


















EXPLANATION
EXPLICACION

-  Shale and shaly sandstone with beds of impure limestone
Lutita y arenisca lutosa con capas de caliza impura
-  Recrystallized pure limestone
Caliza pura recrystalizada
-  Andesite sill, showing dip; location and thickness approximate
Sill de andesita, mostrando el buzamiento, ubicacion y potencia aproximadas
-  Vein, showing dip and thickness
Veta, mostrando el buzamiento y la potencia
-  Vein, less than 30 centimeters thick, showing dip; dashed where approximately located
Veta de menos de 30 centimetros de potencia, mostrando el buzamiento, rayada donde la ubicacion es aproximada
-  Breccia, gouge, and iron oxide zone. Dots indicate veinlets and disseminated grains of galena and sphalerite
Zona de oxidos de hierro, brecha, y panizo. Los puntos indican vetillas y granos diseminados de galena y esfalerita
-  Fault, showing dip
Falla, mostrando el buzamiento
-  Vertical fault
Falla vertical
-  Contact, dashed where approximately located
Contacto, rayada donde la ubicacion es aproximado
-  Strike and dip of overturned beds
Rumbo y buzamiento de las capas invertidas
-  Opencut and portal of adit
Tajo abierto y portal del socavon
-  Adit, caved at portal
Socavon, derrumbado al portal
-  Horizontal projection of underground workings
Proyeccion horizontal de labores subterraneos
-  Inclined underground workings; chevrons point downward
Labores subterraneos inclinados, las flechas apuntan hacia abajo
-  Waste dump
Cancha de desmonte
-  Winze
Pique
-  Raise
Chimenea

CRETACEOUS

GEOLOGIC MAP OF ADIT 1
PLANO GEOLOGICO DEL SOCAVON 1

GEOLOGIC MAP OF ADIT 2
PLANO GEOLOGICO DEL SOCAVON 2

20 0 100 Metros
Contour interval 5 meters
Datum is mean sea level
Intervalo de las curvas de nivel 5 metros
Plano de referencia es el nivel medio del mar

Surveyed with compass and tape by G. E. Ericksen and A. J. Indacochea, October 1949; base altitude established by altimeter
Plano levantado con brujula y wincha por G. E. Ericksen y A. J. Indacochea, octubre 1949; altura base establecida con altimetro

GEOLOGIC SKETCH MAP OF THE COSMOS MINE, TUCO-CHIRA MINING DISTRICT, PERU
CROQUIS GEOLOGICO DE LA MINA COSMOS, DISTRITO MINERA DE TUCO-CHIRA