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Item 20

4900 0020

18 Dec. 1980

Mike Jones
Freeport Exploration

Mike-

Here is the data on the tungsten property I mentioned to you earlier. The core is in Tonopah and may be looked at any time I briefly went through some of the boxes and noticed locally abundant pyrite in the intrusive. It had been sheared along foliation planes. Please feel free to examine the property whenever you wish. If you would mail the reports back to me I would appreciate it.

Ken Brook

SHUDBEGUD TUNGSTEN CLAIMS

The six Shudbegud claims are located in section 34, T7N, R57E MDBM in Nye County, Nevada about 25 miles SSW of Carrant, 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.

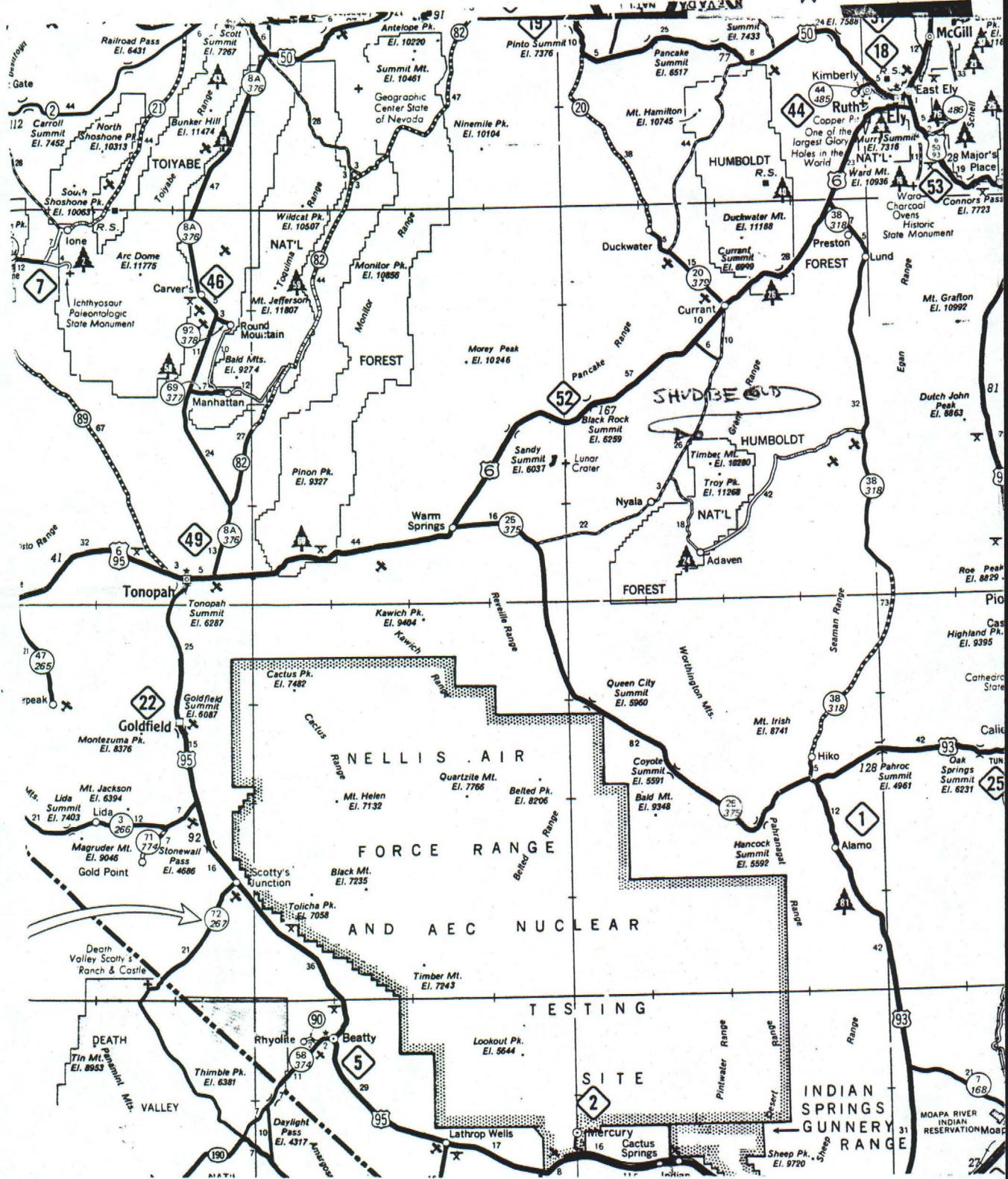
The geology of the area is relatively simple. A granodiorite (?) cupola has intruded a sequence of Paleozoic (?) sedimentary rocks, creating a domal structure. Erosion has breached the dome exposing the intrusive in an area 1600' x 1000' (see map). The intrusive is flanked by outward dipping, limestone,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

