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Mineral contents of sand samples from the Great Northern Plains

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Sand samples from the Great Northern Plains have been examined as follows.

Line 16, Bore No. 1

0 – 5'	magnetic	25%
	zircon	55%
	rutile	12%
	quartz	8%
5 – 10'	magnetic	30%
	quartz	55%
	zircon	10%
	topaz	3%
	rutile	1%
	tourmaline	1%
10 – 15'	magnetic	50%
	quartz	30%
	zircon	15%
	pyrite	3%
	rutile	2%
15 – 20'	magnetic	60%
	quartz	14%
	zircon	18%
	pyrite	4%
	rutile	2%
	spinel	1%
	cassiterite	1%
20 – 25'	magnetic	40%
	pyroxene	48%
	quartz	12%
25 – 30'	magnetic	50%
	pyroxene	40%
	quartz	10%
30 – 35'	magnetic	55%
	pyroxene	35%
	quartz	10%

The material from 20' – 35' appears to be of doleritic origin.

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