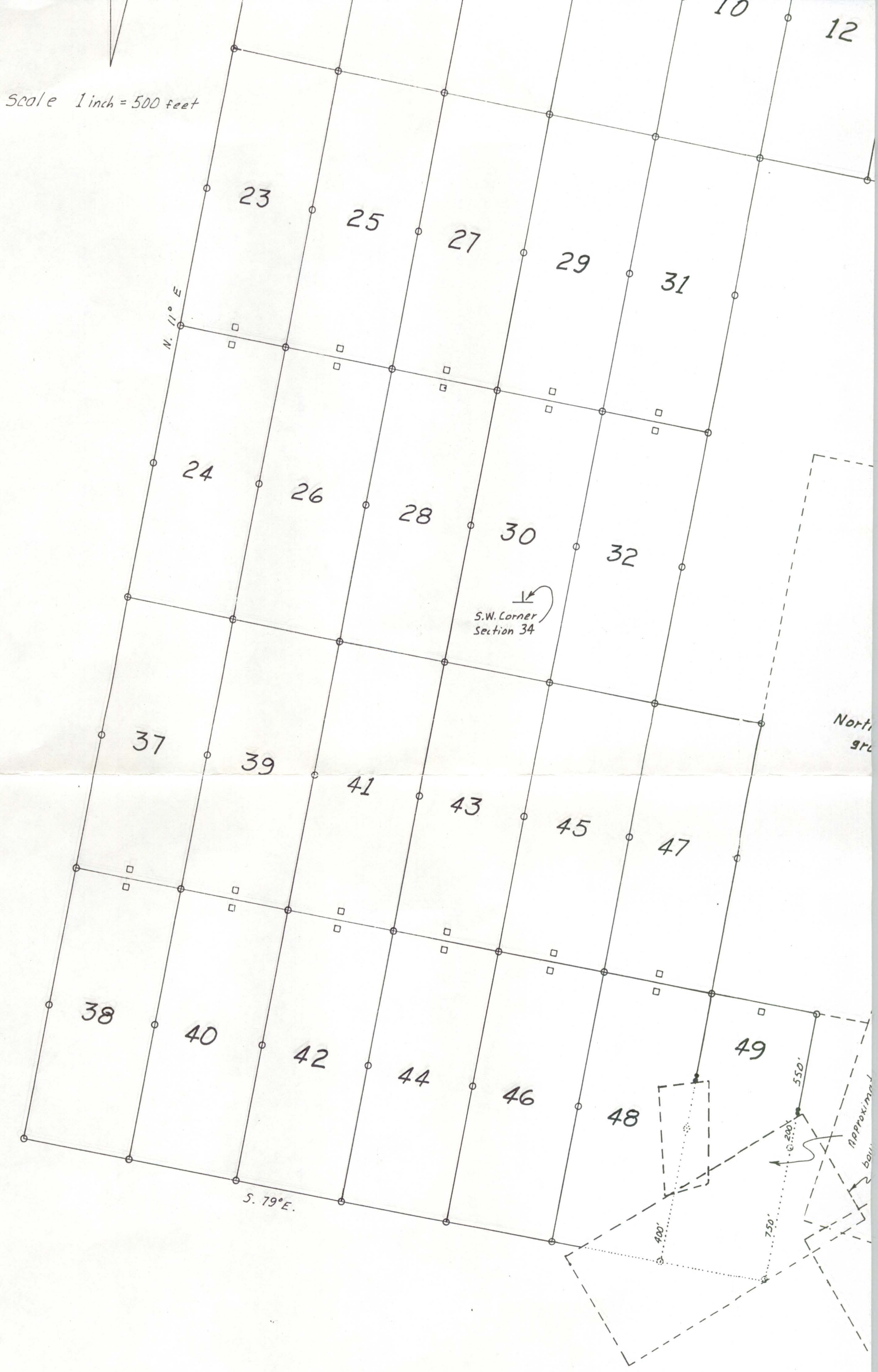
4900 0024

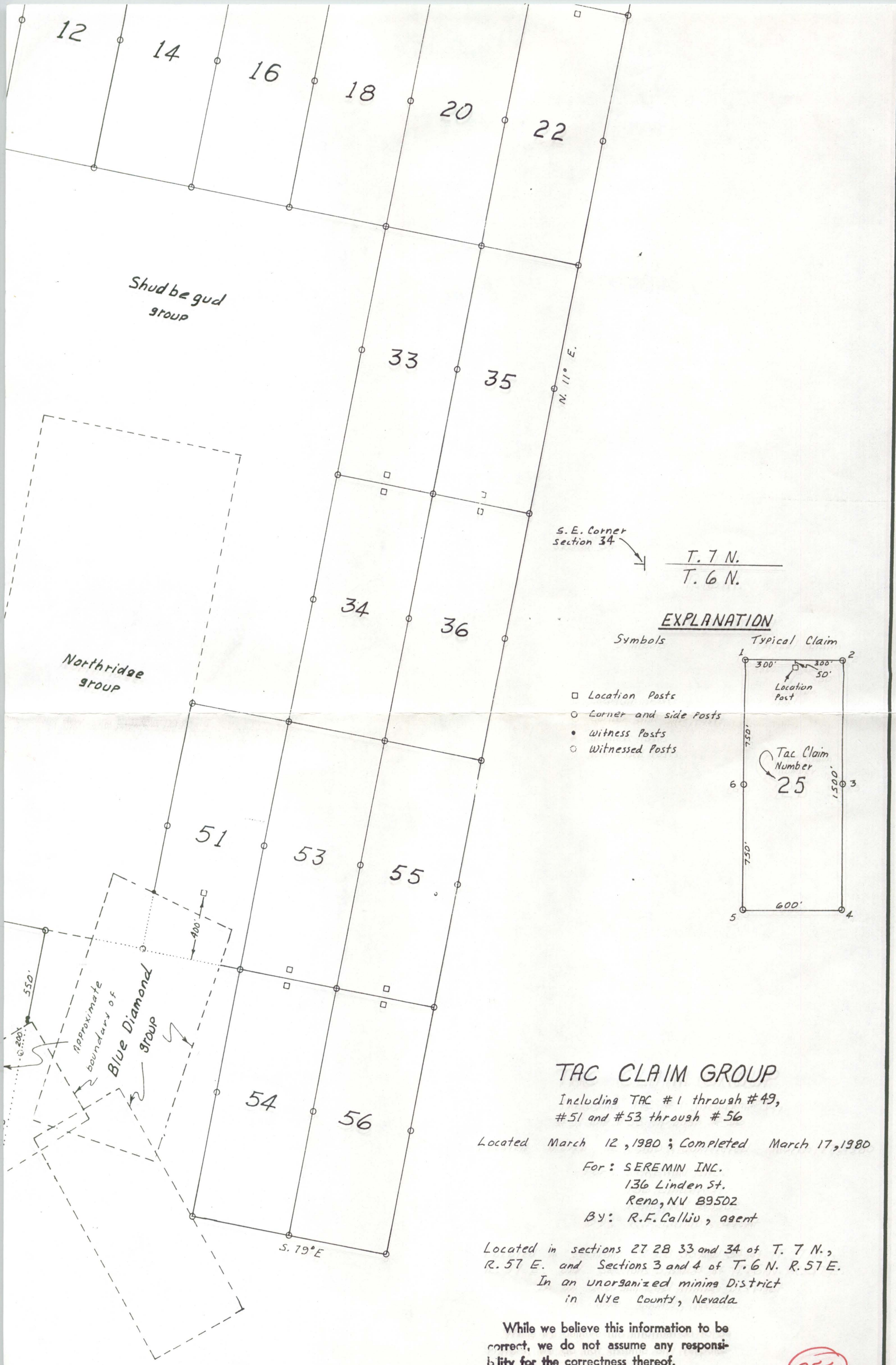
255

Item 24




N.W. Corner
Section 34
1
3
5
7
9
2
4
6
8
10
12
23
25
27
29
14.75°
to
14.8°
True North
Magnetic North
Scale 1 inch = 500 feet


Scale 1 inch = 500 feet
10
12
23
25
27
29
31
N. 11° E
24
26
28
30
32
S.W. Corner
Section 34
37
39
41
43
45
47
38
40
42
44
46
48
49
550'
200'
400'
750'
S. 79° E.



TAC CLAIM GROUP

Including TAC #1 through #49,
#51 and #53 through #56

Located March 12, 1980; Completed March 17, 1980

For: SEREMIN INC.
136 Linden St.
Reno, NV 89502
By: R.F. Calliu, agent

Located in sections 27 28 33 and 34 of T. 7 N., R. 57 E. and Sections 3 and 4 of T. 6 N. R. 57 E.
In an unorganized mining District
in Nye County, Nevada

