

TABLE OF THE GEOLOGICAL FORMATIONS OF INDIA.

PENINSULA.	HIMALAYAS.	SALT-RANGE.	OTHER AREAS.	AGE.
Newer alluvium of the deltas; newer raised-beaches; coral banks. Cave-deposits of Karnul.	Modern river-deposits. Dry deltas, fans, etc.	Blown sand, loess; travertine, etc.	Newer alluvium— <i>Khadar</i> of the Indus and the Ganges.	<i>Recent.</i>
Older alluvium of the Narbada, Godavari, etc.; <i>Palaolithic</i> gravels; low-level <i>laterite</i> ; <i>Porbander</i> sandstone; raised-beaches; sand dunes; loess; desert sands of Rajputana and Cutch. Cuddalore sandstone.	Ice Age. Glacial moraines; perched blocks, etc.; <i>Upper Karewas</i> of Kashmir; old high-level alluvia of the Sutlej, etc. River-terraces.	Loess deposits. Travertine masses.	The Indo-Gangetic Alluvium— <i>Bhangar</i> . Loess of Baluchistan.	<i>Pleistocene.</i>
<i>Laterite</i> (high-level) of the Peninsula. Ossiferous conglomerate of Perim island.	<i>Siwalik System.</i> <i>Upper Siwalik.</i> <i>Middle Siwalik.</i> <i>Lower Siwalik</i> or <i>Nahan.</i>	<i>Siwalik System.</i> <i>Upper Siwalik.</i> <i>Middle Siwalik.</i> <i>Lower Siwalik.</i>	<i>Siwalik System.</i> [Irrawaddy System of Burma. <i>Manchar</i> System of Sind.]	<i>Pliocene.</i> <i>Upper Miocene.</i> <i>Middle Miocene.</i>
Cuddalore Series of the East Coast (part); <i>Gaj</i> Series of Cutch; Tertiary of Quilon.	<i>Murree</i> Series of Punjab Himalayas; <i>Kasauli</i> and <i>Dayshahi</i> Series of Simla Himalayas.	—	<i>Burma.</i> <i>Sind and Baluchistan.</i> <i>Mekran System.</i> Intrusive granites, syenites, etc. <i>Kama</i> clays and Assam oil-beds. <i>Prome</i> Series. <i>Sisayan</i> shales.	<i>Lower Miocene.</i>
<i>Nari</i> Series of Cutch; <i>Duarka</i> beds of Kathiawar.	<i>Kuldana</i> beds. Intrusive granites, etc., in the core of the Hin alayas.	—	<i>Gaj</i> Series of Sind. <i>Flysch</i> of Baluchistan. <i>Bagti</i> beds. <i>Nari</i> Series of Sind.	<i>Oligocene.</i>

ARYAN GROUP.

TABLE OF THE GEOLOGICAL FORMATIONS OF INDIA—Continued.

PENINSULA.	HIMALAYAS.	SALT-RANGE.	OTHER AREAS.	AGE.
<p><i>Nummulitics</i> of Surat and Broach; Lower Tertiaries of Cutch; nummulitic limestone of Rajputana. <i>Laki</i> Series of Bikaner.</p>	<p><i>Subathu</i> Series of Outer Himalayas; Lower Tertiaries of the Inner Himalayas, Indus Valley and Hundes. Coal-bearing beds of Jammu <i>Laki</i> Series.</p>	<p>Nummulitic limestone. <i>Laki</i> Series, Eastern Range.</p>	<p>Kirthar Series (nummulitic limestone) of Assam, Burma, Sind and Baluchistan. Laki Series of Assam, Sind and Baluchistan. Ranikot Series of Sind.</p>	<p><i>Upper Eocene.</i> <i>Lower Eocene.</i></p>
<p>South-East Coast Cretaceous. <i>Ninigar Stage.</i> Deccan Trap. <i>Ariyatpur</i> " <i>Lameta</i> Series. <i>Trichinopoly</i> " <i>Bagh</i> beds. <i>Uttatur</i> " "</p>	<p>Cretaceous of Central Himalayas. [Plutonic and volcanic igneous rocks.] <i>Flysch</i> of C. Himalayas. <i>Chikkim</i> Series of North Himalayas. <i>Gumal</i> sandstone of Spiti and Hazara.</p>	<p>Cretaceous of West Salt Range— Chichali.</p>	<p>Intrusive granite, gabbros, and serpentine of Baluchistan and Burma. <i>Cardita beaumonti</i> beds and <i>Pab</i> sandstone of Sind, Baluchistan and Burma. Cretaceous of Assam. <i>Parh</i> limestone of Baluchistan.</p>	<p><i>Danian.</i> <i>Cenomanian.</i> <i>Weald.</i></p>
<p>Upper Gondwana System. <i>Uma</i> Series. <i>Jabalpur</i> Series. Rajmahal Series.</p>	<p>Jura of the Himalayas. <i>Spi's</i> shales. <i>Kioto</i> lime-stone (<i>Megatodon</i> limestone.) <i>Tal</i> Series of Garhwal.</p>	<p>Upper and Middle Jurassic of the West Salt Range— Chichali range.</p>	<p>Massive limestone of Baluchistan (Oolite). Black crinoidal limestone of Baluchistan (Lias). <i>Namyau</i> beds of Northern Shan States.</p>	<p><i>Jurassic.</i></p>
<p>Marine Jurassic of Cutch. <i>Uma</i> Series. <i>Katrol</i> Series. <i>Chari</i> Series. <i>Patcham</i> Series. Marine beds in the East Coast Gondwanas.</p>				

