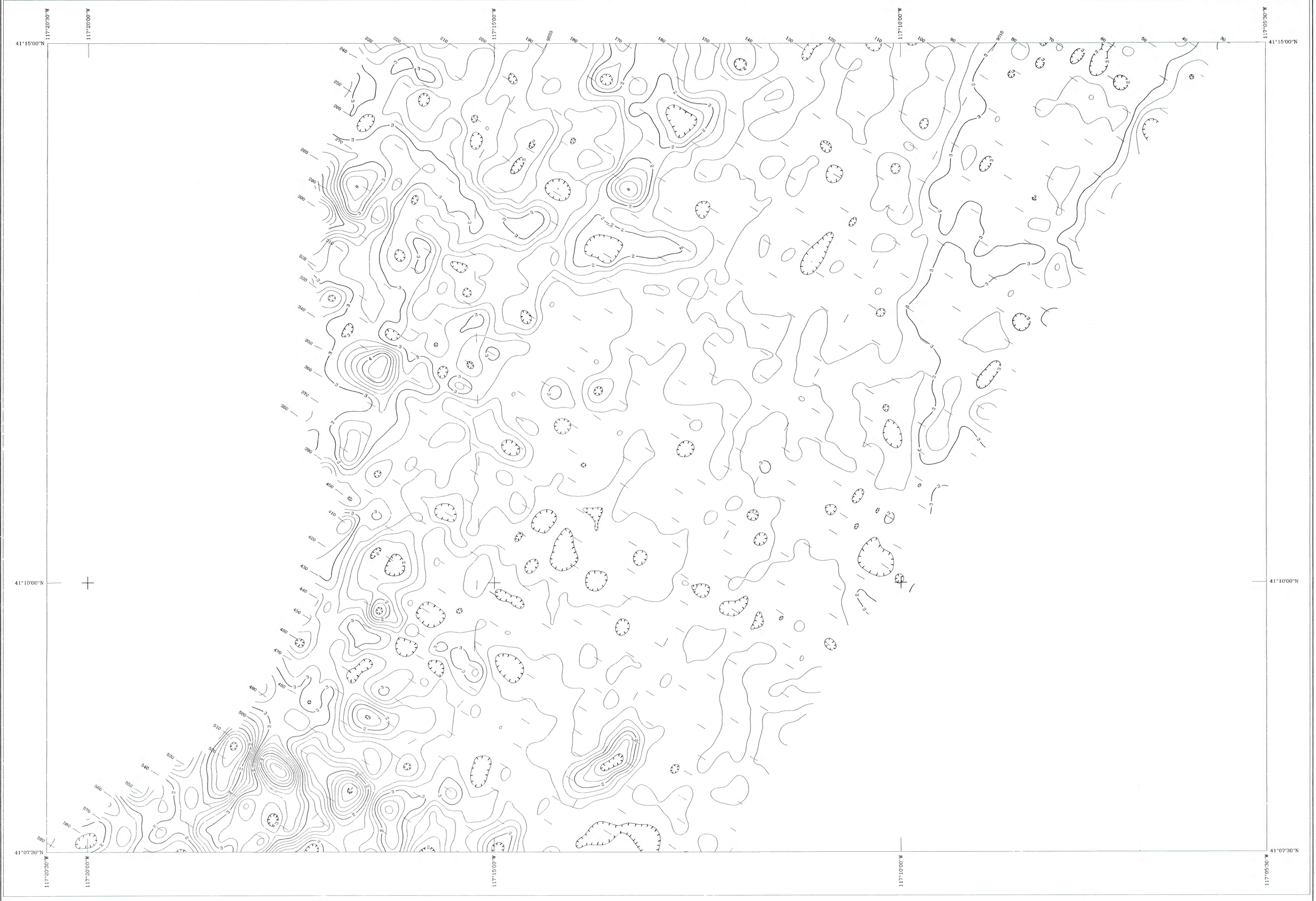
Getchell Area – Osgood Mtns., Nevada

POTASSIUM (K40) CONTOUR MAP



SURVEY SPECIFICATIONS

Sample Interval	115.0 feet
Survey Altitude	400.0 feet
Flightline Spacing	0.25 Miles
Flightline Direction	Northwest–Southeast(32 Degrees)
Tieline Spacing	4.0 Miles
Tieline Direction	Northeast–Southwest(58 Degrees)
Flight Path Record	VHS Color Video Camera
Flight Path Location	1.5 inch dashed line
Flightline/Tieline Number	940
Flight Line Recovery	Visually to 1:24,000 USGS Topos
Digital Acquisition System	EG&G GeoMetrics G-714
Spectrometer	EG&G GeoMetrics GR800D Spectrometer System
Crystal(NaI) Configuration	2048 cu in(down), 512 cu in(up)
Aircraft	LAMA N3597D
Date Flown	October 28–31, 1988
Date Compiled	November, 1988
Flown for the United States Geological Survey	
Contract No. 14–08–0001–22632	

PROCESSING DETAILS

Live Time Corrected	
Aircraft/Cosmic Background Corrected	
Correction to Survey Altitude	
Conversion to PPM or Percent	
from Counts per Second	
K40 = 67.5 cps/%K40	
Bi214 = 12.8 cps/PPMeU	
Tl208 = 4.9 cps/PPMeT	
Type of Filtering	None
Levelling	DC Bias on Flight Basis
Interpolation Method	Minimum Curvature with Bicubic Spline
Primary Grid Size	Delx = 200 meters, Dely = 200 meters
Type of Data	Potassium (K40) Single Record Data
Projection	Universal Transverse Mercator (UTM)
Spheroid	CLARKE 1866
Reference Longitude	-117.0 degrees
X bias	500.0 km
Y bias	-4000.0 km

SCALE 1:24,000

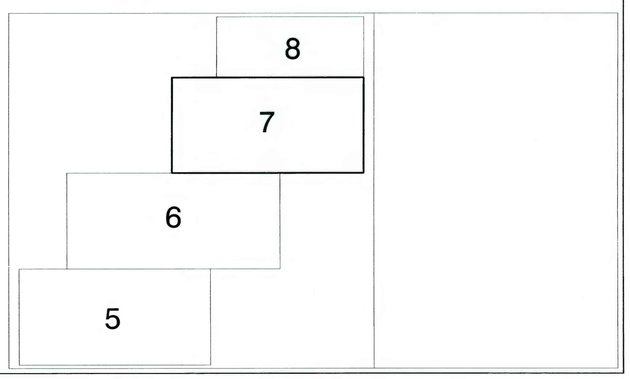
0.5 0 0.5 1 1.5 2
kilometers

0.5 0 0.5 1 1.5
miles

Contour interval in Percent K40
Primary 0.20
Secondary 1.00
Hachuring on the low side

N

TerraSense, Inc.

Getchell Area – Osgood Mtns., Nevada

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