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

255
Item

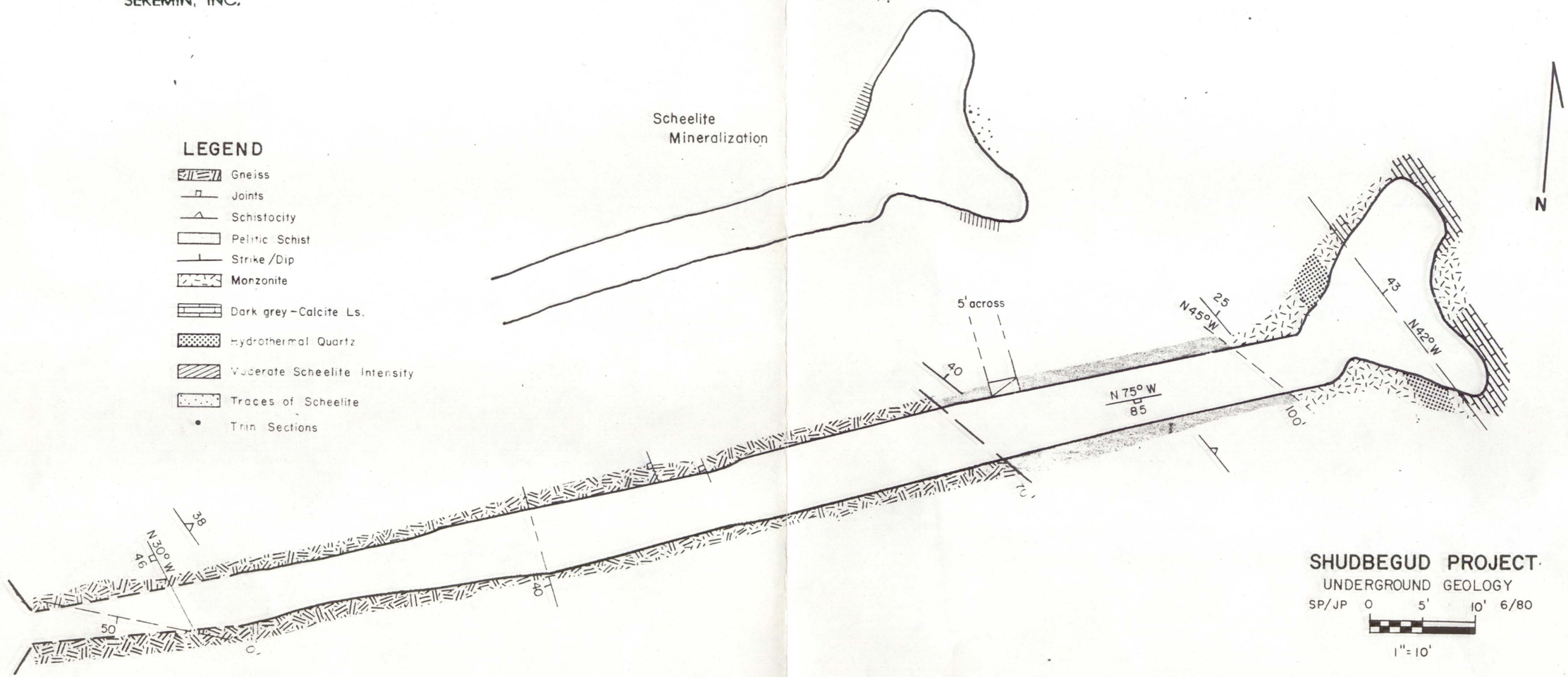
FIGURE 6

255
Item 24

FIGURE 2

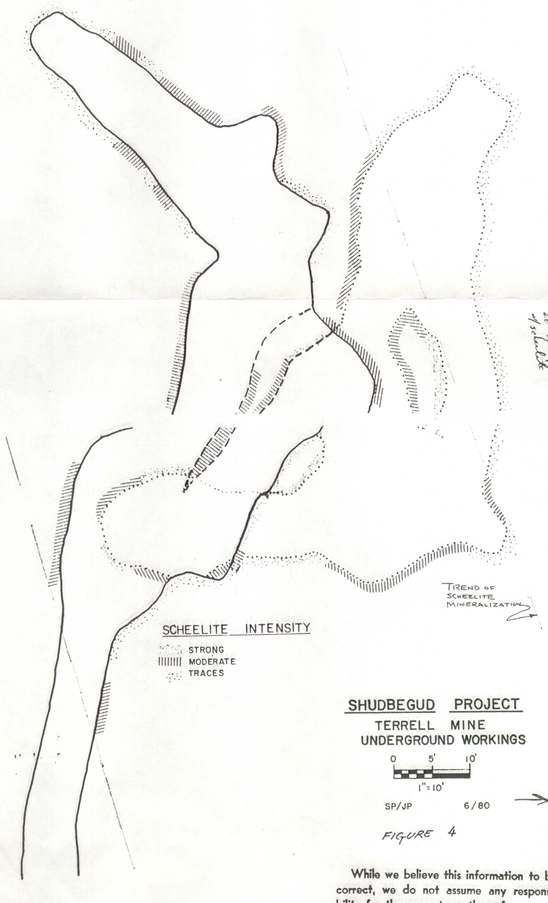
While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

NORTHRIDGE MINE



4900 0024

255
Item 24



SCHEELITE INTENSITY

STRONG
MODERATE
TRACES

SHUDBEGUD PROJECT

TERRELL MINE
UNDERGROUND WORKINGS

0 5' 10'
1" = 10'

SP/JP 6/80

N

FIGURE 4

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

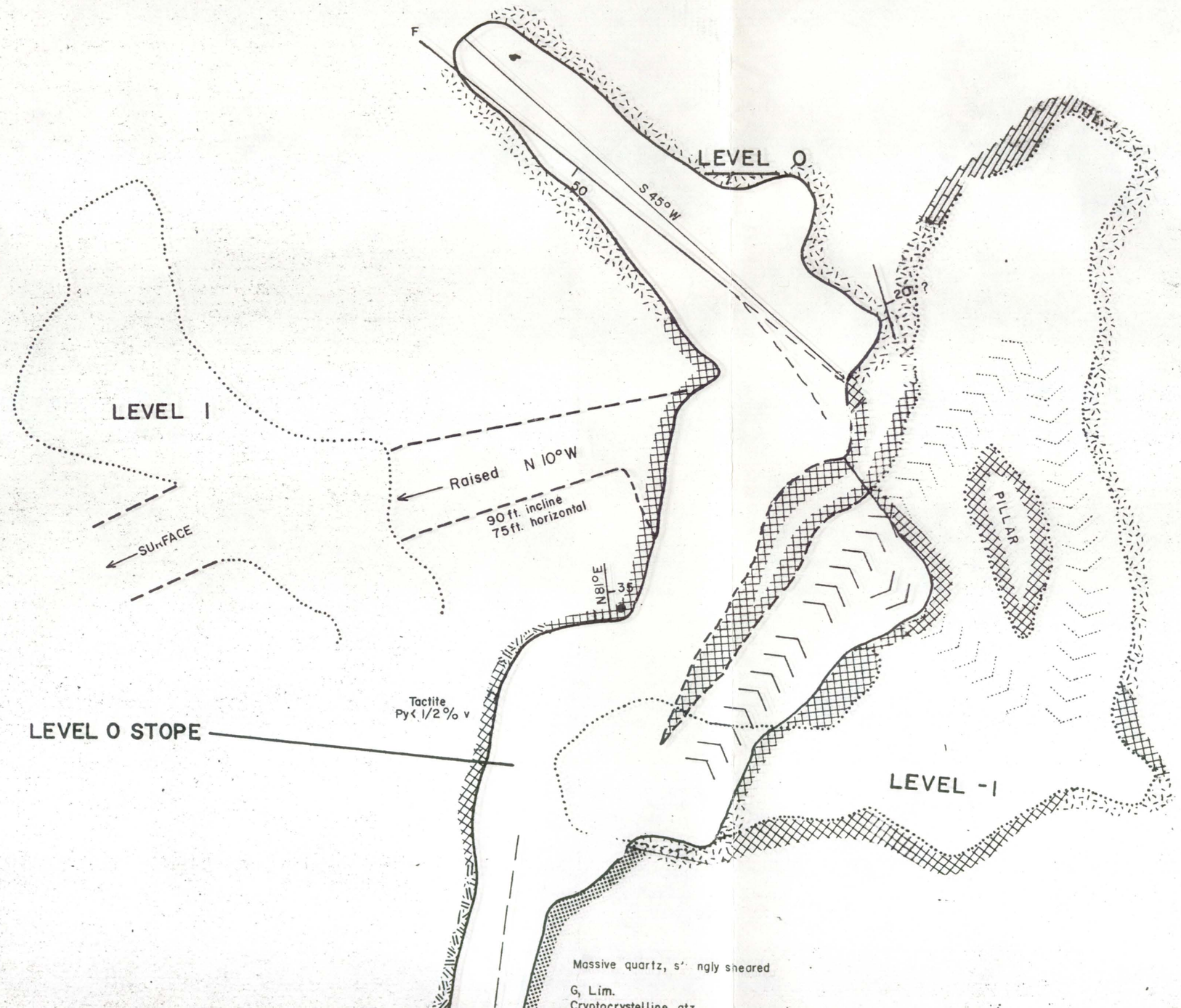
4900 0024

Item 24

255

Item

TERRELL MINE



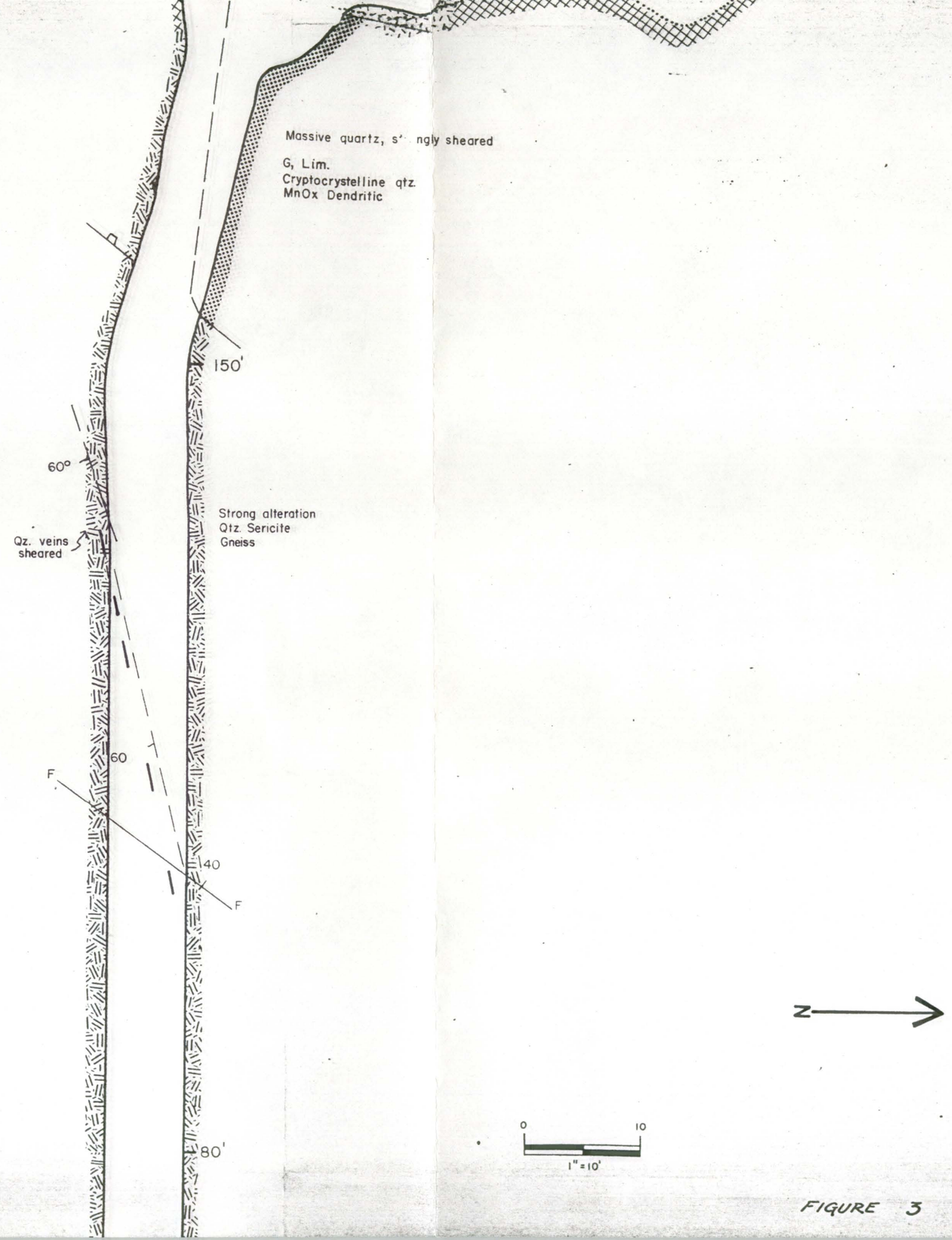
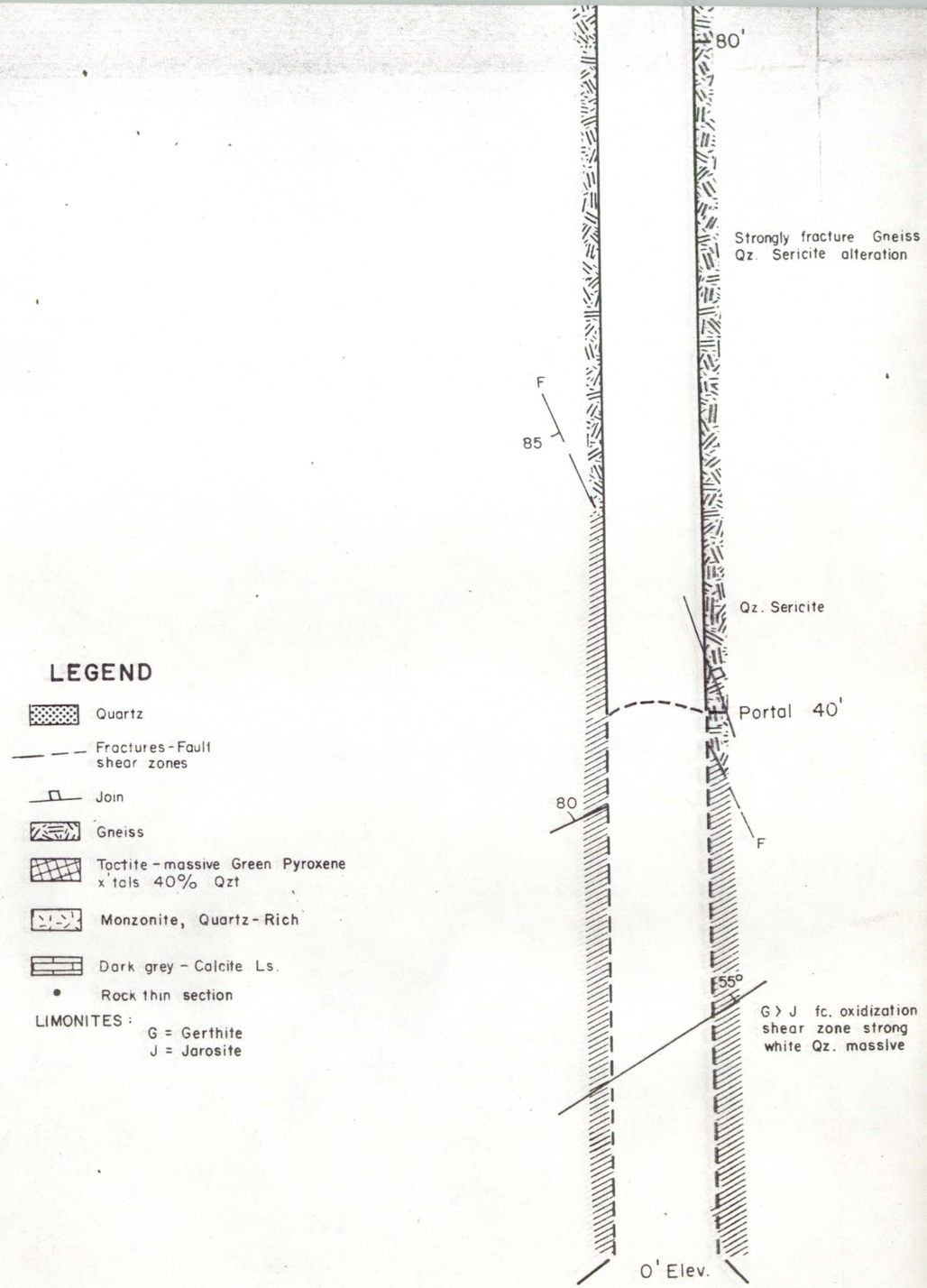