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<p>Middle Gondwana System. <i>Maleri</i> Series. <i>Kamithi</i> Series. <i>Panchet</i> Series.</p>	<p>Trias of the Himalayas. Upper Trias. Middle Trias. Lower Trias (<i>Otoceras</i> zone).</p>	<p>Trias of Salt-Range. — Middle Trias. Lower Trias (<i>Ceratite</i> beds).</p>	<p>Upper Trias of Baluchistan and <i>Napeng</i> beds of Burma. — —</p>	<p><i>Triassic.</i></p>
<p>Lower Gondwana System. { <i>Raniganj</i> Stage. <i>Damuda</i> Series. { <i>Ironstone</i> shales stage. { <i>Barakar</i> Stage. <i>Talchir</i> Series. { (<i>Karharbari</i> Stage. { <i>Talchir</i> " boulder-bed.)</p>	<p>Permian of the Himalayas. <i>Zewan</i> Series of Kashmir and the <i>Productus</i> shales of Spiti and the Central Himalayas. <i>Gangamopteris</i> beds of Kashmir.</p>	<p>Productus limestone. <i>Productus</i> limestone. Speckled sandstone. Boulder-bed.</p>	<p>Plateau limestone— Upper part, of the Northern Shan States</p>	<p><i>Permian.</i> <i>Perno-Carboniferous.</i></p>
<p>Carboniferous of Spiti and Kashmir. <i>Panyal</i> Volcanics. <i>Po</i> Series of Spiti and <i>Fenestella</i> shales of Kashmir. <i>Lipak</i> Series of Spiti. <i>Syringothyris</i> limestone of Kashmir.</p>	<p>Carboniferous of Spiti and Kashmir. <i>Panyal</i> Volcanics. <i>Po</i> Series of Spiti and <i>Fenestella</i> shales of Kashmir. <i>Lipak</i> Series of Spiti. <i>Syringothyris</i> limestone of Kashmir.</p>		<p>Plateau limestone— Middle part, of the Northern Shan States <i>Fusulina</i> limestone of Baluchistan. Plateau limestone— Lower part, of the Northern Shan States</p>	<p><i>Middle and Upper Carboniferous.</i> <i>Lower Carboniferous.</i></p>

ARYAN GROUP (contd.).

DRAVIDIAN GROUP.

TABLE OF THE GEOLOGICAL FORMATIONS OF INDIA—Continued.

PENINSULA.	HIMALAYAS.	SALT-RANGE.	OTHER AREAS.	AGE.
	<i>Muth</i> Series of Spiti and Kashmir. Devonian limestones of Hazara and Chitral.		Devonian of Burma. Crystalline limestones of Padaupkin. <i>Wetwin</i> shales.	<i>Devonian.</i>
	Silurian of Spiti and Kashmir. Fossiliferous Silurian beds of Spiti and Kashmir.		<i>Zebingyi</i> Series. <i>Namshim</i> sandstone.	<i>Silurian.</i>
	Ordovician of Spiti and Kashmir. Fossiliferous Ordovician beds in Central Himalayas and in Kashmir.		<i>Nang Kangyi</i> Series of Northern Shan States.	<i>Ordovician.</i>
	Cambrian of Spiti and Kashmir. <i>Haimanta</i> System of Central Himalayas. Cambrian(?) of Kashmir.	Cambrian of Salt-Range. <i>Magnesian</i> sandstone. <i>Neobolus</i> beds. Purple sandstone. Red Salt-Marl (?)	<i>Chang Magyi</i> Series of Northern Shan States.	<i>Cambrian.</i>

DRAVIDIAN GROUP (contd.).

PENINSULA.	HIMALAYAS.	SALT-RANGE.	OTHER AREAS.	AGE.
<p>PURANA GROUP.</p> <p>Vindhyan System. Upper Bhandar Series. Kaimur Series. Rewa Series.</p> <p>Lower Karnul Series. Malani Series. Intrusive granites of Jalor and Sivana.</p> <p>Cuddapah System. Upper Nallamalai, Kistna, and Kaladgi Series.</p> <p>Lower Bijawar, Cheyair, and Guwalior Series. Papaghani Series.</p>	<p>HIMALAYAS.</p> <p>Attock Series of Peshawar and Hazara. Baza Series of Eastern Himalayas. Deoban, Daling, Krol and Infra-Krol Series of Central Himalayas.</p>			<p>Torridonian.</p> <p>Algonkian.</p>
<p>ARCHAEAN GROUP.</p> <p>Archaean System. Dharwar Aravalli Series. System. Champaner " " Shillong " " Gondite " " Kodurite " "</p> <p>{ Charnockite gneisses and granites of South India Bundelkhand gneiss— Massive granulated gneiss. Bengal gneiss and Schistose gneisses. GRANITES. }</p>	<p>Vaikrita Series of Spiti; Daling of Eastern Himalayas; Jainsar and lower part of the Simla System of Central Himalayas.</p> <p>"Central gneiss" in part.</p>		<p>Crystalline limestones, etc., of Burma.</p> <p>Archaean fundamental gneiss and intrusive granites of Burma, Assam, Baluchistan, etc.</p>	<p>Huronian.</p> <p>Archaean.</p> <p>Lewisian.</p>