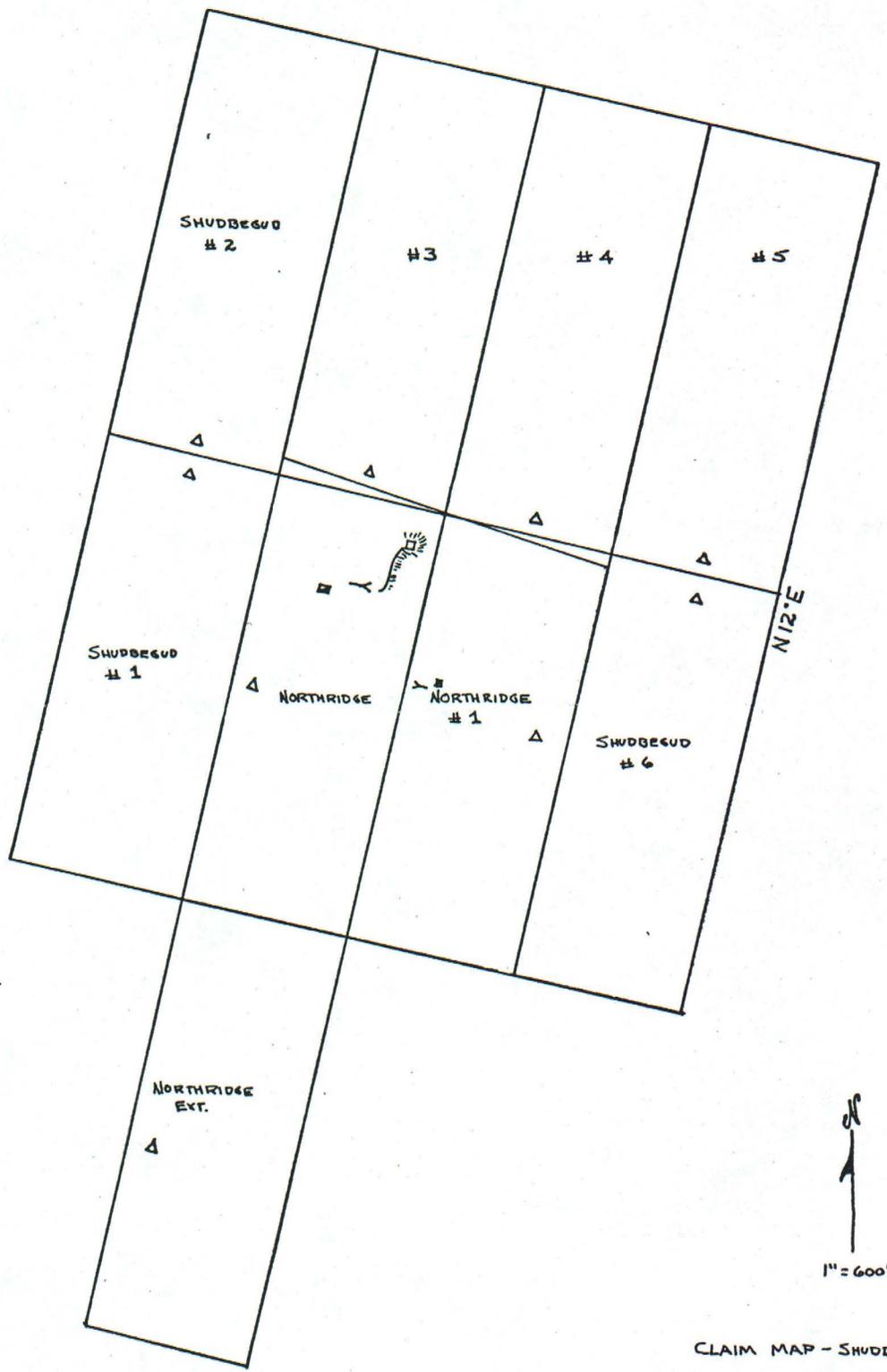
intrusive event has foliated the granodiorite, often giving it a gneissic texture, and has created numerous isoclinal folds in the sedimentary rocks. Preliminary mapping shows considerable variation in style, trend and attitude of folds which suggests several structural events have affected the area.