Massive quartz, s' ngly sheared
G, Lim.
Cryptocrystelline qtz.
MnOx Dendritic
150'
60°
Strong alteration
Qtz. Sericite
Gneiss
Qz. veins
sheared
60
F
40
F
80'
N
0
10
1" = 10'

FIGURE 3

FIGURE 3



SHUDBEGUD PROJECT

UNDERGROUND GEOLOGY

NYE Co. NEVADA

SP/JP 6/80

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

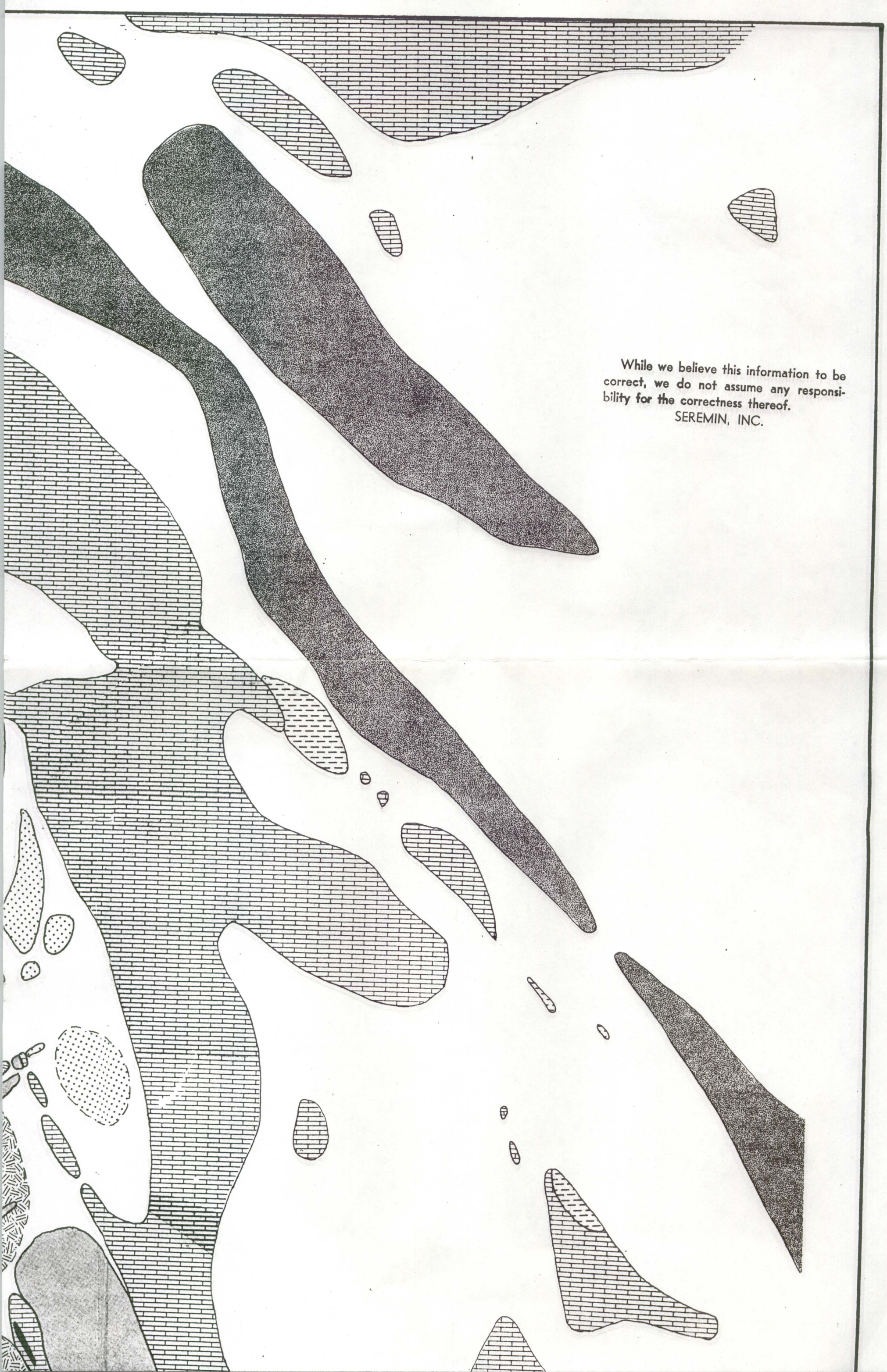


FIGURE 1

FIGURE 1 4900 0024

255
Item 24

SHUDBEGUD PROJECT

NYE COUNTY, NEVADA

OUTCROP MAP

0 50' 100'
1" = 100'

J.B. Paces 6/80

Qb: Olivine basalt - Thin surface flows 1-4 m thick.

Qmi: Mafic intrusives - fine grained, dark brown diabase dikes.

Tq: Hydrothermal quartz - large areas of white secondary quartz commonly iron stained on fracture surfaces.

Tct: Tactite - orezone consisting of lenses of scheelite-bearing coarse grained pyroxene-epidote-quartz tactite.

Tqm: Quartz-monzonite - medium grained hypidiomorphic-granular to porphyritic quartz-rich intrusive.

gn: Quartz-monzonite gneiss - medium to coarse grained, generally well foliated, cataclastic augen gneiss.

Ꞓpls: Phyllitic limestone - light grey to brown, thin-bedded to finely laminated shaley limestone

Ꞓls: Limestone - light to dark grey, thin-bedded to massive limestone. Includes some layers or lenses of quartzite and phyllitic material.

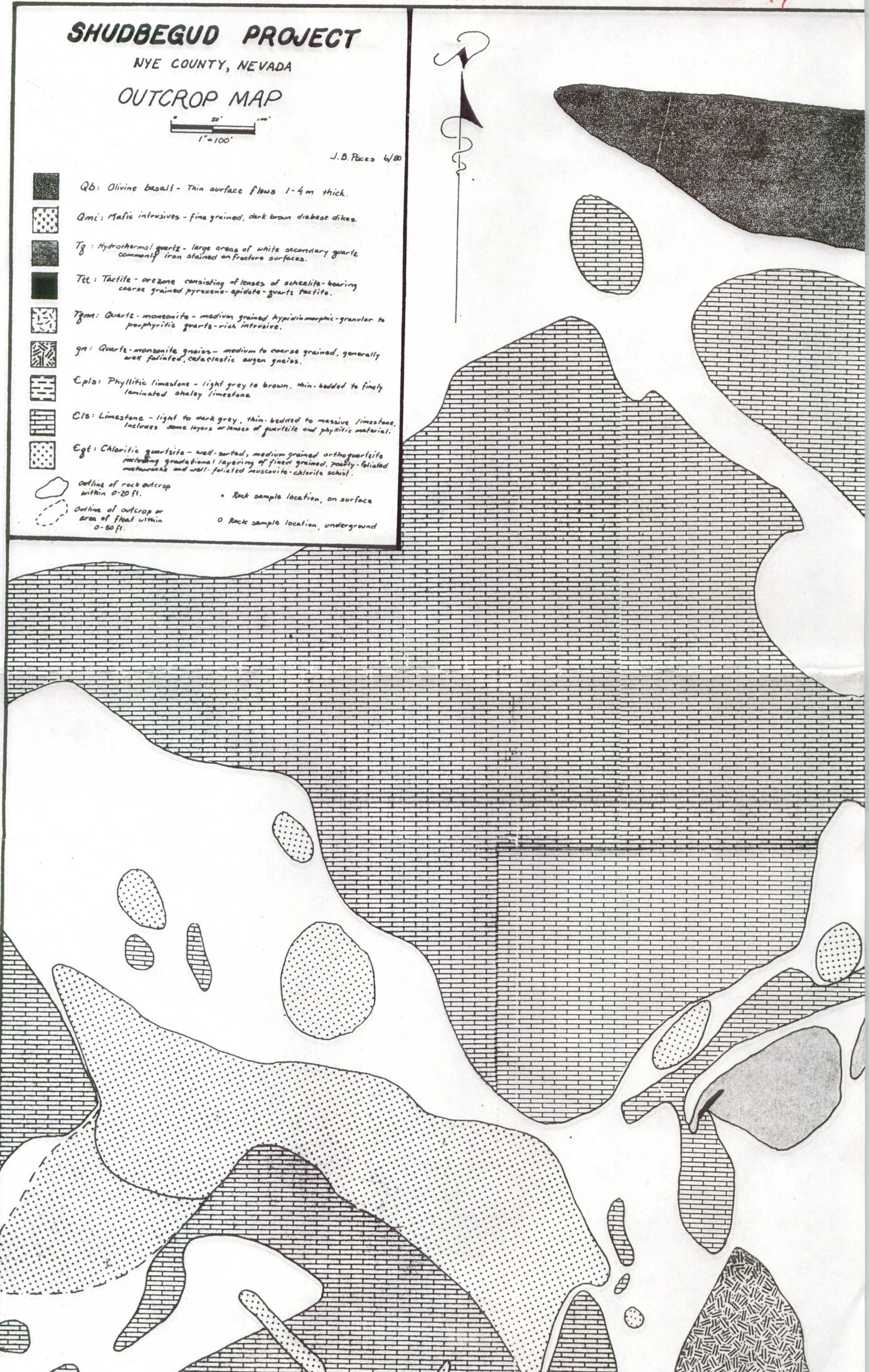
Ꞓqt: Chloritic quartzite - well-sorted, medium grained orthoquartzite including gradational layering of fined grained, poorly-foliated metawacke and well-foliated muscovite-chlorite schist.

