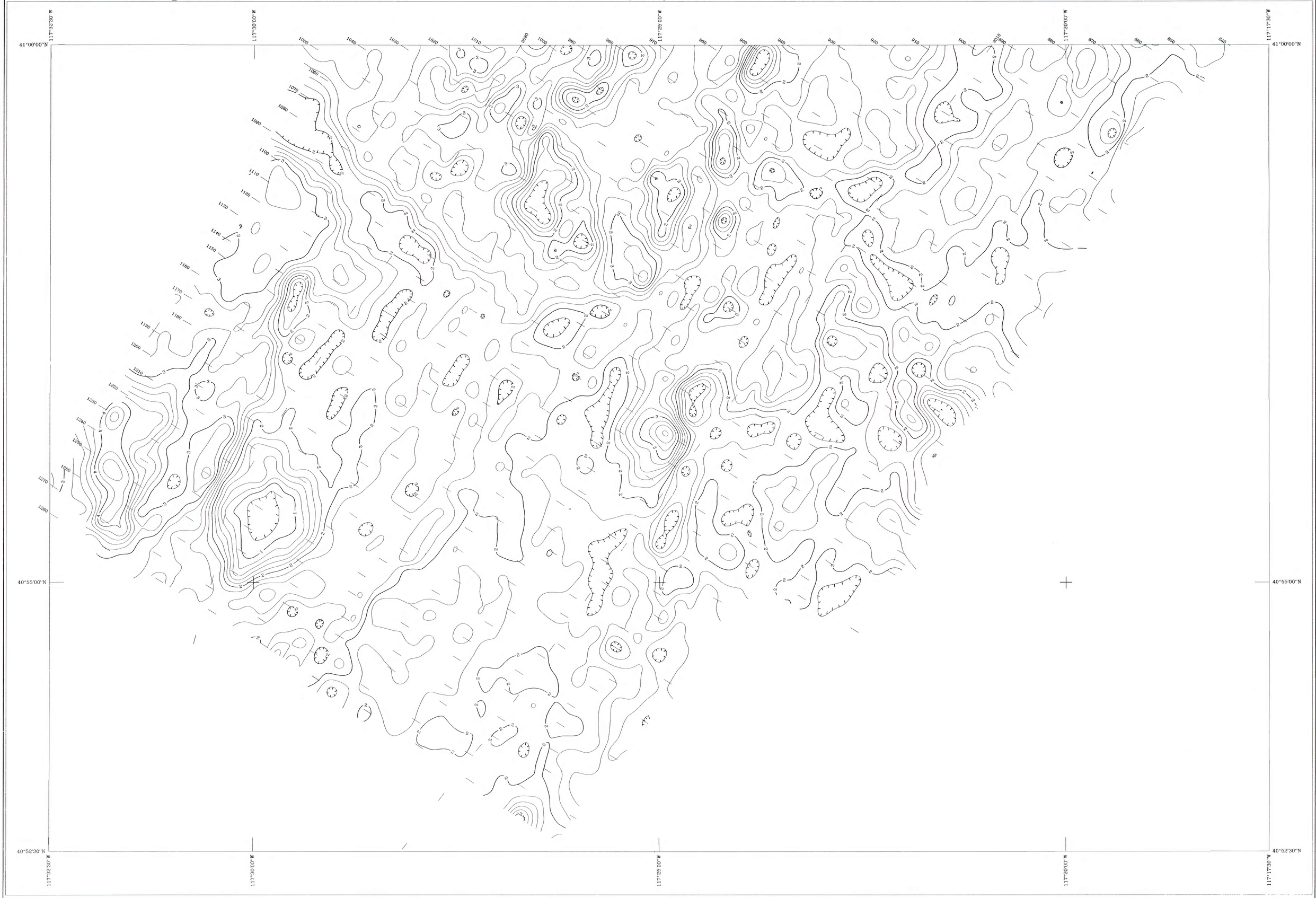
Getchell Area – Osgood Mtns., Nevada

# 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 | 910 |
| 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 N2597D |
| Date Flown | October 26–31, 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

TerraSense, Inc.

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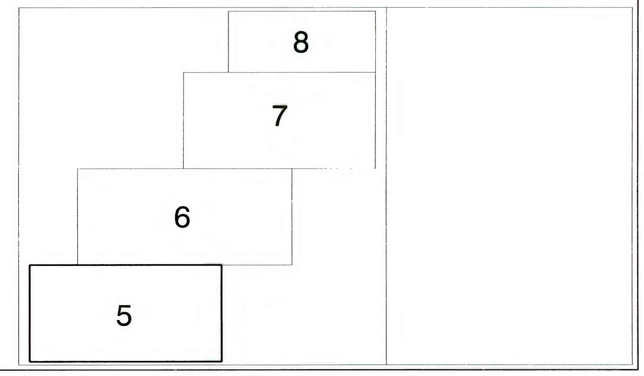
Getchell Area – Osgood Mtns., Nevada

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