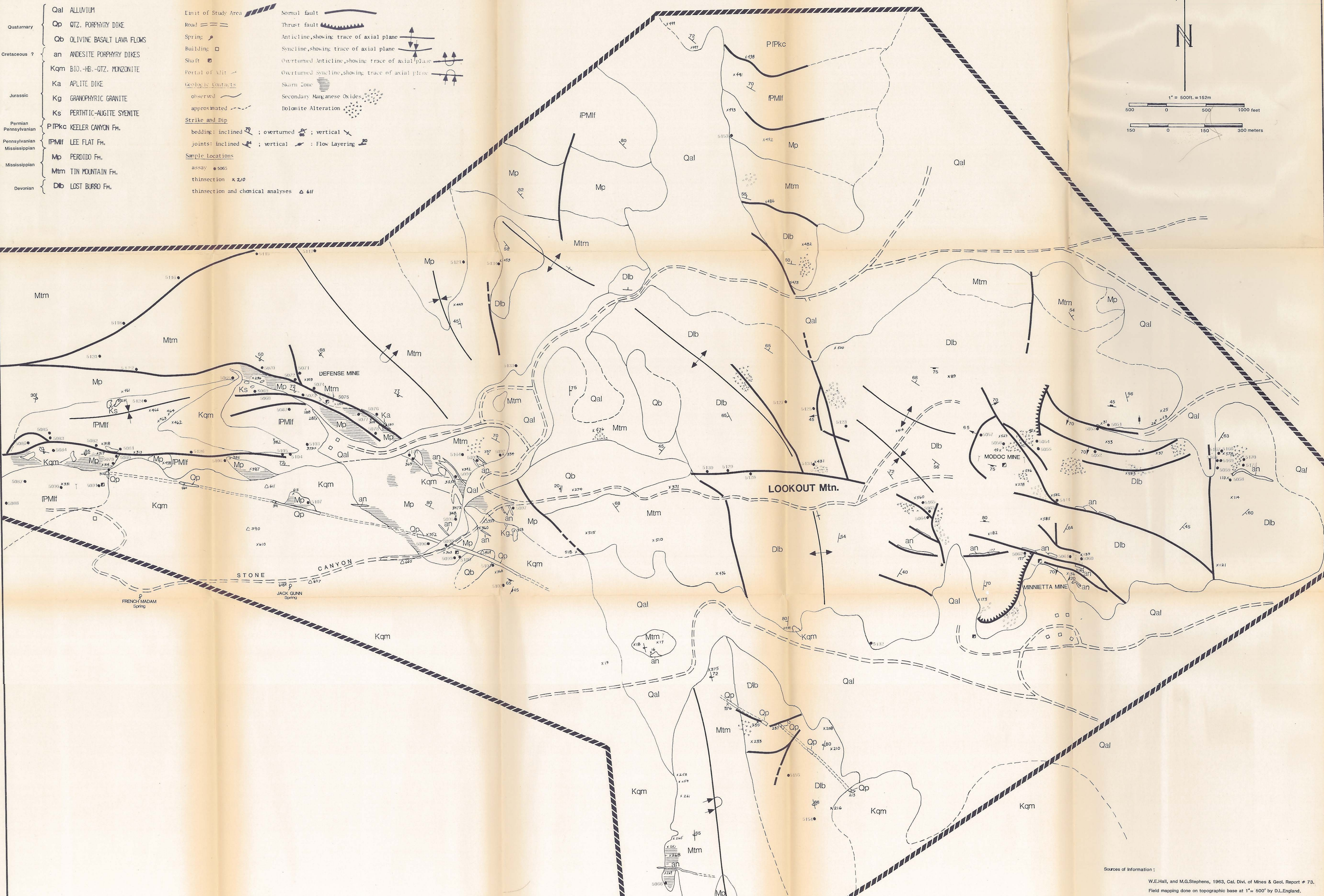


GEOLOGY OF THE MODOC Pb-Ag-Zn DISTRICT

INYO COUNTY, CALIFORNIA

EXPLANATION

ROCK UNITS		SYMBOLS	
Quaternary	Qal ALLUVIUM	Limit of Study Area	Normal fault
	Op QTZ. PORPHYRY DIKE	Road	Thrust fault
	Ob OLIVINE BASALT LAVA FLOWS	Spring	Anticline, showing trace of axial plane
Cretaceous ?	an ANDESITE PORPHYRY DIKES	Building	Syncline, showing trace of axial plane
	Kqm BIO.-HB.-QTZ. MONZONITE	Shaft	Overturned Anticline, showing trace of axial plane
	Ka APLITE DIKE	Portal of Adit	Overturned Syncline, showing trace of axial plane
Jurassic	Kg GRANOPHYRIC GRANITE	Geologic Contacts	Skarn Zone
	Ks PERTHITIC-AUGITE SYENITE	observed	Secondary Manganese Oxides
Permian	PIPkc KEELER CANYON FM.	approximated	Dolomite Alteration
Pennsylvanian	IPMif LEE FLAT FM.	Strike and Dip	
Mississippian	Mp PERUDO FM.	bedding: inclined ; overturned ; vertical	
	Mtm TIN MOUNTAIN FM.	joints: inclined ; vertical ; Flow Layering	
Devonian	Dlb LOST BURRO FM.	Sample Locations	
		assay	
		thinsection x20	
		thinsection and chemical analyses	



Sources of Information:
 W.E.Hall, and M.G.Stephens, 1963, Cal. Div. of Mines & Geol. Report # 73.
 Field mapping done on topographic base at 1" = 500' by D.L.England.