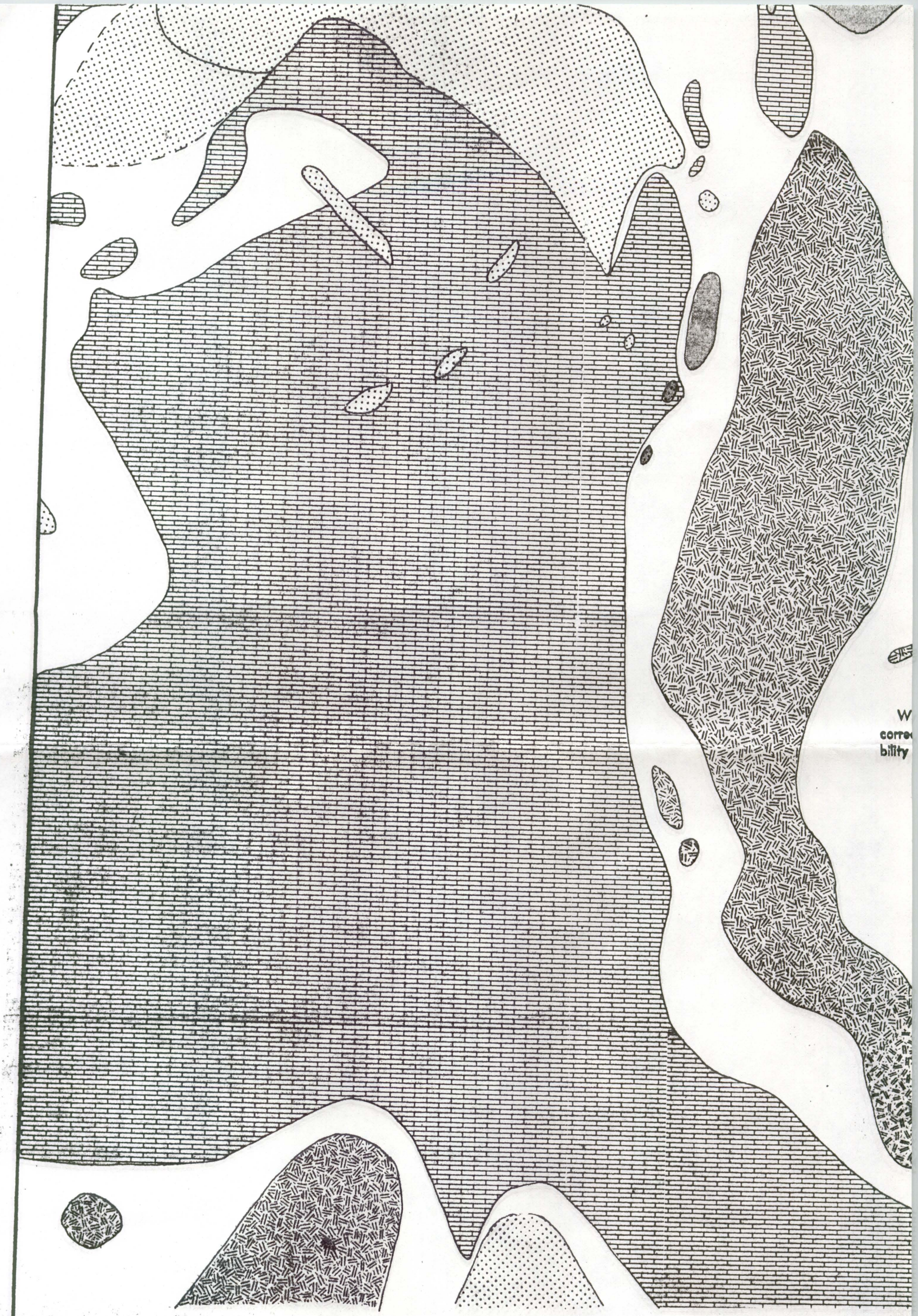
Outline of rock outcrop within 0-20 ft.

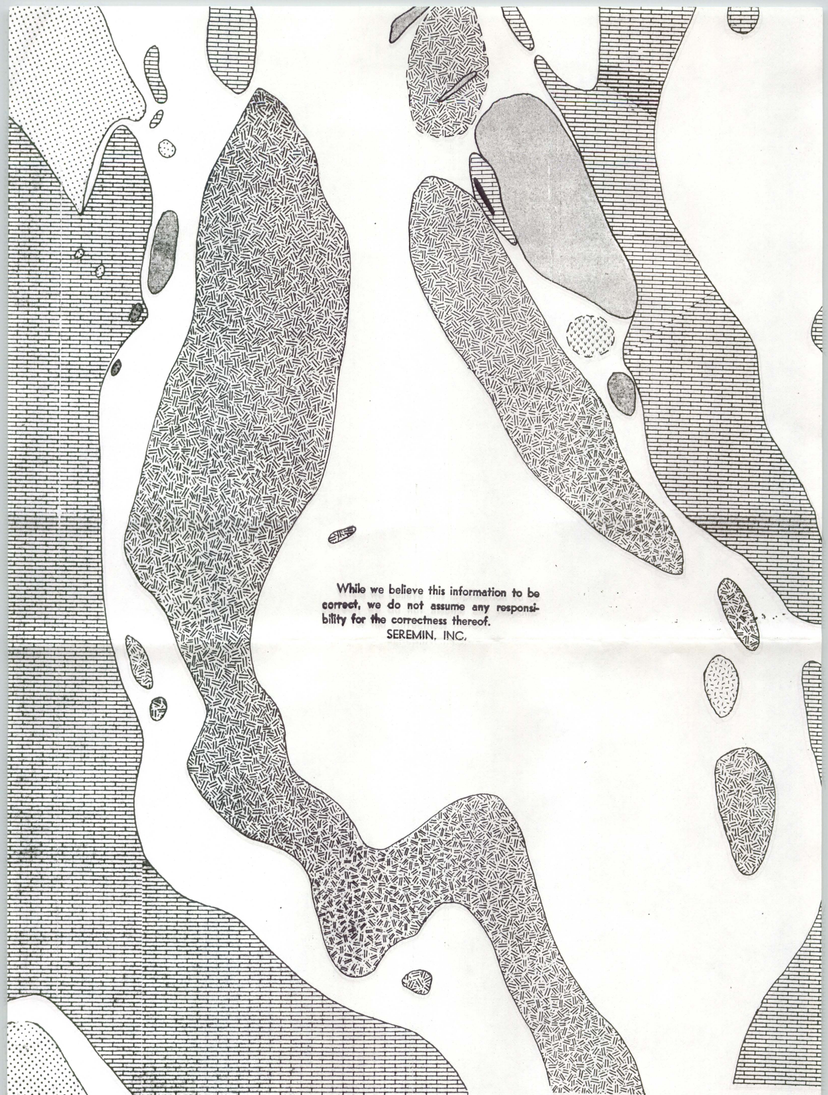
Outline of outcrop or area of float within 0-50 ft.

• Rock sample location, on surface

O Rock sample location, underground







While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

ation to be
y responsi-
f.

SEREMIN, INC.

SHUDBEGUD PROJECT

NYE COUNTY, NEVADA

By

James B. Paces

October 1980

The Shudbegud tungsten prospect, northeastern Nye County, Nevada, consists of a small, localized scheelite-bearing tactite situated near the contact between a thin, veneer-like layer of overlying calcium-rich sediments and an underlying foliated intrusive body. A sequence of Cambrian limestones, chloritic quartzites and limey shales have been emplaced on top of a Mesozoic or older quartz-monzonite porphyry by means of a low-angle, thrust-type fault. The accompanying shear stress has strongly deformed the sediments and has created a cataclastic-type gneiss from the quartz-monzonite intrusive. Continued compressive deformation has warped the rocks in the Shudbegud vicinity upwards creating a large antiformal structure which has allowed subsequent erosion to expose the window of gneiss along with two areas of tactite formation. (See Figure 1.)

Narrow beds of tactite have been exposed on both the northwest and southeast sides of the mine area. Both of these two to 10 foot thick zones have been partially mined in the past and both show fairly good potential for tungsten mineralization. Tactite exposed in the larger of the two workings, the Terrell Mine, and in the cut above the Northridge Mine, consists of a relatively high temperature assemblage which commonly includes pyroxene (salite to hedenbergite), actinolite, epidote and quartz with occasional garnet, calcite and fluorite. Scheelite occurs within these tactite zones as disseminated subhedral to euhedral grains whose size ranges from less than 1 mm up to 20 mm in diameter with ore grades ranging from 0.5% WO_3 to greater than 2% WO_3. Mineralization also occurs to a lesser degree in calc-silicate limestone, monzonite and hydrothermal quartz, however, scheelite is usually very finely disseminated in these other lithologies and is strongly subordinant in grade and thickness to the tactite zones. Figures 2, 3 and 4 show the underground geology and mineralization of both the Terrell and Northridge Mines.

Seremin, Inc., has recently completed an exploration program at the Shudbegud prospect which has included the drilling of seven diamond core holes in an attempt to locate a down dip extension of the exposed tactite horizons and to determine the extent of mineralization in the area. Five holes were drilled north of the Terrell Mine and two holes were drilled northeast of the Northridge Mine (Figure 5). Though several of these holes intersected small intervals of low-grade tactite and calc-silicate limestone, down dip extensions of the high-grade tactite horizons exposed on either side of the canyon were not discovered. Assay results from these weakly

mineralized zones contained tungsten values which were generally less than 0.1% WO_3, though several thin anomalous zones contained up to 0.3% WO_3. Since no down dip extensions could be located in drill holes as close as 100 feet to the north of the Terrell Mine, it is assumed that the high grade tungsten deposits are strongly localized and pinch out shortly after the underground workings are terminated.

