UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
DIRECCION DE MINAS Y GEOLOGIA,
MINISTERIO DE AGRICULTURA DE LA REPUBLICA ARGENTINA

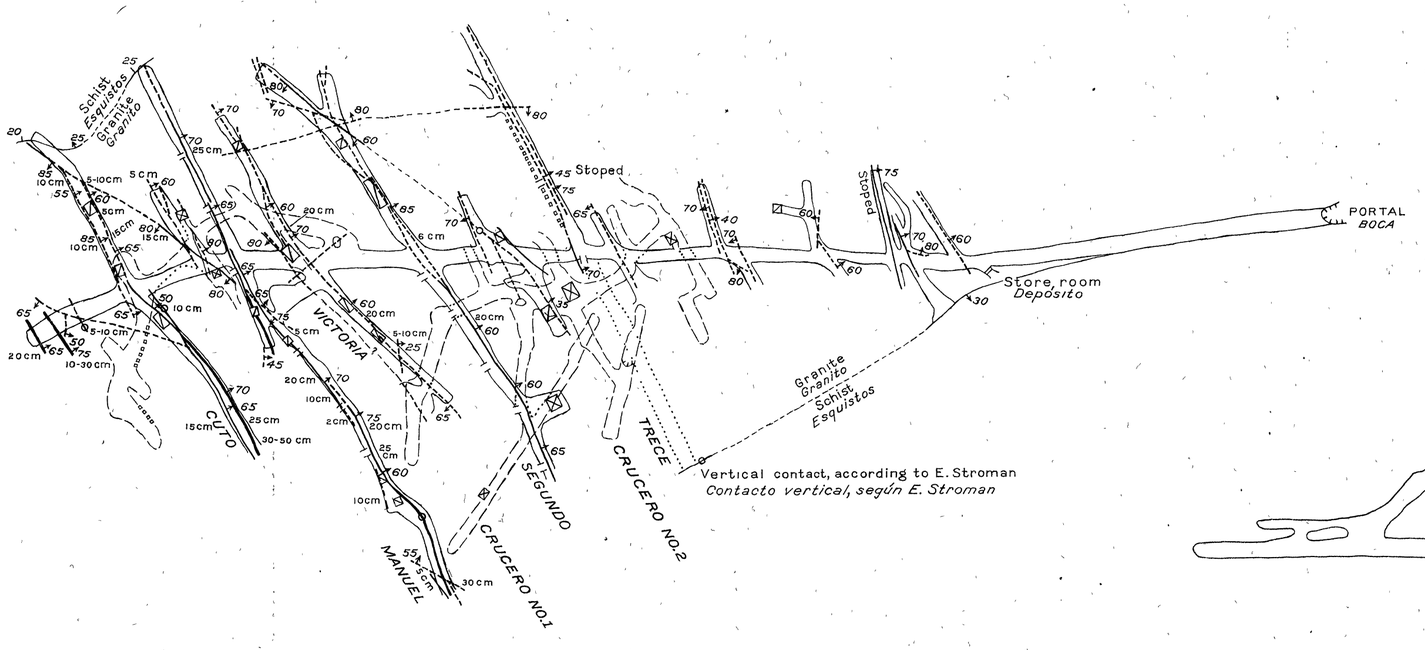
BULLETIN 954 PLATE 16

Geo
QE75
B9
no. 954
C.2

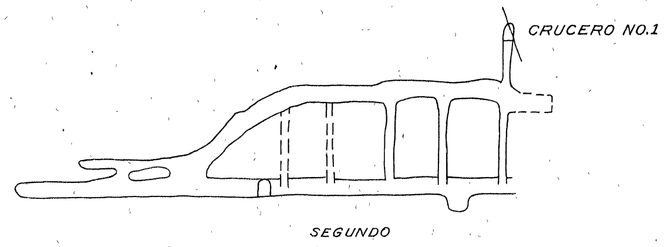
DEPARTMENT OF GEOLOGY
OHIO STATE UNIVERSITY

