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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: KING TUT

ALTERNATE NAMES:

GRAHAM COUNTY MILS NUMBER: 251

LOCATION: TOWNSHIP 9 S RANGE 25 E SECTION 25 QUARTER C
LATITUDE: N 32DEG 37MIN 09SEC LONGITUDE: W 109DEG 44MIN 29SEC
TOPO MAP NAME: GILLEPSIE MTN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

URANIUM
THORIUM
RARE EARTHS

BIBLIOGRAPHY:

ADMMR KING TUT MINE FILE

KP/WR 8/11/79 - John Donowick has been prospecting for rare earths, a copy of a qualitative spectrographic analysis was provided. It is interesting that some relatively rare elements show up as either major or percentage constituents (thallium, neodymium, lanthanum, and samrium). It is also rather a typical that only three rare earth elements would show up in significant amounts while the others were absent. A copy of the analysis is in this file.

1/4/79 a.p.

KP/WR 8/22/78 - John Donowick, Safford, has had a semiqualitve spectrographic analysis done by Mariposa Laboratories on the material perviously discussed. The results are as follows in percent:

Al	6-12	Pb	.1-.2	Sn	.002-.007
Ba	.05-.15	Mg	.05-.15	Ti	.005-.01
Bo	.0005-.001	Mn	.05-.15	V	.0008-.004
Ca0	4-8	Ni	.008-.004	Zr	.005-.01
Cr	.001-.006	P.	.15-.30	Cerium	.05-.15
Co	.0003	Pt.	Nil	Lanthanum	.03-.10
Cu	.002-.008	K	115-.30	Neodymium	.30-.60
Ga	.006-.02	Ag	.00008-.0002	Ytterbium	.03-.10
Au	.005	Na	1-2	Yttrium	.03-.10
Fe	1-2	St	.005-.01		

It is amazing that some of the elements that are reported in only a few parts permillion would be even detected. Most sophisticated geochemical labs don't claim or only claim for a few elements such capability. Again only a few of the rare earth elements are reported.

KP/WR 2/2/79 - reported he is mad at the State land Dept. over refusal to issue a prospecting permit or refund his money. The problem was an error in the requested location made by the Land Dept. The Dept. was contacted and will refund his money. 5/21/79 a.p.

ASSAY • WATER • SOIL • OIL
INSTANT ASSAY LABS

Mr. John W. Donowick
 712 9th. Avenue
 Safford, Arizona 85546

ASSAYERS AND CHEMISTS

P.O. Box 1237
 Drumright, Oklahoma 74030
 (918) 352-9423

DATE August 1, 1978

Sample No.	Description				
None	Spectrograph (radio active)	Major Elements, Thallium Thorium Neodymium	Minor Elements, Germanium Cobalt Iron Tin Rhenium Lithium	% Elements, Lead Gold Silver Lanthanum Samarium	Trace Elements Platinum

RECEIVED
 AUG 8 1978
 DEPT. MINERAL RESOURCES
 PHOENIX, ARIZONA

Don W. Donowick

Chemist

Mariposa Lake Bonavick vein 1"-2" wide

Ft Refinements
Kimberlite

Tint #5 Sup.

Al 6-12
Ba .05-.15
Be .0005-.001
CaO 4-8
Ca .001-.006
Co .0003
Cu .002-.008
Ga .006-.02
Au .005
Fe 1-2
Pb .10-.20
Mg .05-.15
Mn .05-.15
Ni .0008-.004
P .15-.30
Pt N.D.
K .15-.30

Ag .00008-.0002
Na 1-2
S# .005-.01
Th .03-.10
Sm .002-.007
Ti .005-.01
V .0008-.004
Zr .005-.01

Rare Earth

Cesium .05-.15
Lanthanum .03-.10
Neodymium .30-.60
Ytterbium .03-.10
Yttrium .03-.10

16 2 pounds ton
6-12 pounds per
ton