It is postulated that the genesis of these deposits is related to a hydrothermal origin rather than caused by contact metasomatism. Therefore, mineralization is controlled by a localizing mechanism which has limited the volume of ore deposition.

This may also explain why mineralization has not occurred elsewhere along the exposed gneiss/sediment contact as might well be expected if the gneiss were originally intruded into the overlying sediments in situ.

A small amount of ore whose grade averages 0.2% WO_3 or less undoubtedly remains in the direct vicinity of the existing workings. Since the tactite has little downdip extent, however, tonnage values are very low and therefore, the feasibility of mining this deposit is uneconomic.

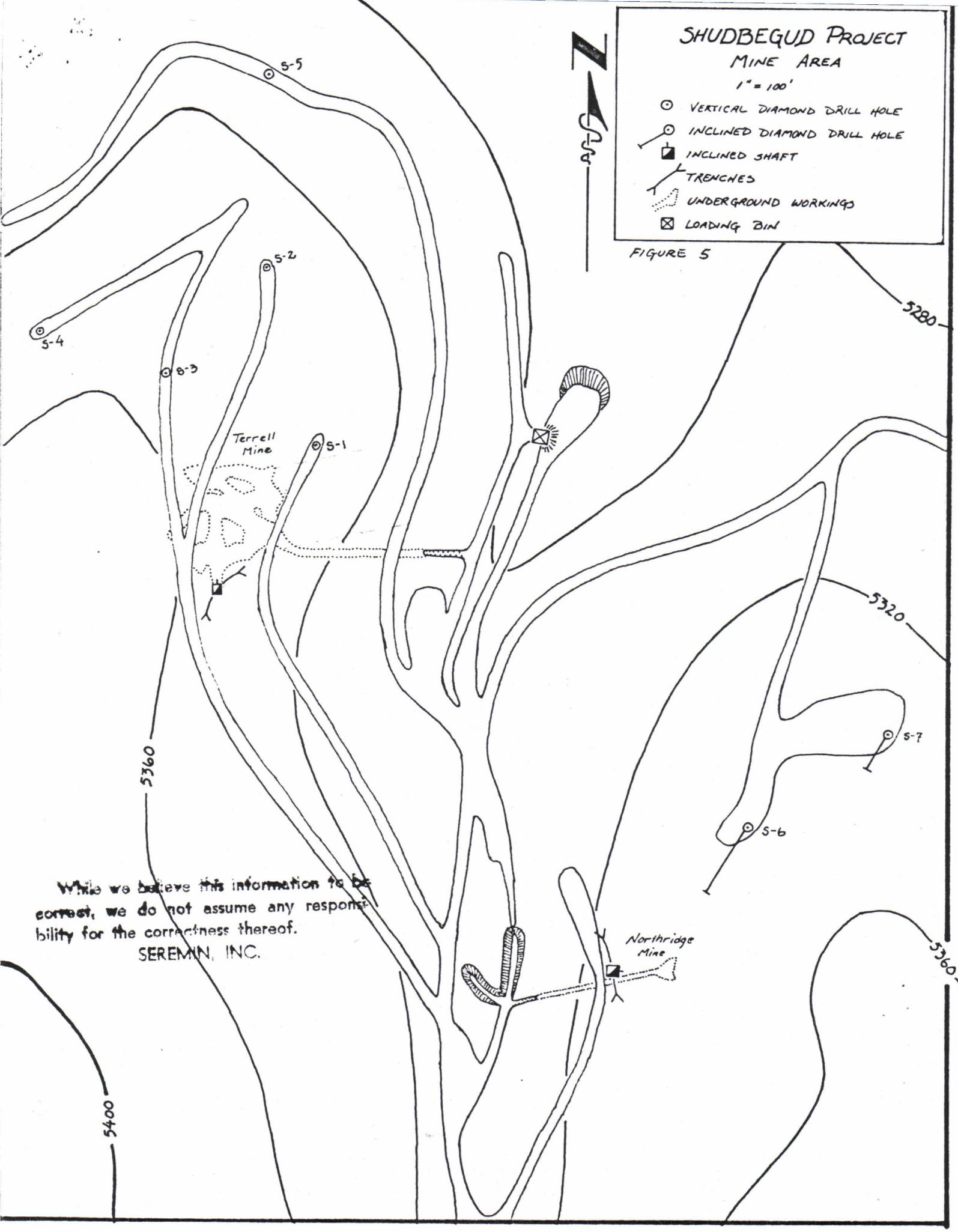
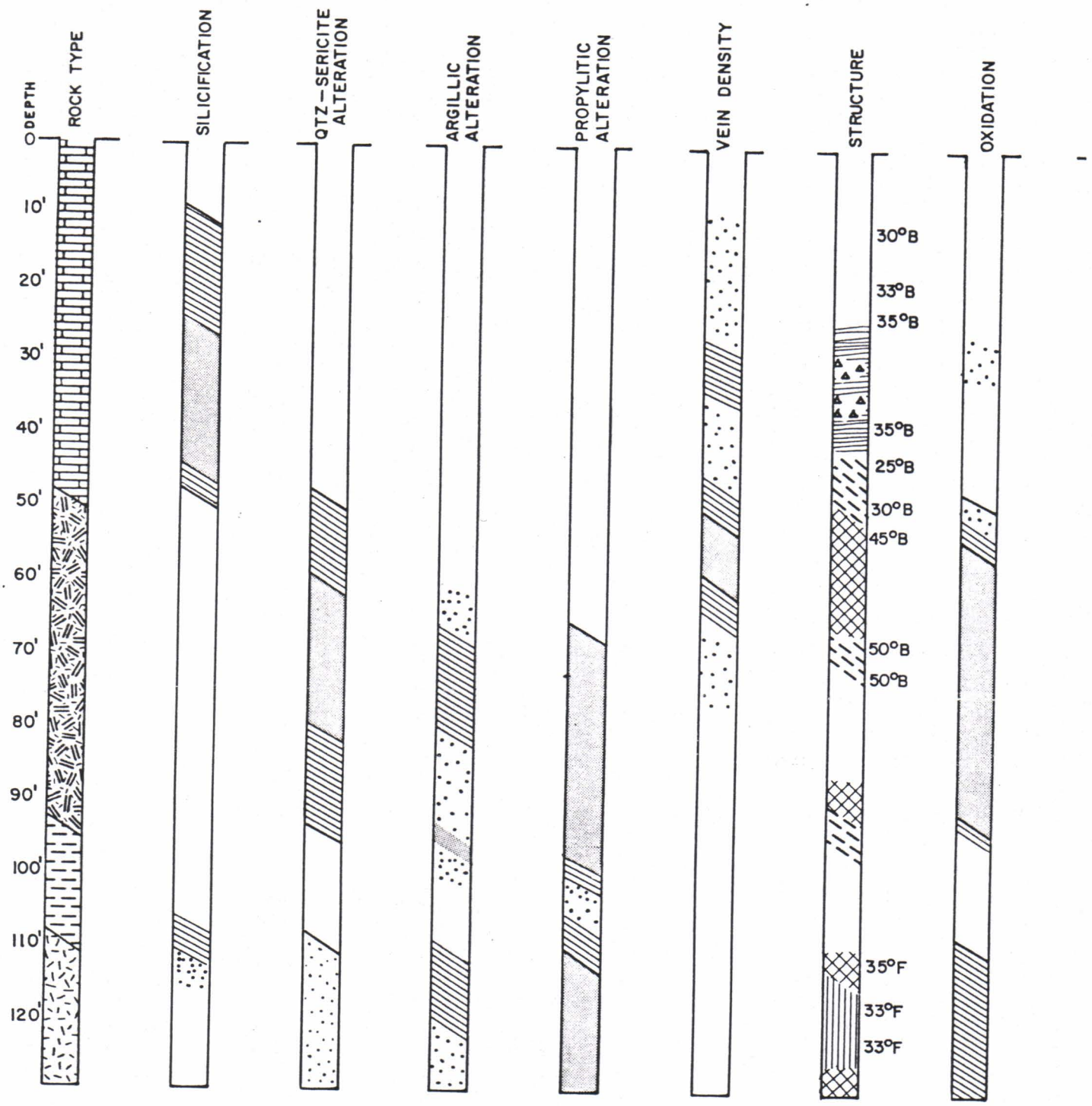


FIGURE 5

SHUDBEGUD, HOLE S-1



Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

B Dip of Bedding
F Dip of Foliation

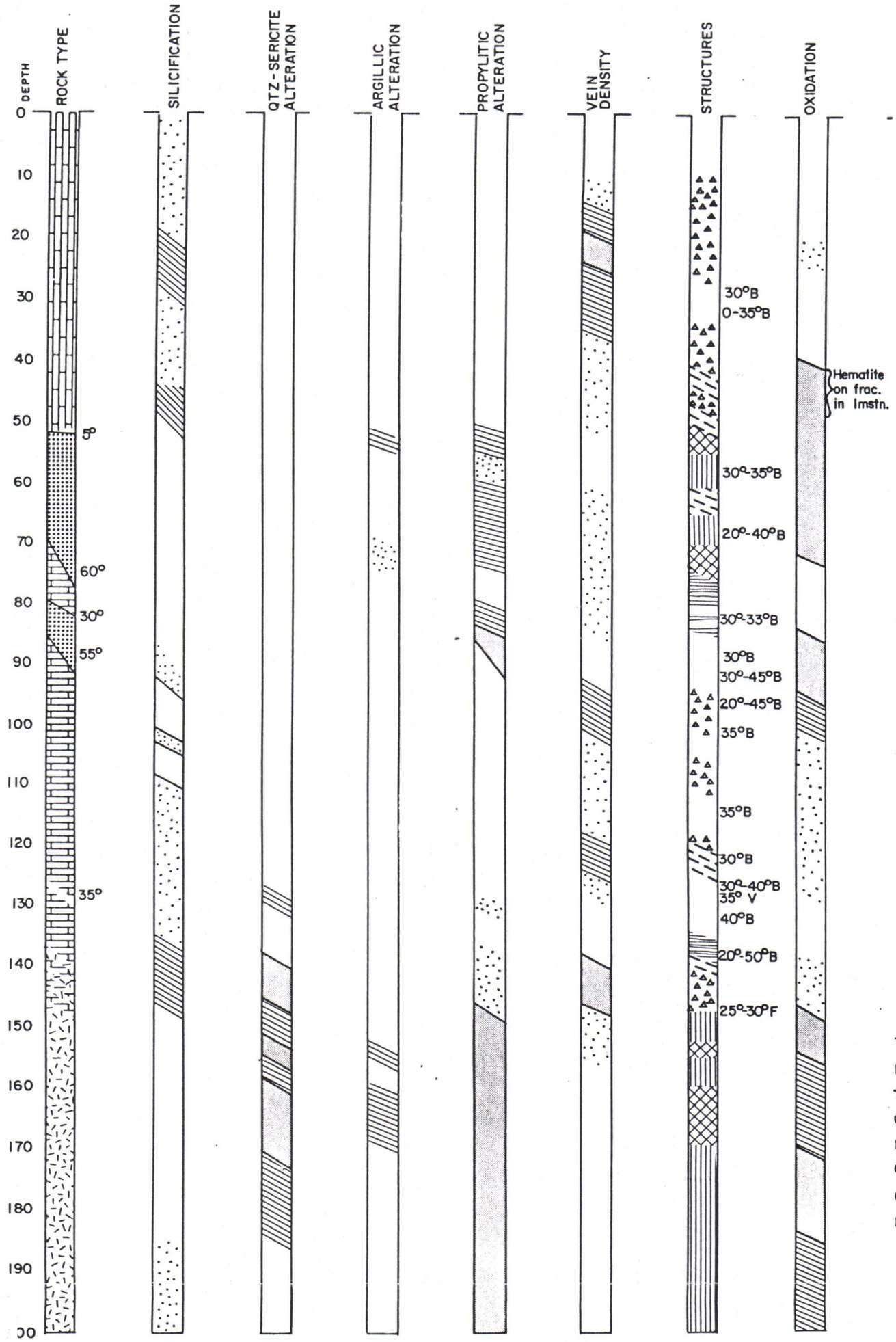
Weak
Moderate
Strong

0 20
1" = 20'

