

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 1380

DATED 11th March 1897

[Despatch Abstract.]

Comm. to the Secy. Govt. of India
Resolution on the Annual Report of the
Geological Survey of the Geological
Museum, Calcutta, for the year 1896.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No.

Secy ^{recd} 11/3/97
Order inis No. 1380 d/11 March 1897

Communicated to the
Board of Revue (Rs. 27a)

11/2/97 10.3.97

From
The Govt of India
Dept of Geo & Agric

No. $\frac{4}{27.2}$

Dated 26th Feb 1897
Received 8th }
Registered 8th } March 1897

Enclosures

To The Board of Revue (Rs) No. 13.3.97 Spare copies
Avo

SUBJECT.

For forwarding copy of a
resolution on the annual
report of the Geological
Survey and of the
Geological Museum
Calcutta, for the year

recd
7/3/97

and
9.3.97

BACK PAPERS.

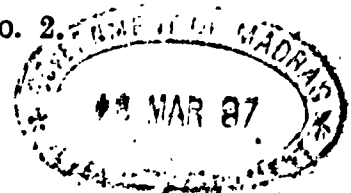
G.O.	No.	Department.	Date.
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FURTHER PAPERS.

G.O.	No.	Department.	Date.

FILE No. 27 OF 1897.

SERIAL No. 2.



1897.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

GEOLOGY and MINERALS.

RESOLUTION.

No. ⁴/₂₇₋₂

Dated Calcutta, the 26th February 1897.

SUBJECT.

RESOLUTION on the Annual Report of the Geological Survey and of the Geological Museum, Calcutta, for the year 1896.

No. $\frac{4}{27-2}$.

Extract from the Proceedings of the Government of India, in the Department of Revenue and Agriculture (Geology and Minerals): No. $\frac{4}{27-2}$, dated Calcutta, 26th February 1897.

GEOLOGY AND MINERALS.

READ—

Annual Report of the Geological Survey and of the Geological Museum, Calcutta, for the year 1896.

RESOLUTION.

The work on which the officers of the Department were engaged during the year under review is shewn in the following table:—

Name of officer.	Locality where employed.	Character of work.	Whether main object scientific or practical.
Mr. Oldham . . .	Rewah . . .	Geological survey . . .	Scientific.
Ditto . . .	Head-quarters . . .	Administrative . . .	.
Mr. LaTouche . . .	Rajputana . . .	Geological survey . . .	Ditto.
„ Middlemiss . . .	Madras . . .	Ditto Examination of gold-bearing reefs and special investigations of corundum-bearing rocks.	Ditto and Practical.
Dr. Warth . . .	Chota Nagpur . . .	Mineralogical survey . . .	Practical.
Mr. Holland . . .	Naini Tal . . .	Safety of Government House Hill, Naini Tal.	Scientific and Practical.
	Head-quarters . . .	In charge Museum and Lecturer on Geology, Presidency College.	
Mr. Datta . . .	Rewah . . .	Geological survey . . .	Scientific.
„ Smith . . .	Madras . . .	Ditto . . .	Ditto.
	Assam . . .	Ditto . . .	Ditto.
„ Hayden . . .	Punjab . . .	Ditto . . .	Ditto.
	Burma . . .	Examination of minerals . . .	Practical.
„ Vredenberg . . .	Rewah . . .	Geological survey . . .	Scientific.
„ Grimes . . .	Ditto . . .	Ditto . . .	Ditto.
	Burma . . .	Ditto . . .	Practical.
„ Anderson . . .	Chota Nagpur . . .	Mineralogical survey . . .	Ditto.

2. The department was short-handed in consequence of retirements and absence on furlough; notwithstanding which, there was an extension of survey work. The survey of the Salem and Coimbatore districts of Madras was energetically pushed forward, and it is expected that it will be completed in 1897. It has already thrown light on the age of the Hosur gneiss and upon the gold-bearing system of Southern India. The survey of Rewah was practically finished, and would have been entirely completed but for the exceptional unhealthiness of the season: The survey has added to the material available for determining the nature and origin of the Vindhyan sandstones. During the working season of 1895-96, Sub-Assistant Kishen Singh was engaged in Baluchistan in the survey of the Chehiltan range and part of the Khwāja Amrán.

The survey of Rajputana was resumed, and Mr. LaTouche was engaged for a part of the year in Southern Marwar. Mr. Holland made a full investigation of the stability of the Naini Tal hill-sides; and during the recess Mr. Hayden completed the geological survey of Simla, Mahasu and Jutogh. The survey of Assam was resumed by Mr. Smith.

3. Practical work was carried on mainly in Madras, Central India, Burma, and Chota Nagpur. In Madras some gold-bearing reefs were examined by Mr. Middlemiss in the neighbourhood of Kollegal. The special investigation of the corundum-bearing rocks was actively pursued, and has now reached a stage at which it has become advisable to practically test the commercial value of the ore. Several new discoveries of iron ores were made, and some previously known sites reexamined; but the statement in the report that all special investigation of these ores would be waste of time is premature, as the subject is still under inquiry. Arrangements were made for the trial of the steatite of the Kurnool district by an English firm. In Central India the western extension of the Singrauli coal-field was surveyed, and an abundant supply of coal discovered in the Damuda area, though too far from existing lines of communication to be immediately valuable. In Burma Mr. Hayden completed his examination of the Sagyin ruby tract, and examined the Mithwe coal-field, a yellow ochre deposit near Panjpe, and the steatite mines in the Kyaukpyu district of Arakan. The inquiries of Dr. Noetling appeared to indicate that the Yenangyoung oil-field was approaching exhaustion, and a search is now being made with every hope of success for a fresh field to take its place. Quartz-crushing operations in Chota Nagpur were much delayed, and were in the end inconclusive. It is hoped that the survey of Assam, which has now been resumed, will add materially to our knowledge of the mineral resources of the province.

4. Mr. Holland continued his valuable petrological studies of Indian rocks, and a memoir by him upon the corundum-bearing rocks is ready for publication. He also completed the rearrangement of the mineral and rock collections of the Museum. Good progress has been made with the publication of the results arrived at by the officers of the Department.

5. Mr. Grundy was confirmed in the appointment of Inspector of Mines in view of the contemplated legislation for the regulation of mining operations in India.

6. The Governor General in Council is pleased to express his satisfaction with the manner in which the Geological Survey of India has been conducted by the Department during the year under review.

ORDER.—Ordered that a copy of the foregoing Resolution be forwarded to the Director, Geological Survey of India, and to Local Governments and Administrations, and that it be published in the Supplement to the *Gazette of India*.

[True Extract.]

W. G. B. B. B.
Secretary to the Government of India.

To

The Secretary to the Government of Madras.

When given for copying _____
When copied _____
When examined _____
When signed _____

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READ AGAIN G.O., No. _____
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DATED

QUANTITY No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

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LETTERS OF GOVERNMENT

STATEMENT WITH LETTERS

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
IN ORIGINAL.

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