



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
416 W. Congress St., Suite 100  
Tucson, Arizona 85701  
520-770-3500  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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Southwestern Exploration Division

October 26, 1976

*Kings Water Well  
West of Alberg*

*F. T. G.  
OCT 29 1976*

TO: F. T. Graybeal

FROM: H. G. Kreis

Three Peaks Project *A3.*  
Monthly Progress Report  
October 1976

Drilling in the Three Peaks Project area was initiated and completed during the month of October 1976. Drill holes TP-1 (SW/4, Sec. 29, T4S, R6E), TP-2 (SW/4, Sec. 28, T4S, R6E), and TP-3 (center Sec. 20, T4S, R6E) were completed with 825' of rotary drilling (spot coring included). Samples from two water wells in the E/2 Section 21 (T4S, R6E) were found in the field during the drilling program. The recent Asarco drill results and available water well data in the four-square-mile Three Peaks Project area are summarized.

<u>Hole</u>	<u>From</u>	<u>To</u>	<u>Geology</u>
TP-1	0 50'	50' 100'T.D.	Alluvium. No capping clasts. Three Peaks Granite. No hydrothermal alteration or mineralization.
TP-2	0 50'	50' 440'T.D.	Alluvium. No capping clasts. Three Peaks Granite. Strongly weathered and/or faulted. Trace epidote.
TP-3	0 232'	232' 285'T.D.	Alluvium and conglomerate. No capping clasts. Precambrian Granite. No hydrothermal alteration or mineralization.
(4-6)20ddd	0 170'	170' 192'T.D.	Alluvium and conglomerate. No capping clasts. Precambrian Granite (bedrock?). Weakly sericitized. Weak FeOx stain from mafics.
(4-6)21aca	0 90' 150'	90' 150' 328'T.D.	Alluvium. No capping clasts. Three Peaks Granite(?) bedrock or clasts in conglomerate. Trace epidote. Three Peaks(?) bedrock(?). Trace epidote.

October 26, 1976

(4-6)21dcd	0	200'	No samples.
	200'	340'	Three Peaks(?), probably bedrock. Trace to 1% epidote.
	340'	520'	Three Peaks(?), probably bedrock. 1% epidote with 3/4% FeOx stain that appears to be mostly (all?) from mafics. Possible trace former pyrite.
	520'	620'	Three Peaks(?), probably bedrock. Trace to 1% epidote.
	620'	625'T.D.	No sample.

No significant evidence of pervasive hydrothermal alteration or mineralization was found. All the field work for this project has been completed, and the non-exclusive prospecting permit will expire on November 30, 1976. A close-out report will be written in the near future.

Estimated balance of the authorization is \$2,500.

*H. G. Kreis*

H. G. Kreis

HGK:1b