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.

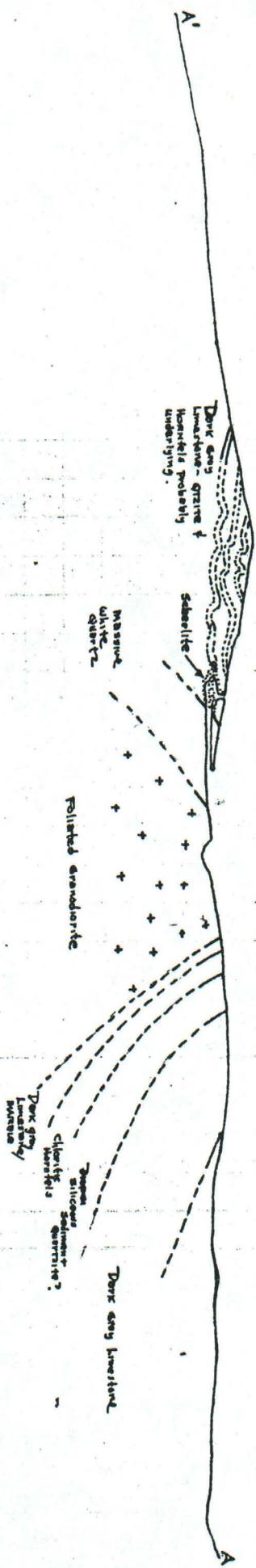
Ken Booth





CLAIM MAP - SHUDBEGUD GROUP
 NYE CO. NEVADA
 K. BROOK, NOV. 1978
 Δ - LOCATION MONUMENT

FIG 1



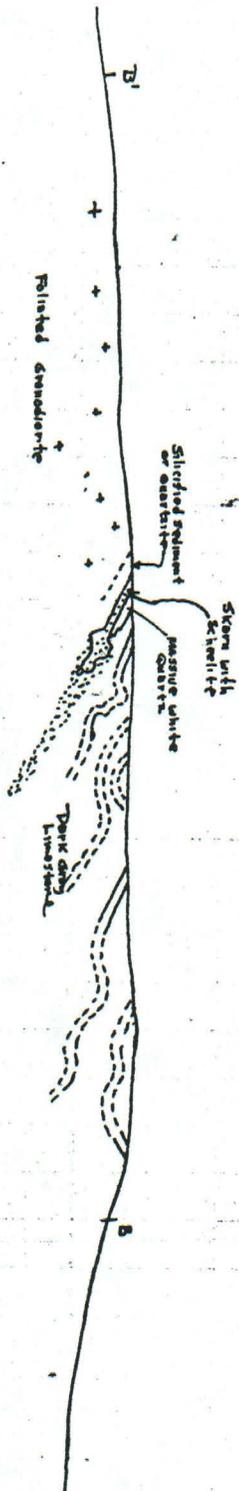
1" = 200'

A-A' CROSS SECTION

SHUBERTS CLAIMS

NYE CO. NEVADA.

