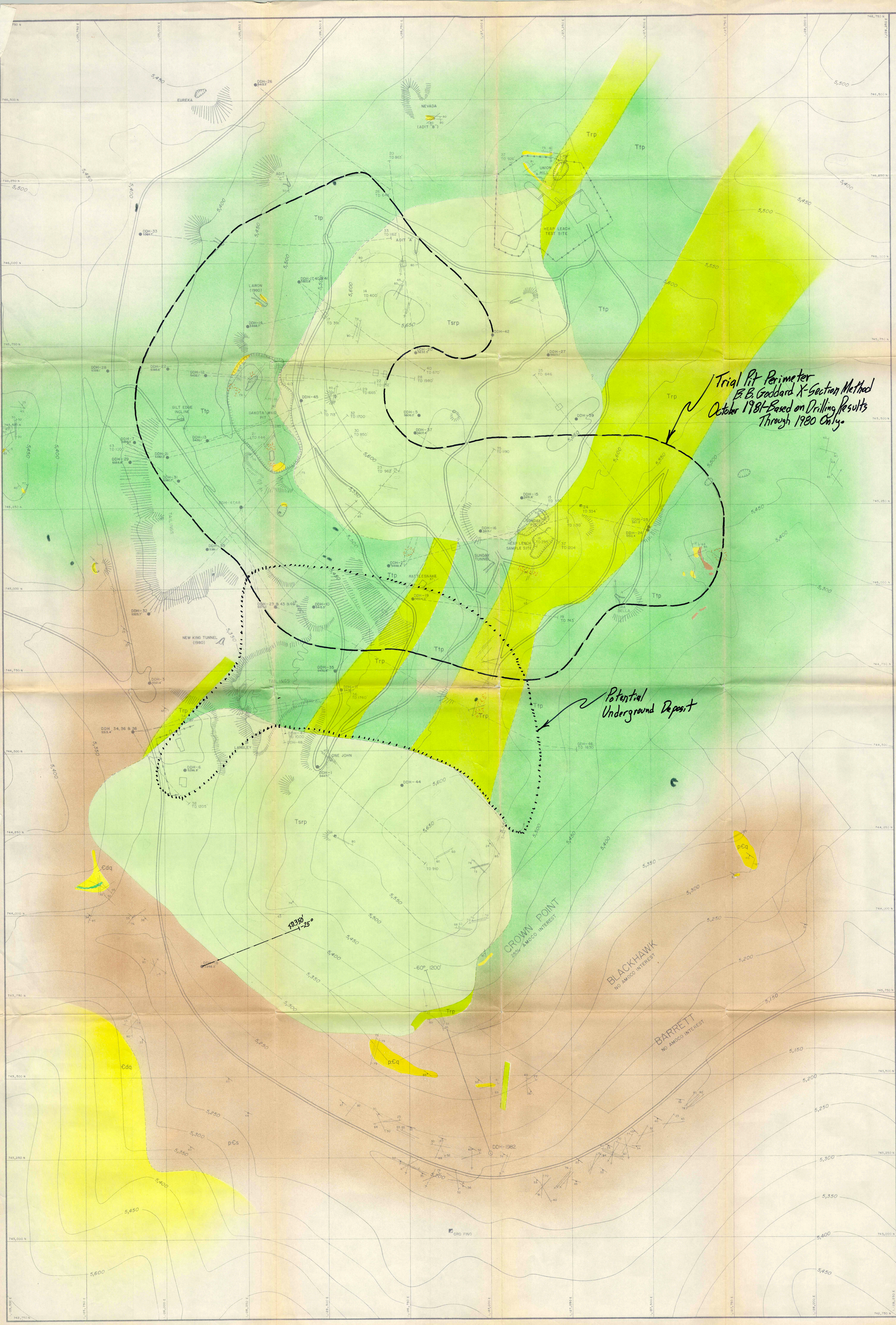


EXPLANATION

Tsrp	SANIDINE RHYOLITE PORPHYRY- MEDIUM-GRAINED RHYOLITE PORPHYRY CONTAINING DISTINCTIVE LARGE EUHEDRAL SANIDINE PHENOCRYSTS.
Trp	RHYOLITE PORPHYRY- FINE TO MEDIUM-GRAINED QUARTZ AND FELDSPAR PORPHYRY, GENERALLY OCCURS AS DIKES.
Ttp	TRACHYTE PORPHYRY — MEDIUM-GRAINED FELDSPAR PORPHYRY
€dq (CAMBRIAN)	DEADWOOD FORMATION SHALES- GREY SHALE AND THINLY INTER-LAMINATED SILTY SANDSTONE; LOCALLY MAY BE HORNFELSED.
€dq (CAMBRIAN)	DEADWOOD FORMATION QUARTZITES- LIGHT-COLORED FINE-GRAINED SANDSTONE AND QUARTZITE.
p€q (PRECAMBRIAN)	PRECAMBRIAN QUARTZITE- FOLIATED OR STEEPLY DIPPING QUARTZITE
p€s (PRECAMBRIAN)	PRECAMBRIAN SCHIST - GREENISH-BROWN SCHISTOSE METASEDIMENTS WITH STEEPLY DIPPING FOLIATION
	OUTCROP
	SILICIFICATION
	MAJOR FRACTURE OR SHEAR
	STRIKE AND DIP OF SEDIMENTS
	JOINTS OR SHEETING
	STRIKE AND DIP OF FOLIATION
DDH-21 TD 444'	CORE HOLE WITH COLLAR LOCATION AND SURFACE PROJECTION OF HOLE
	MINE DUMPS