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

HOLE S-2



Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

B Dip of Bedding
F Dip of Foliation

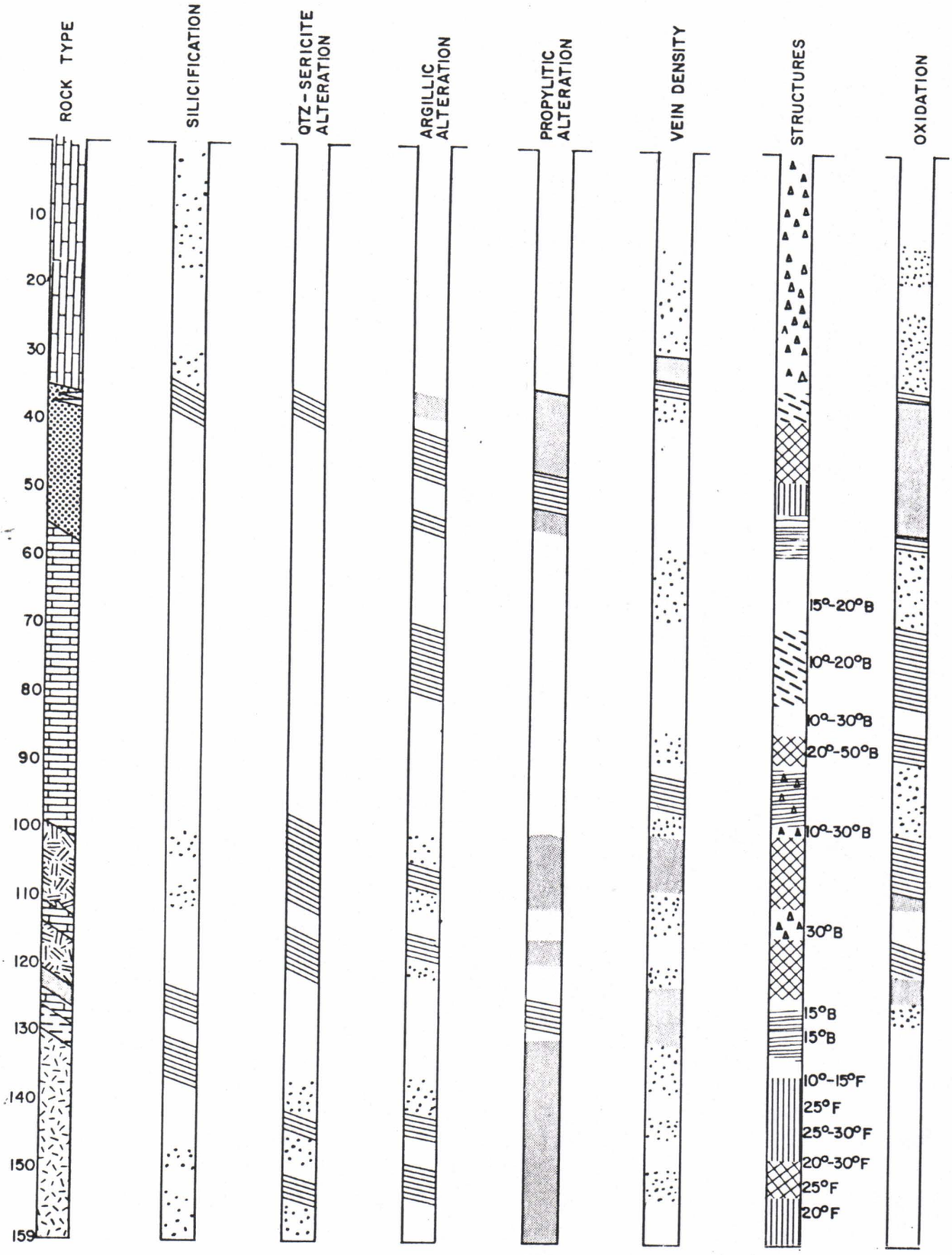
Weak
Moderate
Strong

0 20
1" = 20'

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

SHUD BEGUD: HOLE S-3



Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

B Dip of Bedding
F Dip of Foliation

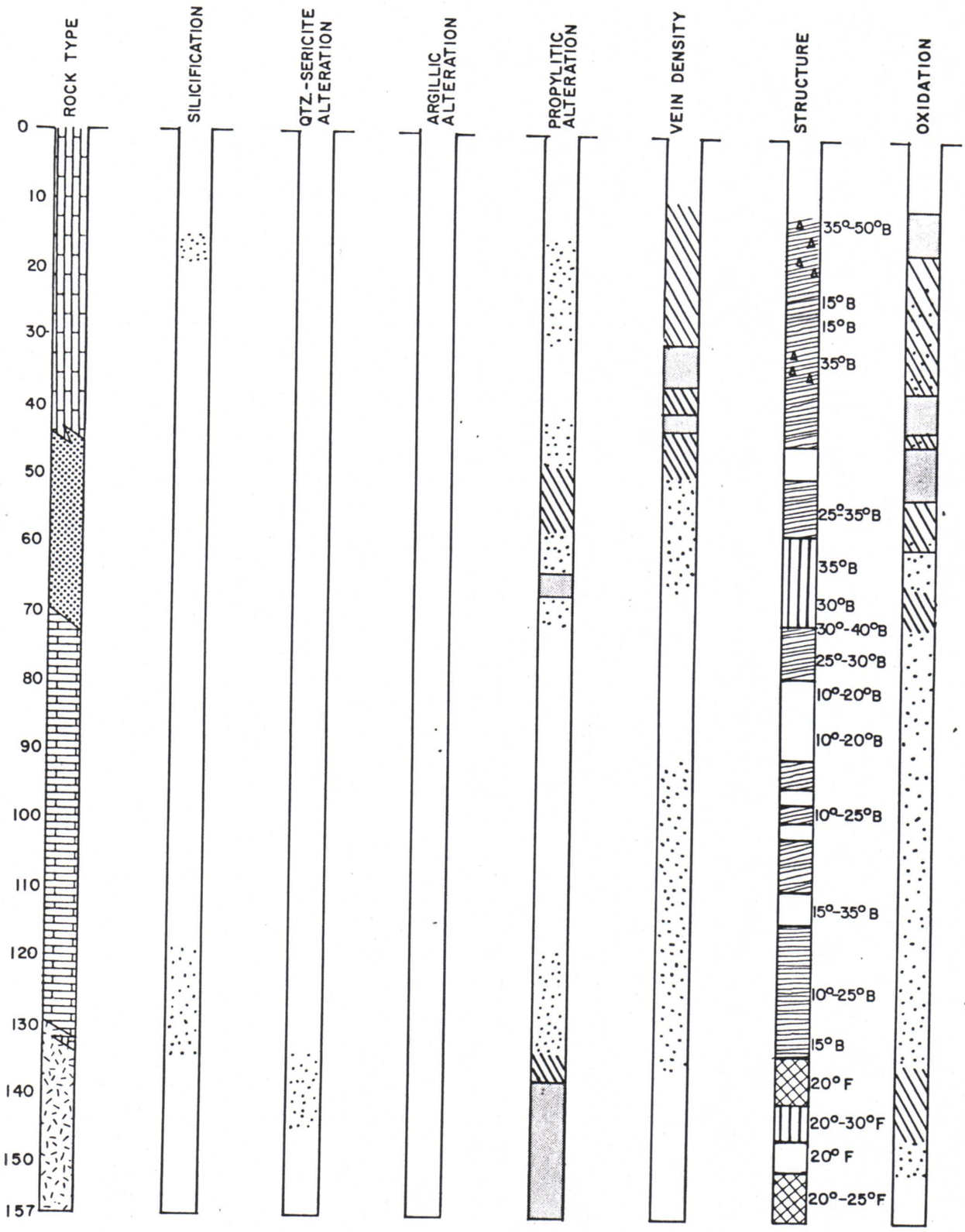
Weak
Moderate
Strong

0 20
1" = 20'

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

SHUDBEGUD PROJECT HOLE S-4



Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

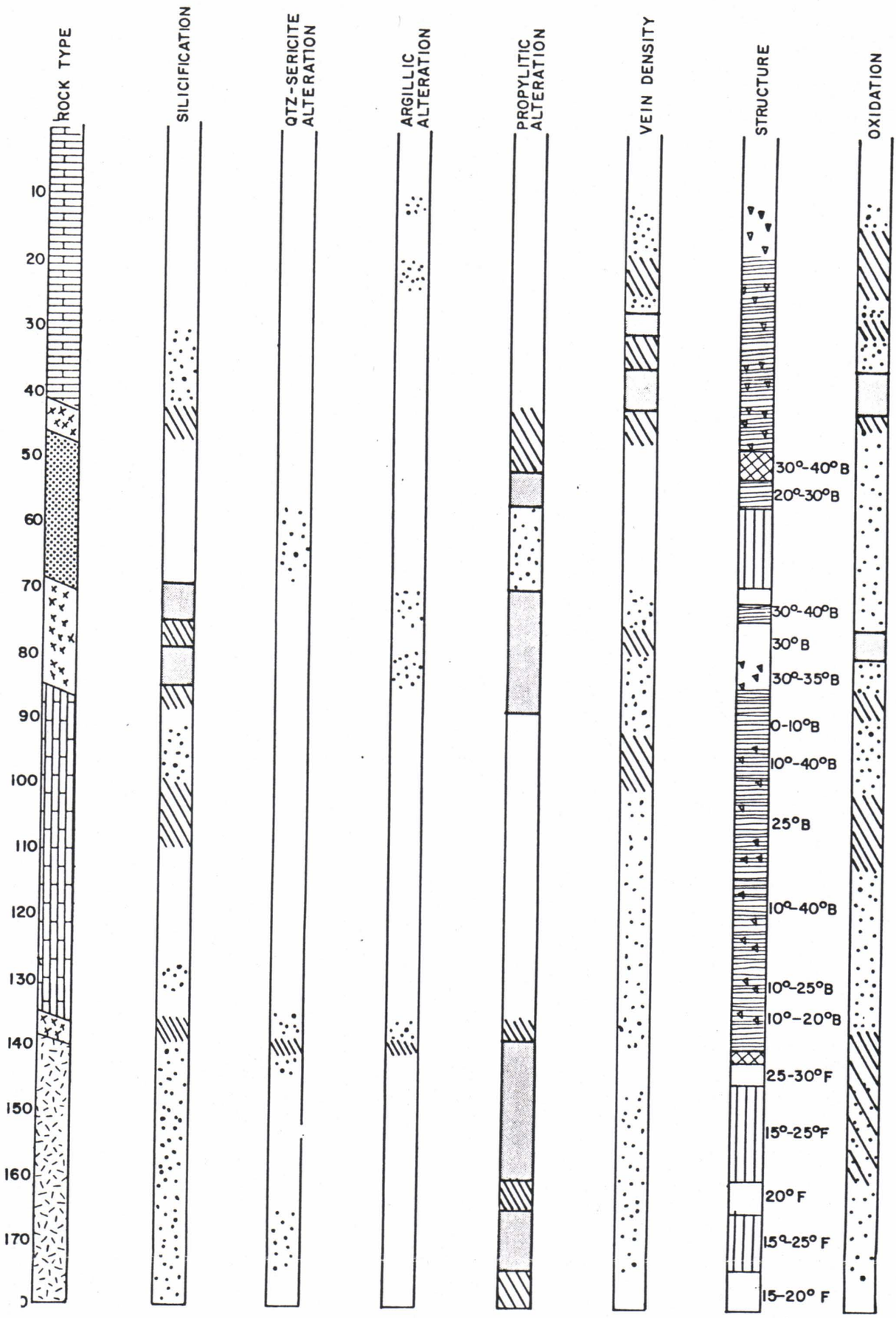
B Dip of Bedding
F Dip of Foliation

Weak
Moderate
Strong

0 20
1" = 20'