K. BROOK, Nov. 1976



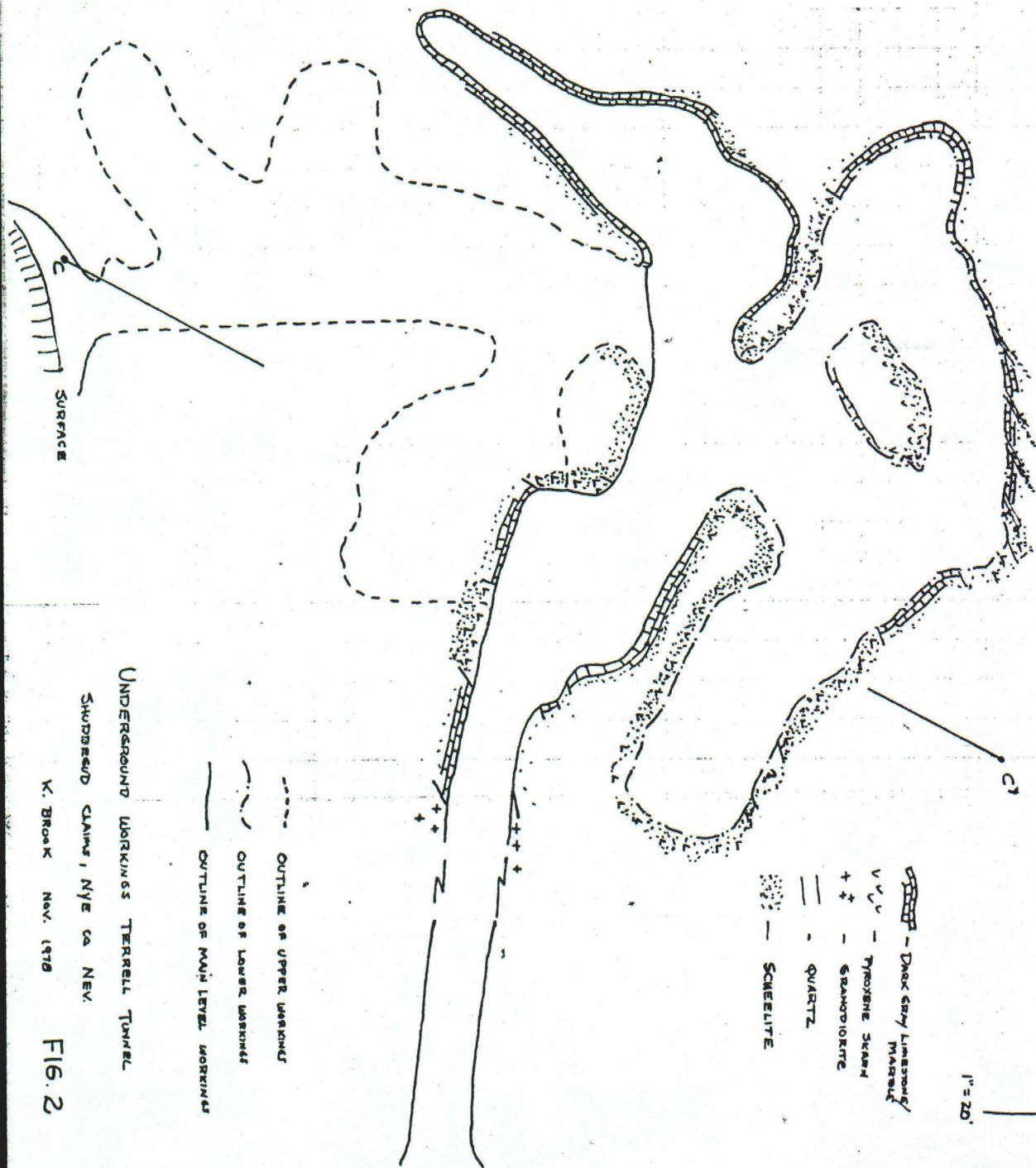
1" = 200'

B-B' CROSS SECTION

SHUDBERG CLAIMS

NIYE CO. NEVADA

K. BRONK NOV. 1978



UNDERGROUND WORKINGS TERRELL TUNNEL

SHUBBEID CLAIMS, NYE CO, NEV.

