

Table 6. Summary of barite resources in Pakistan

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<u>Division</u>	<u>District</u>	<u>Deposit</u>	<u>Est. reserves (short tons)</u>	<u>Est. grade of ore (% BaSO₄)</u>	<u>Main gangue minerals</u>	<u>Type of deposit</u>	<u>Country rock</u>	<u>Remarks</u>
Peshawar	Hazara	Kohala	25,000 +	80-95	Quartz, calcite, slate inclusions	Vein and replacement?	Argillite	Small deposits. Active mining; opencuts, later underground. Further exploration needed, especially in Khan Kalan area.
Do.	do.	Kachhi	1,000 +	60-90	Quartz	Vein	Quartzite	Small deposits. Underground mining necessary.
Do	do.	Faqir Mohammad	500 +	30-95	Quartz, calcite	Vein	Limestone	Very small deposits. Exploration and develop- ment continuing.
Do.	do.	Tipra	--	50-90	Quartz, calcite	Vein	Slate	Very small, pockety. Uneconomic.
Kalat	Khuzdar	Gunga	1,280,000	60-95	Calcite, quartz, iron oxide	Replacement	Limestone and shale	Low-cost mining possible, open-pit. Transportation problem, possible bene- ficiation problem.
Karachi	Las Bela	Bankhri	2,000 +	80-95	Small amounts of calcite, quartz galena	Vein	Sandstone	Small deposit, good ore. Underground mining necessary. More deposits likely in area.
Do.	do.	Kudni	14,000 +	40-95	Calcite, iron oxide	Replacement	Limestone and shale	25% of reserves high grade; remainder requires bene- ficiation. Transportation problem, underground mining necessary. More deposits likely in area.
Quetta	Chagai	Koh-i-Sultan	500 +	30-95	Quartz, feldspar	Replacement	Felsic igneous rock	Beneficiation needed. Transportation problem, also water. Uneconomic.
Kalat- Karachi	Khuzdar Las Bela	--	Less than 2% of host rock	80?	Shale 98% +	Sedimentary	Shale	Nodules in Cretaceous shale. Uneconomic.
Sargodha	Mianwali	Salt Range	Less than 1% of host rock	?	Feldspathic sandstone 99%	Sedimentary?	Sandstone	Accessory mineral in sandstone. Uneconomic.
		Total	1,423,000 tons					