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

SHUDBEGUD PROJECT HOLE S-5



Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

B Dip of Bedding
F Dip of Foliation

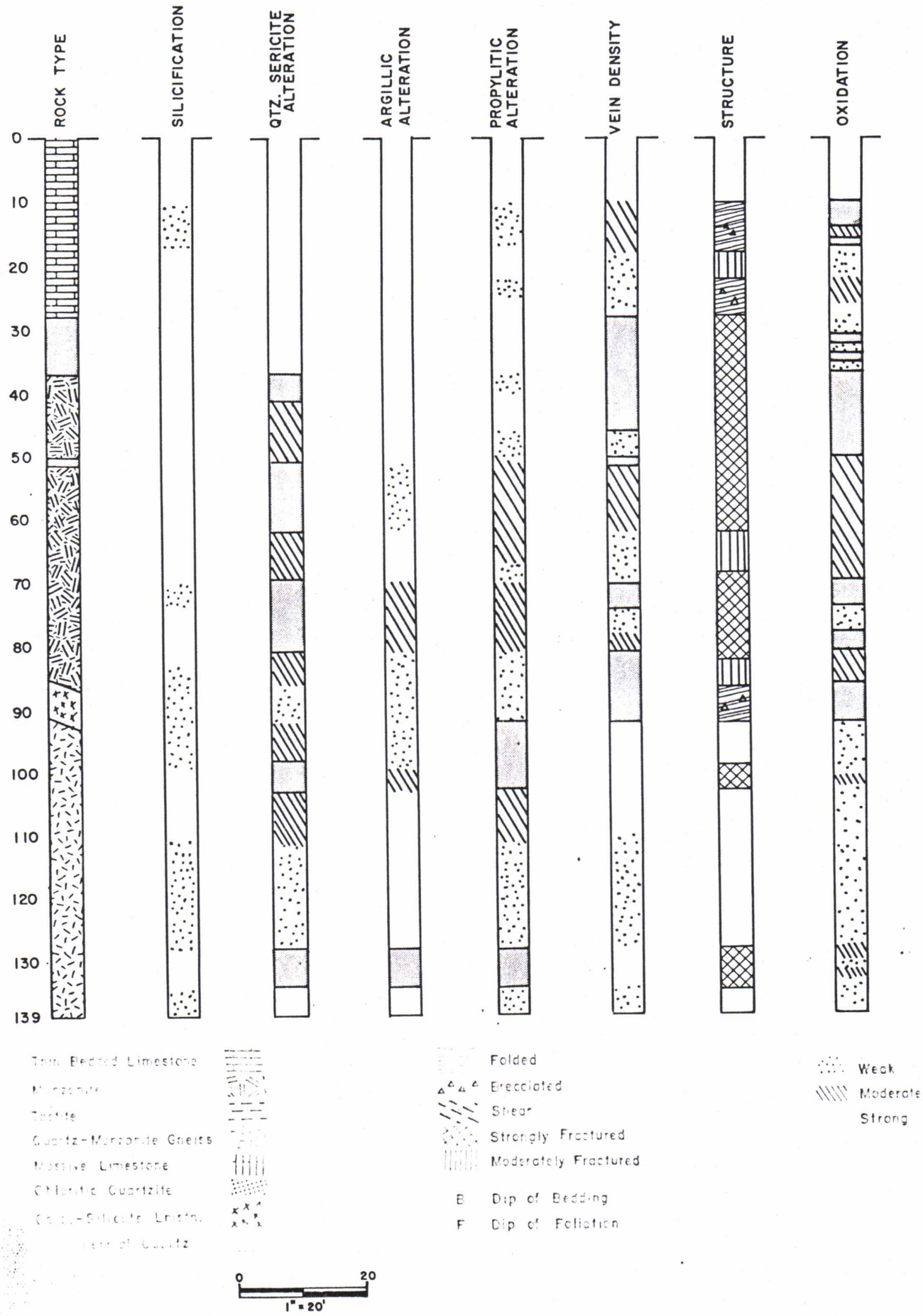
Weak
Moderate
Strong

0 20
1" = 20'

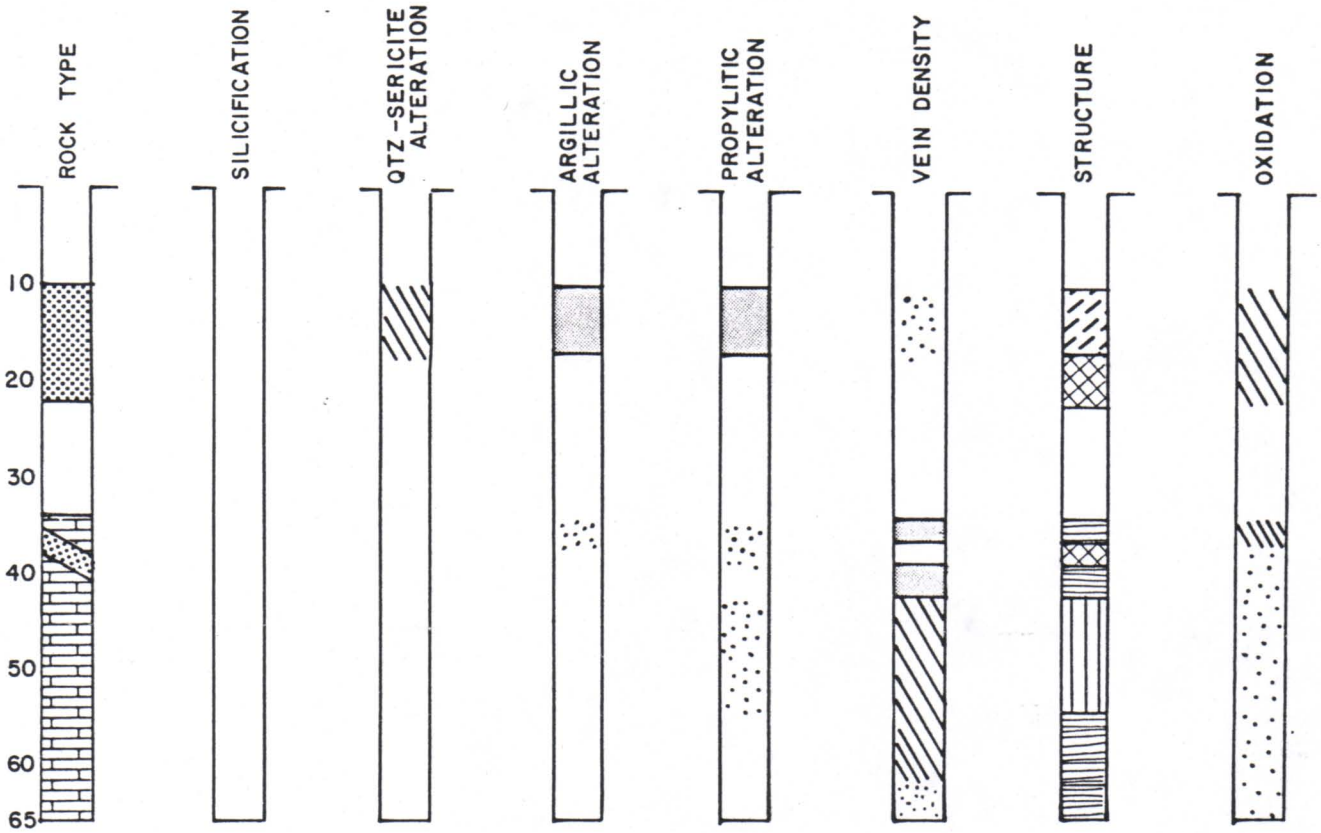
While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

SHUDBEGUD PROJECT HOLE S-6



SHUDBEGUD PROJECT HOLE S-7



1" = 20'

Thin Bedded Limestone
Monzonite
Tactite
Quartz-Monzonite Gneiss
Massive Limestone
Chloritic Quartzite
Calc.-Silicate Lmstn.
Hydrothermal Quartz

Folded
Brecciated
Shear
Strongly Fractured
Moderately Fractured

B Dip of Bedding
F Dip of Foliation

Weak
Moderate
Strong

0 20
1" = 20'

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

ROCKY MOUNTAIN GEOCHEMICAL CORP.
1323 W. 7900 SOUTH • WEST JORDAN, UTAH 84084 • PHONE: (801) 255-3558
WEST JORDAN OFFICE

RECEIVED
Date 8/18/80

Certificate of Analysis

RMGC Numbers:
Local Job No.: 80-23-14-SL
Foreign Job No.:
Invoice No.: M 101759

Date: August 14, 1980

Client: Seremin, Inc.
136 Linden Street
Reno, Nevada 89502

Attn: James B. Paces

Client Order No.: none

Report On: 16 Rock Samples

Submitted by: James B. Paces

Date Received: 8/7/80

Analysis: Tungsten

Analytical Methods: Determined colormetrically.

Remarks:

cc: enc.
file (2)
GJC/lw

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Seremin, Inc.

Date 8/14/80 RMGC Job No. 80-23-14-SL

Sample No.	ppm Tungsten
SBG - 1 - 23	10
29.5	5
36	-5
43	5
47.5	5
54.5	55
61	190
68.5	20
76	15
87.5	10
92	20
98.5	140
105.5	5
110	250
116	5
SBG - 1 - 122	-5

By Jim Cardwell
Jim Cardwell

ROCKY MOUNTAIN GEOCHEMICAL CORP.
1323 W. 7900 SOUTH • WEST JORDAN, UTAH 84084 • PHONE: (801) 255-3558
WEST JORDAN OFFICE

Certificate of Analysis

RMGC Numbers:
Local Job No. 80-30-36-SL
Foreign Job No.: 80-17-23R
Invoice No. M 102170

Date: October 9, 1980

Client: Seremin, Inc.
136 Linden Street
Reno, Nevada 89502

Attn: J. B. Paces

Client Order No.: none

Report On: 12 Reno Pulp

Submitted by: J. B. Paces

Date Received: 9/24/80

Analysis: WO_3

Analytical Methods: Determined colormetrically.

