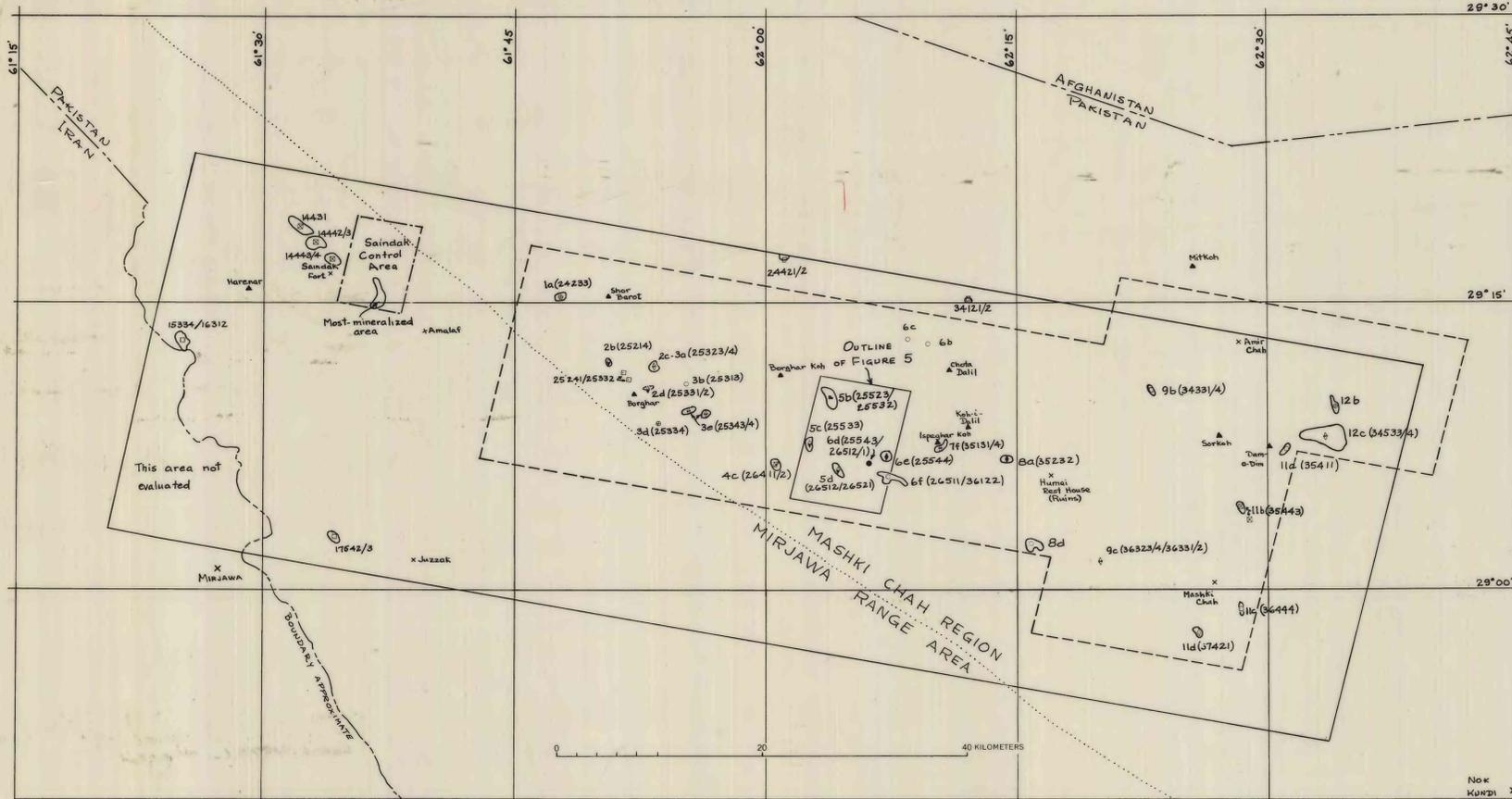


FIGURE 2: AREAS EVALUATED IN 1974 AND 1976 EXPERIMENTS, AND SITES SELECTED FOR FIELD EXAMINATION AS A RESULT OF BOTH EXPERIMENTS



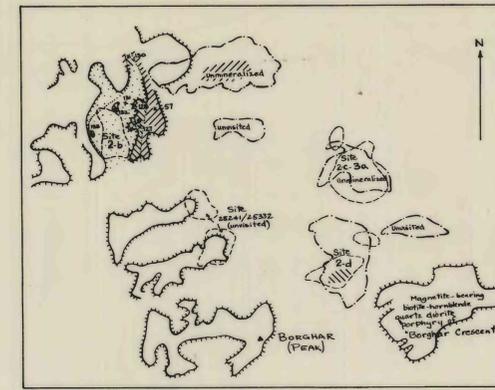
EXPLANATION

- OUTLINE OF CONTROL AREA, 1974 EXPERIMENT (55 KM²)
- OUTLINE OF APPLICATION AREA, 1974 EXPERIMENT (2100 KM²)
- OUTLINE OF APPLICATION AREA, 1976 EXPERIMENT (3300 KM²)
- ▲ MOUNTAIN PEAK

