



EXPLANATION

Qal	ALLUVIUM		ANCIENT MINE WORKINGS
qpa	ALTERED AND VEINED QUARTZ PORPHYRY	3 m	Shaft, showing depth
QP	QUARTZ PORPHYRY		Open pit
m	METAVOLCANIC		SAMPLE LOCALITY AND NUMBER
—	CONTACT		DUMP SAMPLE
↑	QUARTZ VEIN - Showing dip	(3.2)	Showing gold value in grams per ton
▨	QUARTZ VEIN STOCKWORK	(3.2)	CHANNEL SAMPLE
		(-)	Showing gold value in grams per ton
			Gold not detected

Sample location	Gold value	Sample location	Gold value	Sample location	Gold value
439	(-)	837	(6.24)	854	(2.4)
441	(.54)	838	(.38)	855	(16.3)
444	(3.2)	839	(1.0)	856	(2.4)
446	(.58)	840	(.94)	857	(2.36)
824	(1.54)	841	(2.36)	858	(.32)
825	(.08)	842	(.62)	860	(.8)
826	(.11)	843	(.20)	861	(8.0)
827	(6.60)	844	(1.64)	862	(.50)
828	(.58)	845	(7.30)	863	(.46)
829	(.58)	846	(.08)	864	(2.0)
830	(5.2)	847	(.28)	870	(4.40)
831	(1.26)	848	(.28)	871	(1.70)
832	(2.82)	849	(2.8)	872	(.28)
833	(3.88)	850	(4.6)	873	(3.26)
834	(2.21)	851	(6.0)	874	(.50)
835	(2.0)	852	(.60)	875	(4.0)
836	(.36)				

Plane table map by R.G. Worl, April 1976

Figure 7. Geology of the Al Lugatah (Wadi Thafin) ancient gold mine (no. 25, pl. 1)