Remarks: enc.

cc: file (2)
report: RMGC - Reno
GJC/lw

Sample No.	ppm WO_3	Sample No.	ppm WO_3
S-3 102 - 4	10	S-3 115 - 19	0.11%
104 - 5	0.64%	119 - 20	20
105 - 6	45	120 - 25	0.039%
106 - 7	0.26%	125 - 28	0.10%
107 - 8	50	128 - 30	25
S-3 113 - 15	20	S-3 130 - 34	20

By Jim Cardwell
Jim Cardwell

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

ROCKY MOUNTAIN GEOCHEMICAL CORP.
1323 W. 7900 SOUTH • WEST JORDAN, UTAH 84084 • PHONE: (801) 255-3558
WEST JORDAN OFFICE

RECEIVED
Date 9/29/80

Certificate of Analysis

RMGC Numbers:
Local Job No. 80-29-42-SL
Foreign Job No.: 80-19-46R
Invoice No.: M 102067

Date: September 26, 1980

Client: Seremin, Inc.
136 Linden Street
Reno, Nevada 89502

Attn: J. B. Paces

Client Order No.: none

Report On: 6 Reno pulp

Submitted by: J. B. Paces

Date Received: 9/18/80

Analysis: WO_3

Analytical Methods: Determined colormetrically.

Remarks: enc.
file (2)

cc: reportg: RMGC - Reno
GJC/lw

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

Sample No.	ppm WO_3
S-4 -126-129	90
S-4 - 129-33	0.047%
S-4 - 133-35	-5
S-5 - 135-37	175
S-5 - 137-39	0.13%
S-5 - 139-41	20

By Jim Cardwell
Jim Cardwell

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

ROCKY MOUNTAIN GEOCHEMICAL CORP.
1323 W. 7900 SOUTH • WEST JORDAN, UTAH 84084 • PHONE: (801) 255-3558
WEST JORDAN OFFICE

Certificate of Analysis

RMGC Numbers:
Local Job No. 80-30-42-SL
Foreign Job No. 80-21-31R
Invoice No. M 102171

Date: October 9, 1980

Client: Seremin, Inc.
136 Linden Street
Reno, Nevada 89502

Attn: J. B. Paces

Client Order No.: none

Report On: 4 Reno pulp

Submitted by: J. B. Paces

Date Received: 9/26/80

Analysis: WO_3

Analytical Methods: Determined by colorimeter.

Remarks:

cc: enc.
file (2)
Report: RMGC - Reno
GJC/lw

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

Sample No.	ppm WO_3
S-6-80-84	25
S-6-84-88	0.15%
S-6-88-92	0.14%
S-6-92-96	75

By Jim Cardwell
Jim Cardwell

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

ROCKY MOUNTAIN GEOCHEMICAL CORP.
1323 W. 7900 SOUTH • WEST JORDAN, UTAH 84084 • PHONE: (801) 255-3558

WEST JORDAN OFFICE

RECEIVED
Date 8/18/80

Certificate of Analysis

RMGC Numbers:
Local Job No. 80-23-14-SL
Foreign Job No.:
Invoice No. M 101760

Date: August 14, 1980

Client: Seremin, Inc.
136 Linden Street
Reno, Nevada 89502

Attn: Sergio Pastor

Client Order No.: none

Report On: 5 of 16 Rock Samples

Submitted by: James B. Paces

Date Received: 8/7/80

Analysis: Gold and Silver

Analytical Methods: Determined by fire assay.

Remarks:

cc: enc.
file (2)
GJC/lw

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

Sample No.	oz/ton Gold	oz/ton Silver
SBG - 1 - 29.5	-0.005	-0.10
47.5	-0.005	-0.10
76	-0.005	-0.10
98.5	-0.005	-0.10
SBG - 1 - 122	-0.005	-0.10

By Jim Cardwell
Jim Cardwell

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates.
ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

RECEIVED
Date 8/18/80

Western Testing Laboratories

1080 Linda Way, No. 3
Sparks, Nevada 89431
Telephone: (702) 331-3600

Report of Analysis

Submitted by: Sergio Pastor
136 Linden
Reno, NV 89502

Date: August 12, 1980
Laboratory number: 221-3
Analytical method: Fire Assay
Your order number:
Invoice number: B615

Report on: Au, Ag

Sample	Au (Oz/Ton)	Ag (Oz/Ton)
S-2-26G	0.002	0.00
S-2-50G	0.008	0.00
S-2-75G	0.004	0.00
S-2-100G	0.004	0.09
S-2-125G	-0.002	0.04
S-2-150G	-0.002	0.04

Charles Gustofson
Laboratory Manager

ppm = Parts per million
Percent = Parts per hundred
1 oz/ton = 34.286 ppm
1.0% = 20 pounds/ton

Oz/ton = Troy ounces per ton of 2000 pounds avoirdupois
Fineness = Parts per thousand
1 ppm = 0.0001% 1 ppm = 0.029167 oz/ton
Read + as "greater than." Read – as "less than."

ROCKY MOUNTAIN GEOCHEMICAL CORP.
840 GREG STREET · SPARKS, NEVADA 89431 · PHONE: (702) 359-6311
RENO OFFICE

RECEIVED
Date 8/27/80

Certificate of Analysis

RMGC Numbers:
Local Job No.: 80-17-24R
Foreign Job No.:
Invoice No. R17758

Date: August 22, 1980

Client: Seremin, Inc.
136 Linden St.
Reno, Nevada 89502

Client Order No.: none

Report On: 7 samples

Submitted by: J.B. Paces

Date Received: August 15, 1980

Analysis: Gold

Analytical Methods: Determined by fire assay.

Remarks: none

cc: Enclosed
RMGC - SLC
File

FAB/jh

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Seremin, Inc. Date August 22, 1980 RMGC Job No. 80-17-24R

Sample No.	Oz/T Gold
S-2-175G	-0.005
S-2-200G	-0.005
S-3-25G	0.006
S-3-50G	0.006
S-3-75G	-0.005
S-3-100G	-0.005
S-3-150G	-0.005

BY Floy A. Beecher

Floy A. Beecher

ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET · SPARKS, NEVADA 89431 · PHONE: (702) 359-6311

RENO OFFICE

Certificate of Analysis

RECEIVED
Date 8/27/80

RMGC Numbers:
Local Job No.: 80-17-23R
Foreign Job No.:
Invoice No.: R17757

Date: August 22, 1980

Client: Seremin, Inc.
136 Linden St.
Reno, Nevada 89502

Client Order No.: none

Report On: 12 samples

Submitted by: J.B. Paces

Date Received: August 15, 1980

Analysis: Gold

Analytical Methods: Determined by fire assay.

Remarks: WO_3 results will be sent by Salt Lake Lab.

cc: Enclosed
RMGC - SLC
File

FAB/jh

Sample No.	Oz/T Gold
5-3-120-25	-0.005

BY _____
Floy A. Beecher

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.

SEREMIN, INC.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

ROCKY MOUNTAIN GEOCHEMICAL CORP.
840 GREG STREET · SPARKS, NEVADA 89431 · PHONE: (702) 359-6311
RENO OFFICE

Certificate of Analysis

RECEIVED
Date 9/19/80

Date: September 16, 1980

Client: Seremin, Inc.
136 Linden St.
Reno, Nevada 89502

RMGC Numbers:
Local Job No.: 80-19-45R
Foreign Job No.:
Invoice No.: R17940

Client Order No.: none

Report On: 13 samples

Submitted by: J.B. Paces

Date Received: September 3, 1980

Analysis: Gold

Analytical Methods: Determined by fire assay.

Remarks: none

cc: Enclosed
RMGC - SLC
File

FAB/jh

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Seremin, Inc. Date September 16, 1980 RMGC Job No. 80-19-45R

Sample No.	Oz/T Gold
S-4-25G	-0.005
S-4-50G	-0.005
S-4-75G	-0.005
S-4-100G	-0.005
S-4-125G	-0.005
S-4-150G	-0.005
S-5-25G	-0.005
S-5-50G	-0.005
S-5-75G	-0.005
S-5-100G	-0.005
S-5-125G	-0.005
S-5-150G	-0.005
S-5-175G	-0.005

SEREMIN, INC.

BY Floy A. Beecher

Floy A. Beecher

ROCKY MOUNTAIN GEOCHEMICAL CORP.

840 GREG STREET · SPARKS, NEVADA 89431 · PHONE: (702) 359-6311

RENO OFFICE

Certificate of Analysis

RECEIVED
Date 10/6/80

Date: October 1, 1980

Client: Seremin, Inc.
136 Linden St.
Reno, Nevada 89502

RMGC Numbers:
Local Job No.: 80-21-32R
Foreign Job No.:
Invoice No.: R18291

Client Order No.: none

Report On: 7 samples

Submitted by: J.B. Paces

Date Received: Septe,ber 12, 1980

Analysis: Gold

Analytical Methods: Determined by fire assay.

Remarks: none

cc: Enclosed
RMGC - SLC
File

FAB/jh

While we believe this information to be correct, we do not assume any responsibility for the correctness thereof.
SEREMIN, INC.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Client Seremin, Inc. Date October 1, 1980 RMGC Job No. 80-21-32R

Sample No.	Oz/T Gold
S-6-25G	-0.005
S-6-50G	-0.005
S-6-75G	-0.005
S-6-100G	-0.005
S-6-125G	-0.005
S-7-25G	-0.005
S-7-50G	-0.005

BY Floy A. Beecher

Floy A. Beecher

RECEIVED
D 8/18/80

Western Testing Laboratories

1080 Linda Way, No. 3
Sparks, Nevada 89431
Telephone: (702) 331-3600

Report of Analysis

Submitted by: Sergio Pastor
136 Linden
Reno, NV 89502

Date: August 12, 1980

Laboratory number: 221-4

Analytical method: Fire Assay

Your order number:

Report on: Au, Ag

Invoice number: B616

Sample	Au (Oz/Ton)	Ag (Oz/Ton)
N-SB-1	0.006	0.00
N-SB-2	0.002	0.19
N-SB-3	0.002	0.00
N-SB-4	0.008	0.01
N-SB-5	0.002	0.00
N-SB-6	0.004	0.09
N-SB-7	0.004	0.03
N-SB-8	0.008	0.00
N-SB-9	0.004	0.00
N-SB-10	0.002	0.01
N-SB-11	0.002	0.00
N-SB-12	0.002	0.09

Charles Gustofson
Laboratory Manager

ppm = Parts per million
Percent = Parts per hundred
1 oz/ton = 34.286 ppm
1.0% = 20 pounds/ton

Oz/ton = Troy ounces per ton of 2000 pounds avoirdupois
Fineness = Parts per thousand
1 ppm = 0.0001% 1 ppm = 0.029167 oz/ton
Read + as "greater than." Read – as "less than."