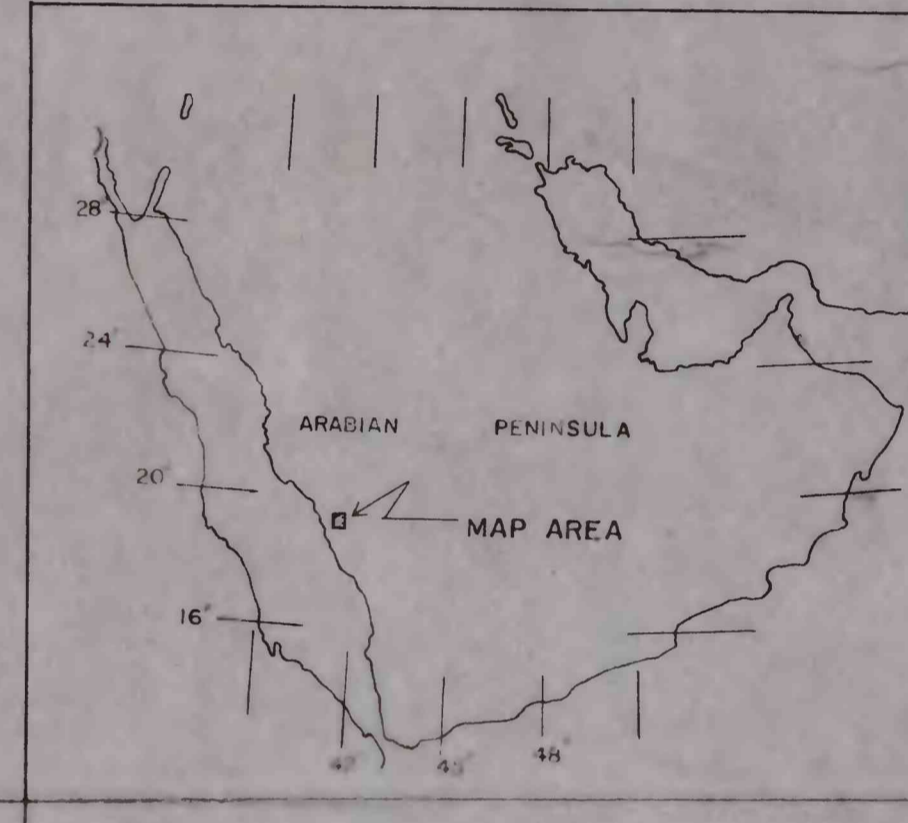




17 km to Qunfudah



INDEX MAP

SAMPLE NUMBER	Cu	Pb	Zn	Mo	Au	Ag
31001	1.2	0.5	0.8			
31002	0.8	0.3	0.5			
31003	1.5	0.6	1.0			
31004	0.9	0.4	0.7			
31005	1.1	0.5	0.9			
31006	0.7	0.3	0.6			
31007	1.3	0.5	0.9			
31008	0.8	0.4	0.7			
31009	1.4	0.6	1.1			
31010	0.9	0.4	0.8			
31011	1.2	0.5	1.0			
31012	0.7	0.3	0.6			
31013	1.1	0.5	0.9			
31014	0.8	0.4	0.7			
31015	1.3	0.6	1.1			
31016	0.9	0.4	0.8			
31017	1.4	0.6	1.2			
31018	0.8	0.4	0.7			
31019	1.2	0.5	1.0			
31020	0.7	0.3	0.6			
31021	1.1	0.5	0.9			
31022	0.8	0.4	0.7			
31023	1.3	0.6	1.1			
31024	0.9	0.4	0.8			
31025	1.4	0.6	1.2			
31026	0.8	0.4	0.7			
31027	1.2	0.5	1.0			
31028	0.7	0.3	0.6			
31029	1.1	0.5	0.9			
31030	0.8	0.4	0.7			
31031	1.3	0.6	1.1			
31032	0.9	0.4	0.8			
31033	1.4	0.6	1.2			
31034	0.8	0.4	0.7			
31035	1.2	0.5	1.0			
31036	0.7	0.3	0.6			
31037	1.1	0.5	0.9			
31038	0.8	0.4	0.7			
31039	1.3	0.6	1.1			
31040	0.9	0.4	0.8			
31041	1.4	0.6	1.2			
31042	0.8	0.4	0.7			
31043	1.2	0.5	1.0			
31044	0.7	0.3	0.6			
31045	1.1	0.5	0.9			
31046	0.8	0.4	0.7			
31047	1.3	0.6	1.1			
31048	0.9	0.4	0.8			
31049	1.4	0.6	1.2			
31050	0.8	0.4	0.7			
31051	1.2	0.5	1.0			
31052	0.7	0.3	0.6			
31053	1.1	0.5	0.9			
31054	0.8	0.4	0.7			

ANALYSIS DATA

Cu, Pb, Zn, and Mo in parts per million; Au and Ag in ounces per ton. Color in sample number block denotes lithologic unit, uncolored blocks denote quartz vein material. Red color in analysis data blocks denotes high anomalous value.

GEOLOGIC EXPLANATION

- Qu Unconsolidated surface deposits, in sand and gravel, includes mobile inter-sand.
- Tg Sandstone, fine to medium grained, light gray, thin bedded.
- Sh Quartz siltstone, argillaceous and greenish, well rounded to sub-angular, coarse sandy, micritic matrix.
- Tc Shale, gray to dark gray, soft and friable.
- ms Metasediments undifferentiated, includes quartzite, lime quartzite, metapelite, quartz-biotite-sericite schist, quartz-amphibole schist and migmatite.
- ar Argillite, dark gray to black, blocky, local sandy lenses, locally granitic.
- ry Rhysolite and siliceous pyroclastics, commonly highly sheared and altered to quartz sericite, mud quartz (staurolite often preserved), rarely trachytic.
- pt Pyroclastic pyroclastics, includes tuff, agglomerate and lenses of conglomerate, may include sheared, siliceous rhysolite flows.
- c Siliceous diagenetic carbonate, light gray, commonly weathers to tan or brown medium to fairly coarse grained.
- an Intermittent to basic andesite and pyroclastic equivalents, metamorphosed to green schist amphibolite facies, commonly sheared, includes granite, gneiss of probable pre-intrusive origin, in places a migmatite unit, or, where structures locally, includes some silicified sediments of unknown age.

INTRUSIVE ROCKS

- gp Pink to light gray peraluminous granite, includes quartz veins and single pyroxenite dikes.
- qs Gray to light gray granitic granite.

MAP SYMBOLS

- Primary road
- Secondary road - international stream
- Village
- Flowing well
- Sample location and number
- Observed geologic contact
- Inferred geologic contact
- Highly questionable geologic contact
- Strike and dip of bedding
- Strike and dip of vertical bedding
- Strike and dip of foliation
- Fault, approximately located
- Shear shearing

GEOLOGICAL RECONNAISSANCE MAP OF THE SUQ AL KHAMIS AREA

