

841771

PURCELL PROJECT - U445

SANCA CREEK AREA

GAM 1 Analyzer
External Sensor GSA-61
Hewlett Packard Recorder
Airborne Radiometrics
Soil Sampling
Silt Sampling
Scintillometer Prospecting BGS 1SL Scintrex
Rock type sampling
Ph determination

Prior to the main prospecting effort, if in the area, one should spend one day silt sampling the creek that produced the 670 PPM U silt sample. Sampling interval 200' between 5500' and 6500' elevations.

Lab. treatment for both silt and soil samples
-80 fraction
Extraction - hot HNO_3
Uranium PPM Fluorimetric analysis
Retain pulp and rejects

Both the Jackson Peak and the Craig Peak areas to be thoroughly prospected using the handheld Scintrex BGS 1LS scintillometer.

Rock samples are to be obtained.

Similar prospecting to be carried out above the 6500' elevation, both to the west and to the north of Mount Dickson.

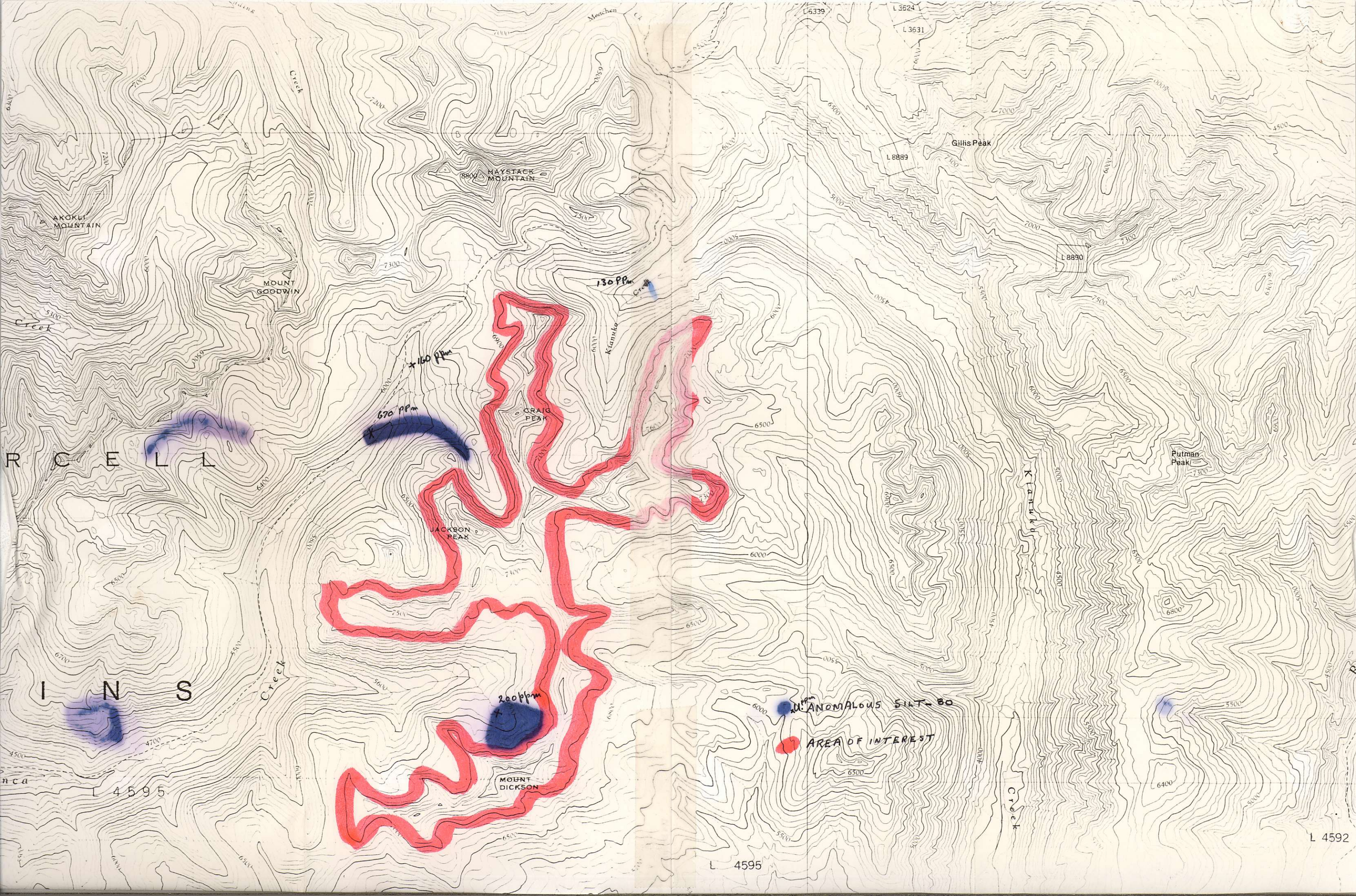
Helicopter Borne GAM 1 along flight lines following 200' contours above 7000' elevation.

100' separation
35 m.p.h.

Instrument settings:

Total count mode
Time constant 1 second
Chart speed 1 cm/30 sec.

G. H. Laforme
May 20, 1977



AKOKI MOUNTAIN

MOUNT GOODWIN

HAYSTACK MOUNTAIN

130 PPM

CRAIG PEAK

JACKSON PEAK

200 PPM

MOUNT DICKSON

Gillis Peak

Putman Peak

ANOMALOUS SILT - 80

AREA OF INTEREST

R C E L L

I N S

L 4595

L 4592