K. BROOK Nov. 1979

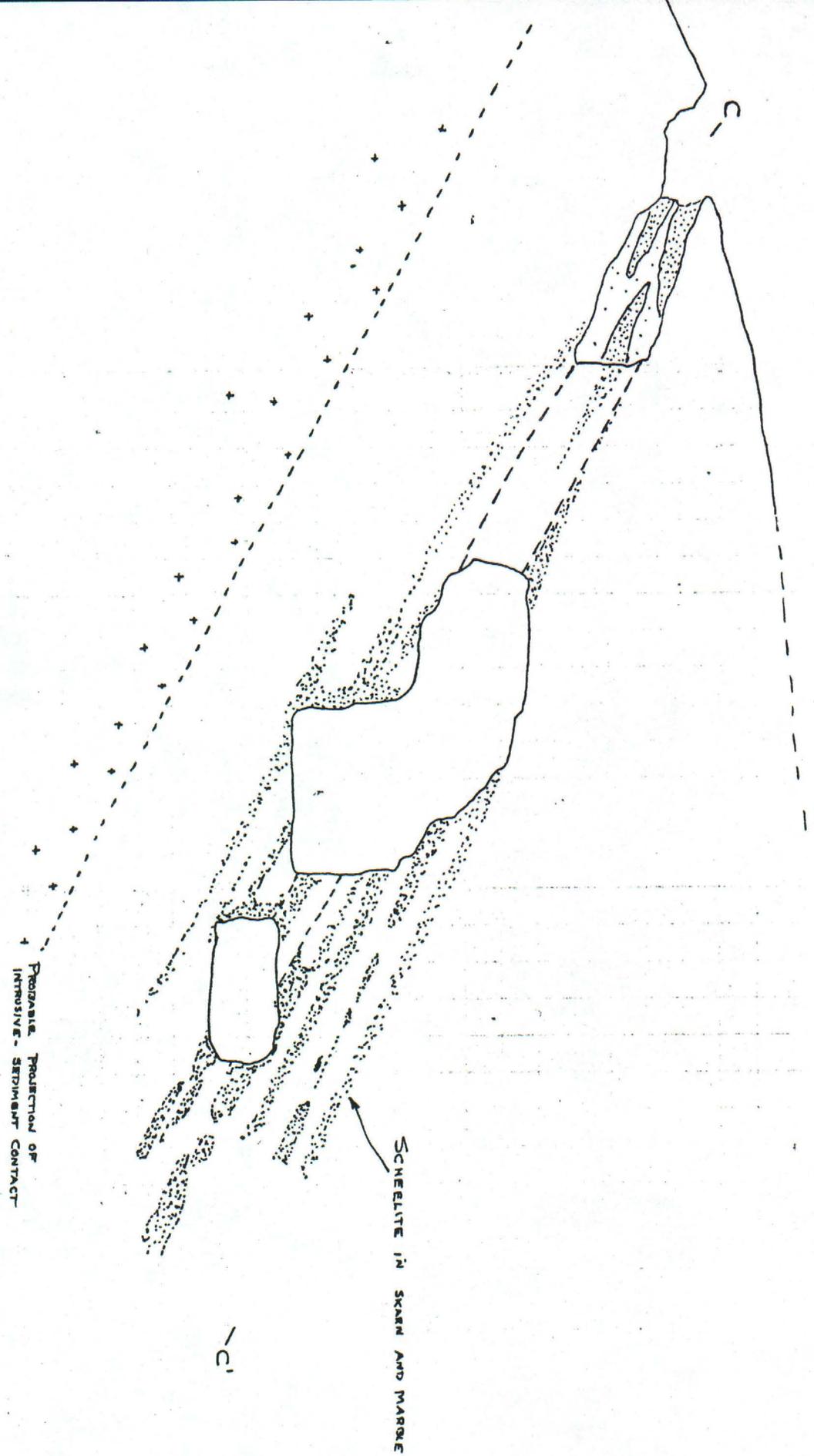


FIG. 3

N30E SECTION THROUGH

UNDERGROUND WORKINGS - C-C'

1"=20'

