

GOVERNMENT OF RAJASTHAN



सत्यमेव जयते

A STUDY

OF

THE PALANA LIGNITE FIELD IN RAJASTHAN

By

M. L. Sethi

**Director of Mines & Geology, Government of Rajasthan
& Agent Palana Colliery, Udaipur.**

and

A. B. Mukherjee

Ex-Mine Manager, Palana Colliery, Palana.

May, 1958.

**PRINTED AT
THE GOVERNMENT PRESS,
UDAIPUR.**

INDEX

	PAGES.
Introduction.	1
Lignite Discovery.	1
Geology of Palana Coal field	2-5
Origin of the Deposit.	6
Age of the Deposit.	6
Nature of the Palana Lignite.	6-8
Structure of the Deposit.	9
Method of Working.	9-10
Ventilation.	10
Power.	10-11
Opencast Mining.	11-14
Future Development.	14
Prospecting and Exploration.	14-15
Other Occurrences of Lignite and Carbonaceous Shales and their further Prospecting.	15-16
Utilization.	16
Briquetting.	17-19
Carbonization.	20
Conclusion.	20-21
Utilization of Lignite (Chart)	22
Analyses of important World Brown Coal Deposits	23
Statement showing Borehole Data.	24-26
