

NATIONAL AWARD FOR E-GOVERNANCE

EXCELLENCE IN GOVERNMENT PROCESS RE-ENGINEERING FOR DIGITAL TRANSFORMATION

REGIONAL CONFERENCE ON e-GOVERNANCE



Government of Uttar Pradesh



UTTAR PRADESH

MINE MITRA

An integrated portal for end-to-end mineral management, bringing all citizen services, mineral management & mining surveillance under one umbrella for ease of doing business, & better e-governance in the state of Uttar Pradesh.

www.minemitra.up.gov.in

Launch date - 17th July 2020



Directorate of Geology & Mining,
Government of Uttar Pradesh



By

Vipin Kumar Jain
Special Secretary &
Additional Director

WHY MINEMITRA?



Covert interest groups distorting free play of market forces



Scattered information database and high resistance to technology adoption



Opaque user interface and long-winded tedious manual processes



Anomalies & malpractices- cartels & nexus, unscientific mining, pilferage & overloading



Arbitrariness in enforcement leading to complaints of randomness in spot inspection

OBJECTIVE

MINE MITRA is an innovative & ambitious initiative by the Directorate of Geology & Mining to bring in transparency in the user interface and curb illegal practices in mining & mineral transportation through real-time data surveillance & business process re-engineering.

- Create a user-friendly and responsive platform for the average citizen
- Promote ease of doing business & transactions in the mining sector
- Encourage all users to adapt to the digital platform for optimizing outcomes
- Create a standardized legal regime applicable uniformly to every Lessee/Transporter in the state
- Enable price control and parity in the market
- Build in transparency by onboarding of all key stakeholders
- Generate greater revenue for the government
- Facilitate legal mining marking a step forward for a cleaner & greener mining ecosystem

SOLUTIONS



Mining e-Services
For Citizens



Online Mineral Management
For DGM, Lessee,
Stockist & Transporter



Smart Enforcement System
For Directorate, DM, MO,
Lessee/Stockist & Transporters



UP Mineral MART
Lessee/Stockist, Transporters, Government
Construction Agencies and Consumer

Mining e-Services (For Citizens)

- All permits, permissions, license and lease issued by the department of mining integrated onto a single unified platform
- Eliminating physical interface by giving remote access to services
- Increasing cost & time efficiency for all stakeholders
- Promote local enterprise & economy

Online Lease

Online LOI
Deed Execution

Online License

Stock License

Online Permit

Agricultural Land Mining

Bhoomidhari Land
Mining (River Bed)

Excavation
of Ordinary
Earth

Basement &
Development
Projects

Online Permission

Mineral Retailer
Registration

Farmer Registration
for extraction of
Ordinary Earth
(Bhoomidhari)

All services are initiated On- JUL-2020

87,084

Total Applications
Processed

81,468

Total Applications
Disposed

UP Mineral MART

(Lessee/Stockist, Transporter, Government Construction Agency and Consumer)



<https://upmineralmart.com>

- An e-commerce platform for direct buyer seller interface
- All lessees & stockists of river bed minerals registered
- Daily updation of mineral stock & price
- Online payment module
- Rating & feedback corner

Mineral Sale Points

1091

Registered Transporters

31206

(Source: The above stats shown are as of 19th January, 2023 from start date)

Online Mineral Management (For DGM, Lessee, Stockist & Transporter)

Promotes ease of doing business for concessionaires & transporters and enables process automation and lease information management for the Directorate of Geology & Mining.

- ✓ Online issuance of transit passes i.e., eMM-11, eFormC, ISTP
- ✓ Online installment payment facility for lease, permit & brick kilns
- ✓ Full lifecycle mapping of a mineral lease (DSR to DEED)
- ✓ Vehicle registration for mineral transporters
- ✓ e-verification of transit pass by government construction agencies
- ✓ Online approval of mining plan by DGM

36,98,983

Transit Pass Verified

EMM-11

Initiated On- **AUG-2017**

2,38,11,020

Transit Pass Issued

5939 cr.

Revenue Generated

eFormC

Initiated On- **JUL-2020**

18,37,070

Transit Pass Issued

529 cr.

Revenue Generated

ISTP

Initiated On- **FEB-2020**

48,59,023

Transit Pass Issued

529 cr.

