



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

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

KAZAKHSTAN

RUSSIA

MONGOL

CHINA

KYRGYSTAN

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	Malyeb formation; conglomerate, sandstone, shale limestone, andesite, porphyry, tuff
	Middle	C2bk	Bukon formation; conglomerate, sandstone, shale, coal, shale
	Middle	C1V3-nkp2	Middle Kokpeti formation; conglomerate, sandstone limestone
	Lower	C1V3-nkp1	Lower Kokpeti formation; conglomerate, sandstone, shale
Upper Permian - Middle Jurassic		C1V2-3ar	Arkalyk formation; sandstone, shale, limestone, tuff, diabase, porphyry
		gPz3III	Intrusive complex; gabbro, monzonite, diorite, syenite, granite
		mbPz	Stocks; granite porphyry
		gpPz3III	Dikes; granite porphyry, grano diorite, quartz porphyry, apatite

--- Fault
 ↗ 70 Strike and dip of strata

