



**THE MINERAL EXPLORATION
IN
THE KOKPETINSKAYA AREA
THE REPUBLIC OF KAZAKHSTAN
(PHASE I)**

Pl. II-2-1 GEOLOGIC MAP OF THE GENERAL SURVEY AREA

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 2001

LEGEND

Quaternary	Recent	Q4	Pebble, sand, loam
	Upper	Q3-4	Pebble, sand, loam
	Middle	Q2	Pebble, sand, loam
Tertiary	Miocene	N1pv	Aral formation; clay, sandy clay, sand
Carboniferous	Middle & Upper	C2-3mt	Malyob formation; conglomerate, sandstone, shale limestone, andesite, porphyry, tuff
	Middle	C2bk	Bukon formation; conglomerate, sandstone, shale, coaly shale
	Middle	CIV3-nkp2	Middle Kokpeti formation; conglomerate, sandstone limestone
	Lower	CIV3-nkp1	Lower Kokpeti formation; conglomerate, sandstone, shale
Upper Permian - Middle Jurassic		CIV2-3ar	Arkalyk formation; sandstone, shale, limestone, tuff, diabase, porphyrite
		gPz3III	Intrusive complex; gabbro, monzonite, diorite, syenite, granite
		mbPz	Stocks; granite porphyry
		gpPz3III	Dikes; granite porphyry, grano diorite, quartz porphyry, apatite

Fault
 Strike and dip of strata