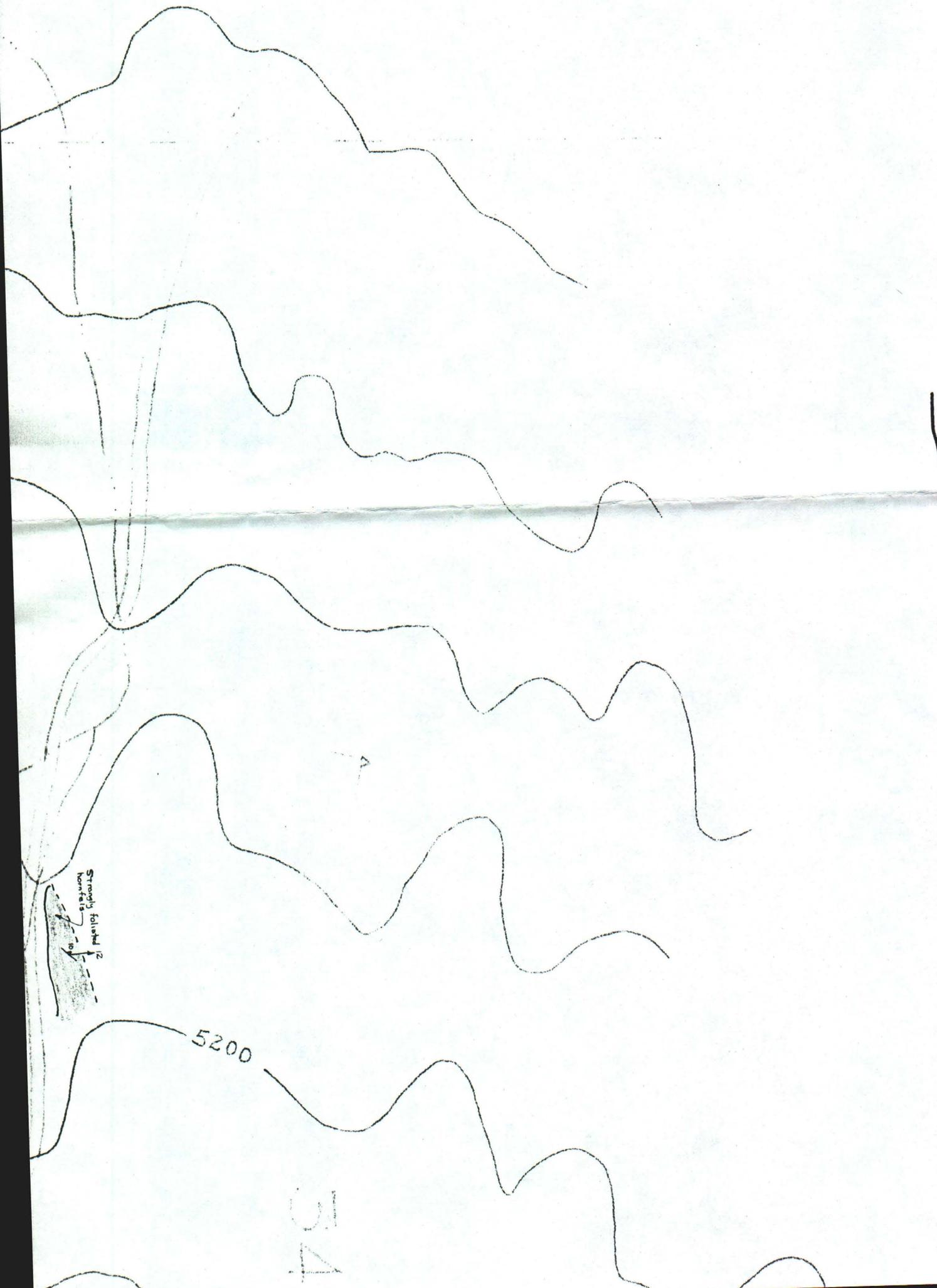
SHUBBERG CLAIMS NYE CO. NEV.

K. BROOK, NOV. 1978

EXPLANATION

-  Quaternary (?) Olivine Basalt
-  Gray-brown Limestone with brown calcite veinlets
-  Dark gray Limestone - Thin to Medium bedded
-  Fine grained white-buff Quartzite
-  Hornfels
-  Dark gray Limestone
-  Medium grained, foliated Granodiorite
-  Skarn - Predominantly Pyroxene





Strongly foliated
horstfels

5200

134

Dark gray limestone



Medium grained, foliated Granodiorite



Skarn - Predominantly Pyroxene



Quartz Veins