N

100' 0 100' 200' 300'

AMOCO

AMOCO MINERALS COMPANY
USA Minerals Division
Denver, Colorado

REVISIONS	
INITIALS	DATE

GILT EDGE PROJECT
LAWRENCE CO, S. DAKOTA

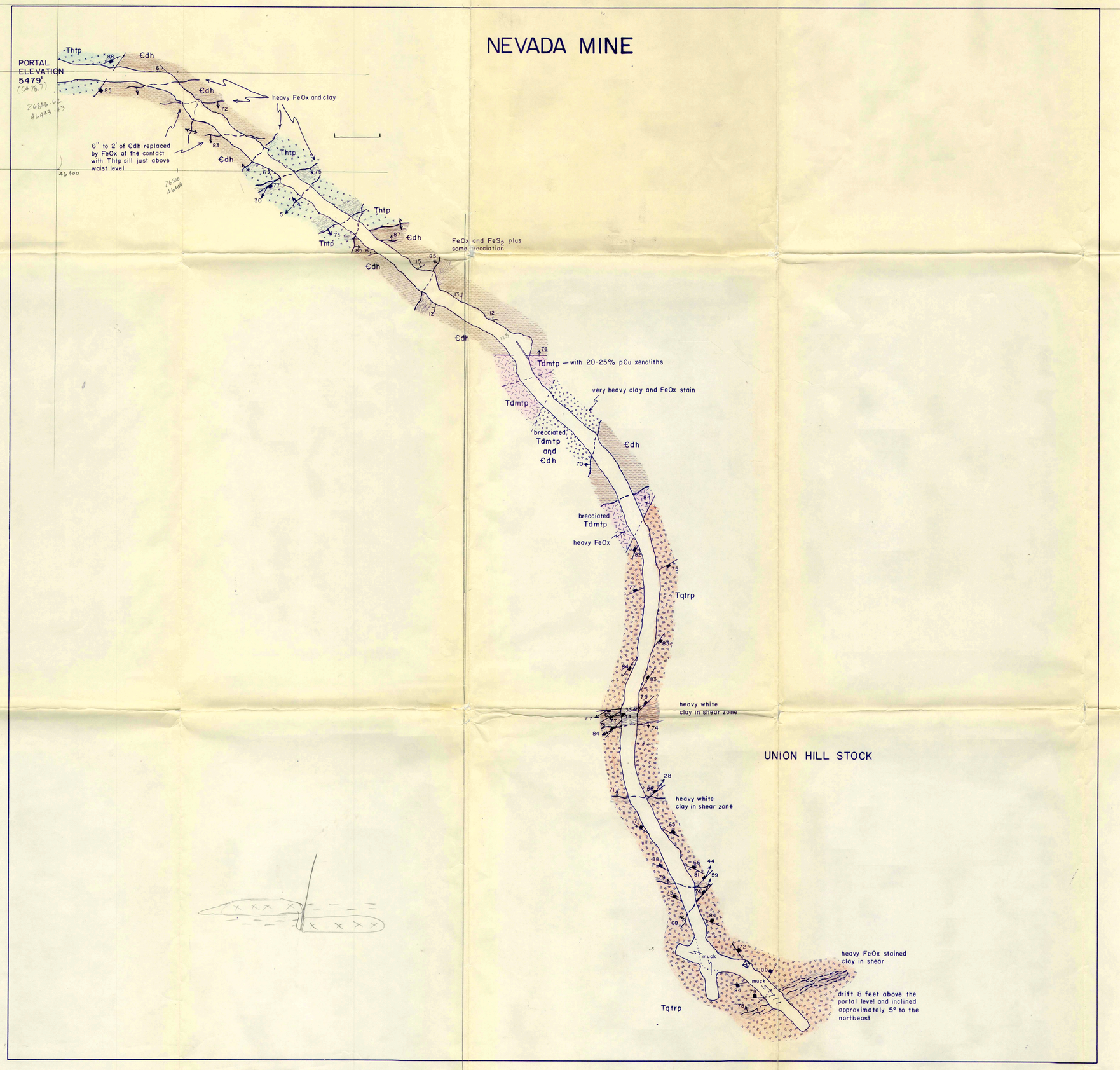
GEOLOGIC MAP

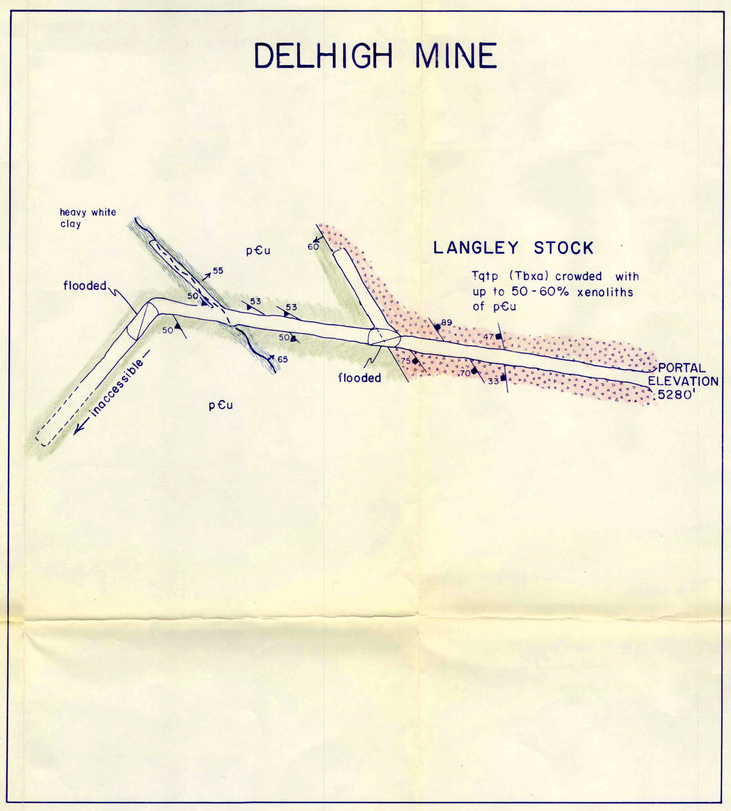
MAP NO.	SCALE:	DRAWN BY:	GEOLOGY BY:	DATE:
	1" = 100'	S.S.L.	P.E. CHAPMAN L.L. SICKLER	4/13/82