FIELD SITE SYMBOLS

SITE NOT FIELD CHECKED	SITES FIELD CHECKED			
	BARREN OF MINERALIZATION	HYDROTHERMAL ALTERATION AND WEAK MINERALIZATION PRESENT	HYDROTHERMAL ALTERATION, STRONG MINERALIZATION PRESENT	
○	◐	◑	◒	SITES SELECTED FOR FIELD EXAMINATION ON BASIS OF 1974 EXPERIMENT ONLY
◓	◔	◕	◖	SITES SELECTED FOR FIELD EXAMINATION ON BASIS OF BOTH 1974 AND 1976 EXPERIMENTS
◗	◘	◙	◚	SITES SELECTED FOR FIELD EXAMINATION ON BASIS OF 1976 EXPERIMENT ONLY

NOTE: SITES 6d AND 6e ARE CONSIDERED ONE MINERALIZED LOCALITY IN COUNTING TOTAL MINERALIZED AREAS



- EXPLANATION
- Quaternary: Alluvial sand and gravel and dune sand
 - Rock with intense quartz-sericite-pyrite alteration
 - Rock with strong propylitic alteration
 - Break in slope marking base of hills
 - Haechures on downslope side; dashed where slope change is indistinct
 - Alteration zone boundary, approximately located
 - Dashed where inferred. Outer limit of propylitic zone not mapped
 - Sites selected from 1976 digital classification map for field checking
 - Light-toned (high albedo) areas as outlined on aerial photographs, guided by digital classification results
 - x 153 Field observation point or sample location

FIGURE 3.—SKETCH MAP OF PORPHYRY-COPPER TYPE PROSPECTS NEAR BORGHAR



- EXPLANATION
- Quaternary: Alluvial sand and gravel, mostly in dry washes
 - Cretaceous-Late Tertiary: Andesitic flows capping the butte San Koh. Probably extrusive equivalents to rocks in the volcanic rock Koh-i-Dallil
 - Sedimentary and volcanic strata, including sandstone, siltstone, shale, shaly limestone, tuffaceous sandstone, and crystal tuff or possibly porphyritic flow rock
 - Stictic laite porphyry
 - Geologic contact, approximately located
 - Dashed where inferred
 - Break in slope marking base of hills
 - Haechures on downslope side; dashed where slope change is indistinct
 - Alteration zone boundary, approximately located
 - Dashed where inferred. Outer limit of propylitic zone not mapped
 - Rock with intense quartz-sericite-pyrite alteration
 - Alteration is perhaps more argillic in vicinity of points 19, 20, and 22
 - Rock with strong propylitic alteration
 - x 22 Field observation point or sample

FIGURE 6.—SKETCH MAP OF PORPHYRY-COPPER TYPE PROSPECT SITE 8a NEAR HUMAI

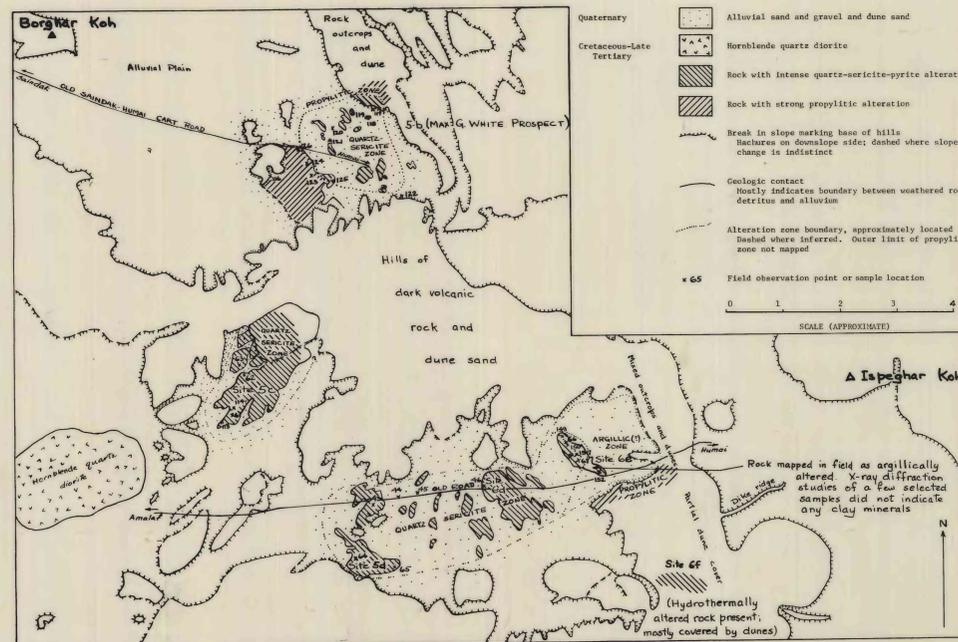
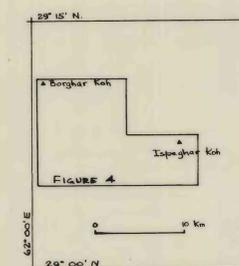
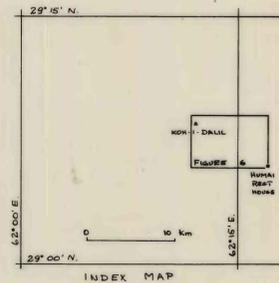


FIGURE 4.—SKETCH MAP OF PORPHYRY-COPPER TYPE PROSPECTS IN THE STRATAVOLCANO AREA



INDEX MAP



INDEX MAP