

Appendix 3-3 Progress Record of Drilling

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□ Plan ▨ Result

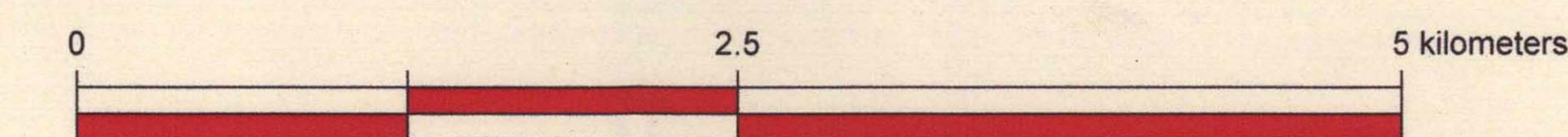
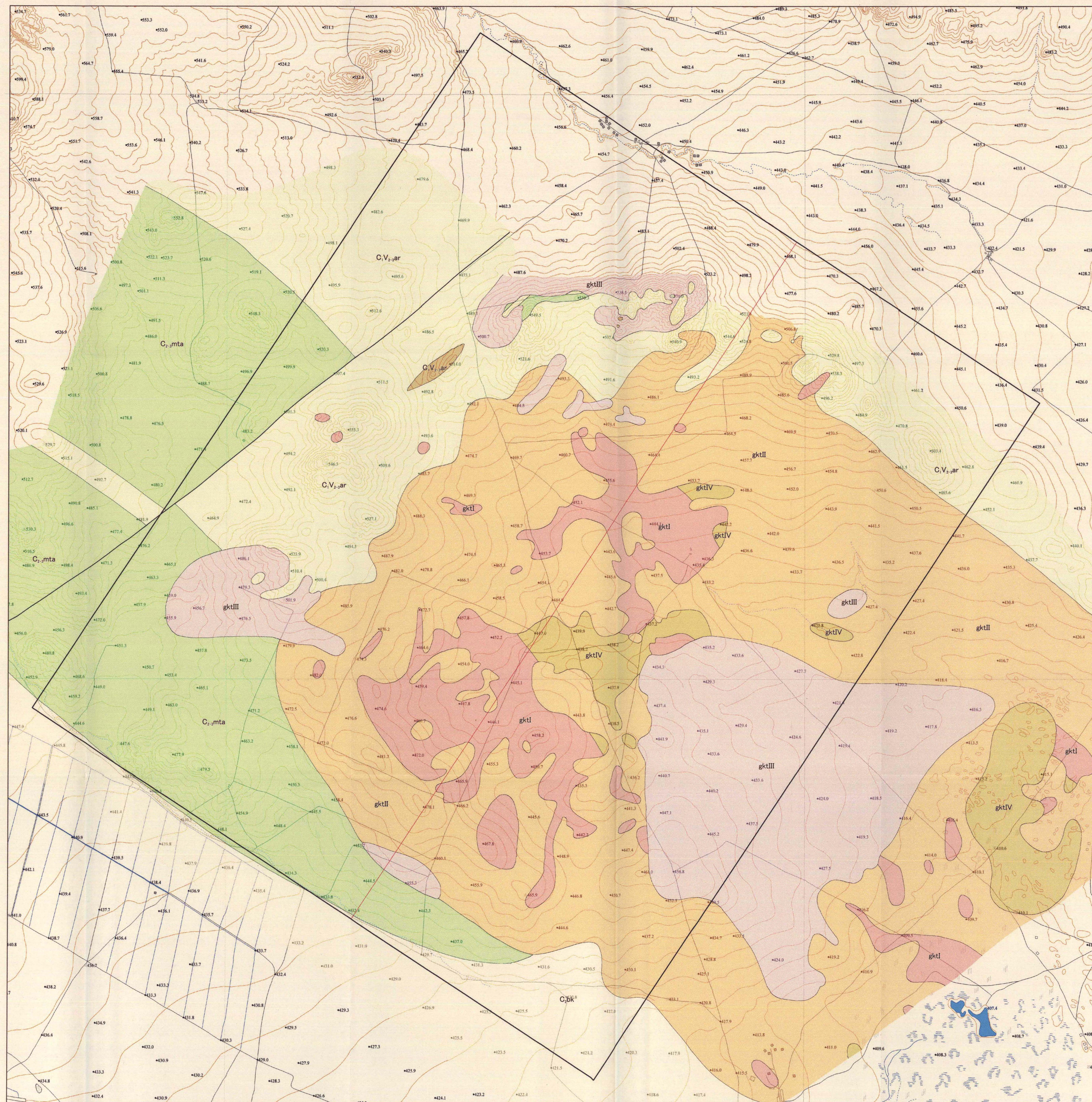
Item of the survey		Quantity of works	2002				2003	
			June	July	August	September	October	January
Travel (Japan to Kazakhstan)			29 30 □ 29 30 ▨					
Transportation of materials and preparation				7 □ 4 ▨				
Drilling survey	No. 1 machine	9holes, 508.5m		8 □ 4 ▨	19 ▨	27 □		
	No. 2 machine	9holes, 432.0m		4 ▨	23 ▨			
	No. 3 machine	49holes, 1327.0m		4 ▨	27 ▨			
	total	67holes, 2267.5m						
Dismount		No. 1 machine				28 30 □		
		No. 2 machine				21 ▨		
		No. 3 machine				23 27 ▨ 28 30 ▨		
Travel (Kazakhstan to Japan)		No. 1				31 6 □		
		No. 2, 3				2 ▨ 9 ▨ 26 ▨ 4 ▨		
Report making							7 □	7 ▨

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

Pl. II-2-1 Geological Map of Pre-Tertiary Basement



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
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LEGEND

Carboniferous	Maityub formation	C ₂ mta	conglomerate, sandstone, siltstone, mudstone
	Bukon formation	C ₂ bk	conglomerate, sandstone, siltstone, mudstone
	Arkalyk formation	C ₂ v ₂ ar	shale, sandstone, conglomerate /magnetite rich sandstone
Permian to Jurassic		gktIV	gabbro
		gktIII	granite
	Karaotkel batholith	gktII	syenite
		gktI	granitoids