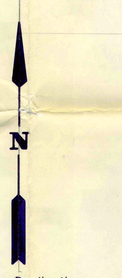
PLATE XI

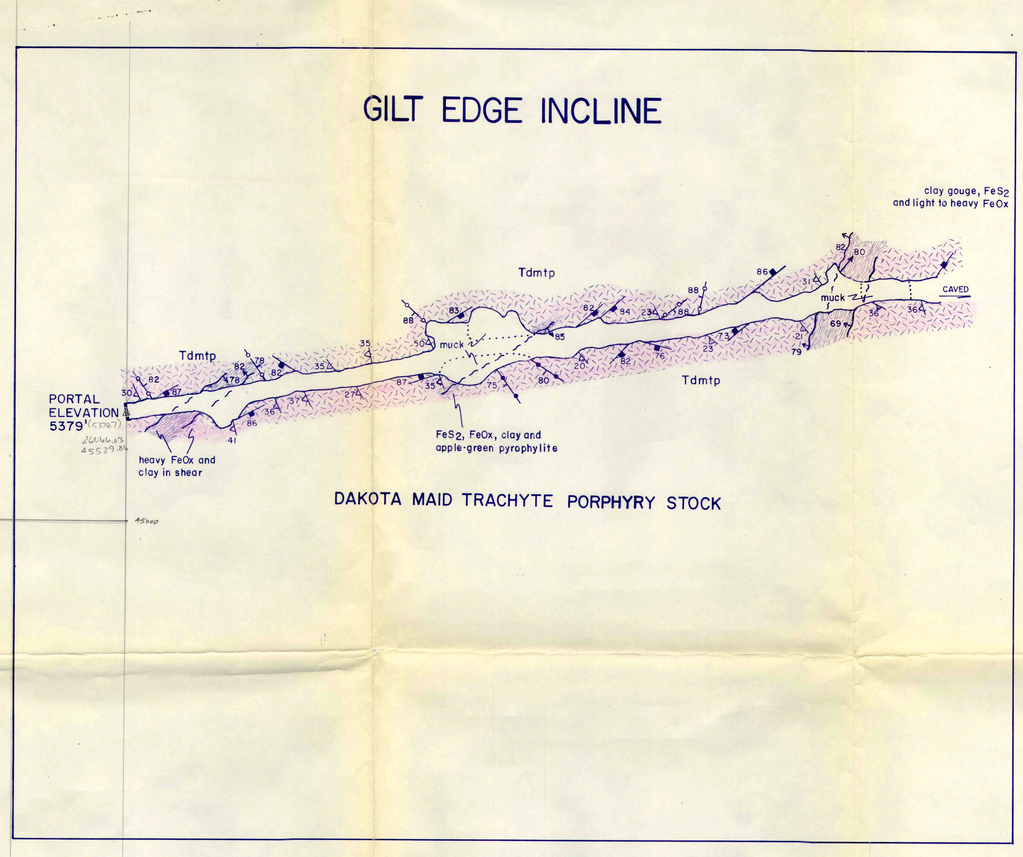
GEOLOGIC MAPS OF NEVADA AND DELHIGH MINES AND GILT EDGE INCLINE

Refer to PLATE I for explanation









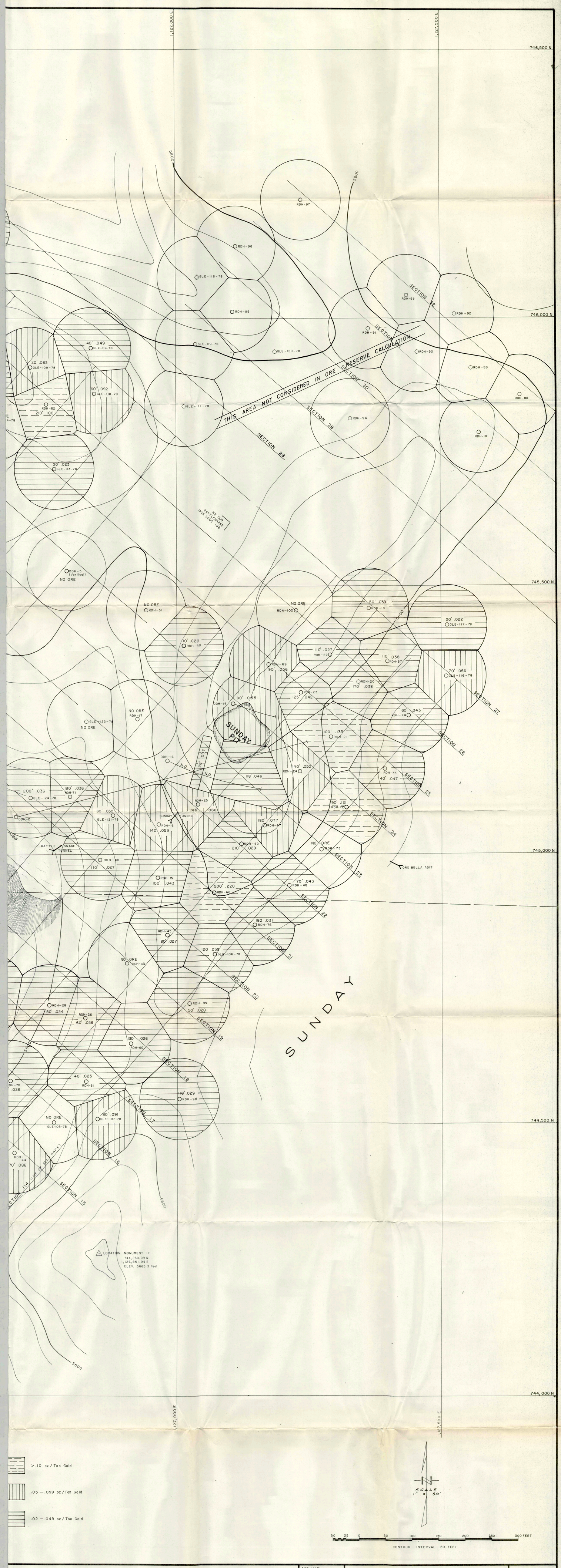
SCALE 1 240

20 10 0 20 FEET

Data is at waist level

Department of Geology and Geological Engineering
South Dakota School of Mines & Technology

Geology by R. J. MacLeod, 1986
Surveyed by R. J. MacLeod & T. Vogt



>.10 oz / Ton Gold

.05 – .099 oz / Ton Gold

.02 – .049 oz / Ton Gold

SCALE 1" = 50'

50 25 0 50 100 150 200 250 300 FEET

CONTOUR INTERVAL 20 FEET

DATE: 12/76
BY: L. McIntosh
R. Young
Original base by: P.A. Gerald

CYPRUS EXPLORATION COMPANY

GILT EDGE PROJECT
LAWRENCE COUNTY, SOUTH DAKOTA

PLAN MAP
ORE RESERVES – POLYGONS

PLATE 5