Revenue Generated

Approval of Mining Plan

1276

Mining Plan Approved

Vehicle Registration

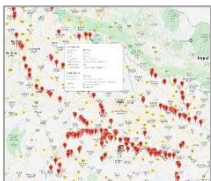
105000+

Vehicle Registered

Smart Enforcement System

For Directorate, DM, M0, Lessee/Stockist & Transporter

Smart Enforcement System based on real-time data surveillance and alerts from pit mouth (Mine) to Market and provision for issuance of e-notices and online payment facility for penalty recovery



Geo-fencing of lease areas

812+

Lease Areas
Geo-fenced



PTZ Cameras & weighbridges in mines

810+

Weighbridges
Installed & Active



MINETag installed on mineral carrying vehicles

1,05,000+

MINETag issued to Mineral
Carrying Vehicles



AI & IoT based unmanned Checkgates installed on all major mining routes

33+ Active Checkgates

5+ In Process
Checkgates



RFID handheld reader & mCheck app with all district mining officers

75+

RFID Handheld Devices
with m-CHECK App



Unified Revenue Command Center with DSS at DGM



24X7 Helpline

Toll Free No.
1800 123 1171



ANPR Camera



Varifocal Camera



RFID UHF Tags



RFID Reader &
Antenna



IR Illuminator



Solar Panel



Local
Processing Unit



Gantry

- 24x7 vigil on mining & mineral transportation without manual intervention
- Tracks mineral carrying vehicles without stoppage, hence facilitating hassle-free movement
- Captures data on cloud thereby creating actionable intelligence for the department & district administration
- Eliminate adhocism in enforcement

District wise Established Mining CHECKGATE



CG1- Lalauli
(Fatehpur)



CG2 - Datauli
(Fatehpur)



CG3- Udi
(Etawah)



CG4- Niwada
(Baghpat)



CG5- Kalpi
(Jalaun)



CG6 - Prakash Bahmori Road
(Mahoba)



CG7 - Badaura Road
(Mahoba)



CG8 - Girwa Chauk
(Banda)



CG9 - Shahjahanpur
(Saharanpur)



CG10 - Bihariagarh
(Saharanpur)



CG11- Robertsganj Toll Plaza
(Sonbhadra)



CG12- Sukrit
(Sonbhadra)



CG- 13 Chichara
(Mahoba)



CG- 14 Sunceha
(Mahoba)



CG- 15 Gursarai
(Jhansi)



CG- 16 Poonch
(Jhansi)



CG- 17 Kuthond
(Jalaun)



CG- 18 Mehrauri
(Lalitpur)



CG- 19 Mebat Dhaba
(Lalitpur)



CG- 20 Saiyan Toll Plaza
(Agra)

On-Spot Inspection by The Enforcement Team



Established Weighbridges at Mines



Total e-Notices Issued

44,303

Total Penalty Recovered

₹ 84,91,17,442

Stats as on 19th January, 2023

Quantifiable improvement through implementation of GPR initiatives as on **Date - 19.01.2023**

Sl. No.	Services	Data as on 01-Oct-2019 (Before GPR)	Data as on 26-Feb-2021	Data as on 19-Jan-2023 (After GPR)
1	eMM11 Issued	Nil	97,26,474	2,38,11,020
2	Revenue Generated by eMM11 (In Crore)	Nil	2,853	5,939
3	eFormC Issued	Nil	3,20,310	18,37,070
4	ISTP Issued	Nil	15,94,579	48,59,023
5	Revenue Generated by ISTP (In Crore)	Nil	164	529
6	Online Leases	Nil	487	822
7	Online Brick Earth Kilns	Nil	86	418
8	MINETag Installed	Nil	24,703	1,05,000
9	Weighbridges Integrated	Nil	260	810
10	Lease area Geo-fenced	Nil	260	812
11	Agricultural Land Mining permits	17	382	1,902
12	Basement & development projects permits	36	339	1,540
13	Bhoomidhari Land Mining (River Bed) permits	25	198	605
14	Excavation of Ordinary Earth permits	115	3,056	15,017
15	Permission for Mineral Retailer Registration	Nil	1,328	14,135
16	Permission for Farmer Registration for Extraction of Ordinary Earth (Bhoomidhari)	Nil	483	50,897
17	Stock License Issued	Nil	200	1,643
18	Mining Plan Approved	28	71	1,276
19	Online LOI & Deed Execution	Nil	80	1,421
20	Applications received for Mining eServices	Nil	20,358	87,084

(Source: The above stats shown are as of 19th January, 2023 from start date)

Key Outcomes

- Digitization of all mining services
- Effective reduction of application processing time from an average of 30 days to 24 hours
- API Integration with MoRTH (VAHAN), other departments of the state government like Industries (Nivesh-Mitra), Revenue (Bhulekh) and CM Dashboard (DARPAN) as well as mineral transit pass portals of bordering states leading to better inter-agency networking and coordination
- Enhancing government revenue through checks on excessive mining & illegal transportation
- Real-time monitoring tool in the form of Director Dashboard for statewide review of applicationwise pendency
- A robust departmental MIS and analytical reporting through DSS
- Onboarding of public through web based & android/iOS mobile application resulting in higher transparency & user confidence

<https://minemitra.up.gov.in>



Thanks

By



Directorate of Geology & Mining,
Government of Uttar Pradesh

Powered & Supported by



MARGSOFT Technologies (P) Ltd.

www.margsoft.com



Scan to download
MINEMITRA Mobile App