### What sets us apart?

HEMS Laboratory is NABL- accredited and follows national testing standards in a pure professional environment. We deliver high-precision mineral and environmental analysis, tailored to your project needs. Our team supports you from sampling to interpretation—so you can move forward with clarity and confidence.

# **Our Team**

Our interdisciplinary team brings together deep knowledge of geology, chemistry, and environmental science.

#### Kaushik Shukla (Quality Manager)

With over 35 years of experience in mineral analysis, Mr. Shukla specializes in mineral testing and holds deep expertise in Gujarat's mineral landscape.

#### **Darshal Patel (Technical Manager)**

With a background in Chemical and Environmental Engineering, he brings hands-on experience from GEMI in the environmental field.

### HORIZON ENVIRONMENT & MINERAL SOLUTION LLP

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### www.hemslab.com

NABL Accredited Laboratory An ISO 9001 : 2015 Company

H O R I Z O N

"Have Experience Make Solution"

TM

# Infrastructure

The lab is equipped with advanced instruments and a wellorganized layout for efficient operations. With dedicated areas for testing and storage, we ensure a safe, streamlined environment. All processes comply with NABL and national standards for accurate, reliable and unbiased results.



















# Equipment

At HEMS, every piece of equipment is meticulously calibrated and maintained to ensure exceptional accuracy and precision. Our lab is equipped with advanced instruments, including:

- Spectrophotometer
- Flame photometer
- **Muffle Furnace**
- **Oven & Hotplate with Fume hood**
- **Class A Glassware & Titration Assembly Kit**
- **COD & BOD Analysis Equipment**
- **Ambient Air & Source Emission Monitoring Kit**

#### 4 & 5 Digit Weight Balance





# Scope of Testing

At HEMS Lab, we provide extensive range of mineral analysis and environmental parameter testing services as per NABL standard. Our state-of-the art facility ensures accurate and reliable results as per Indian Standards & APHA.

# **Mineral Testing**

- Aluminum Ore/Bauxite
- Bentonite
- China Clay
- Feldspar
- Fire Clay
- Iron Ores
- Limestone, Dolomite & Allied Materials
- Manganese Ores
- Quartzite/Silica Sand
- Soap Stone/Talc

# **Environmental Testing**