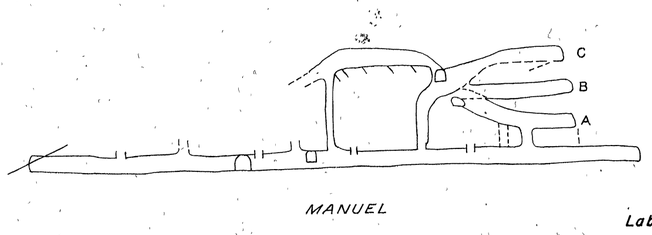
Orton Memorial Library of Geology
180 Orton Hall, 155 S. Oval Mall
The Ohio State University
Columbus, OH 43210

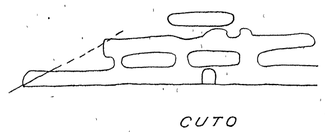
MAIN LEVEL, TORO WORKINGS
NIVEL PRINCIPAL, LABORES TORO



LONGITUDINAL PROJECTIONS
PROYECCIONES LONGITUDINALES







EXPLANATION
REFERENCIA

Vein less than 10 cm thick
Veta menos de 10 cm de espesor

Vein more than 10 cm thick
Veta más de 10 cm de espesor

Vein more than 20 cm thick
Veta más de 20 cm de espesor

15 cm 60
Vein showing thickness and dip
Veta mostrando espesor y buzamiento

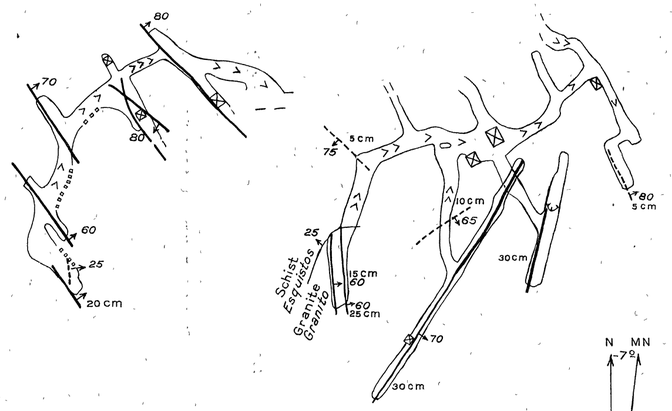
Vertical vein
Veta vertical

Raise
Contrapozo

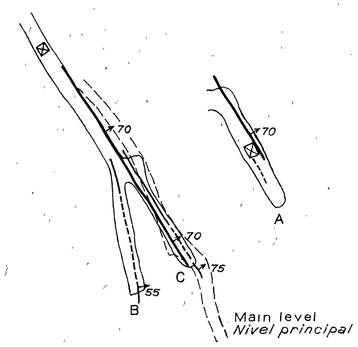
Winze
Pozo

Inclined workings (Chevrons point downward)
Labores inclinados (Cheurrones dirigidos hacia abajo)

UPPER WORKINGS ON INCLINED VEINS
LABORES SUPERIORES, CON VETAS INCLINADAS

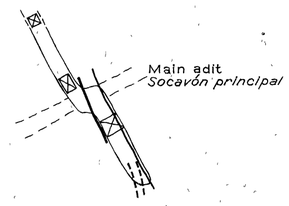


UPPER WORKINGS, MANUEL VEIN
LABORES SUPERIORES, VETA MANUEL



N MN
7°

UPPER LEVEL, CUTO VEIN
NIVEL SUPERIOR, VETA CUTO



Mine map and geology by Ward Smith
April 1943

PLAN AND SECTIONS OF PART OF THE TORO WORKINGS, SAN ANTONIO TUNGSTEN MINE, PROVINCE OF CATAMARCA, ARGENTINA
PLANO Y CORTES DE UNA PARTE DE LAS LABORES TORO, MINA DE TUNGSTENO SAN ANTONIO, PROVINCIA DE CATAMARCA, ARGENTINA

25 0 50 Meters
Metros

756975 O - 47 (In pocket)