Problem statement-
Simplification of process of salt iodization and to make aware them about Mineral present there

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Process to iodize salt in industries

Raw salt
  ↓
  washing.
  ↓
  Remove dirt.
  ↓
  Centrifuge → to separate water & salt.
  ↓
  dry + salt (powder).
  ↓
  passes through belt.
  ↓
  Iodization (iodine + water soln).
  ↓
  roll/ vibrate & dry.
  ↓
  Iodized Salt.
PROTOTYPE

Working

• Washing
• Iodization
• Crushing
• Drying
• Packaging
Advantages

• Will increase the cost of salt
• Will help in solving their financial crises
• They don’t have to depend on industries

Disadvantages

• They don’t have much water to wash salt
• It would take lot of time
• Not for large scale purpose as they produce large amount of salt i.e. 7 to 8 tons per day
Muscovite or Gypsum?

The only thing which differentiate each other is elasticity. Muscovite regains its shape when we try to fold due to its elastic nature but Gypsum breaks down in perfect clevage.
USES OF SELENITE (GYPSUM)

• Selenite helps in getting peaceful sleep.
• Selenite can help you stabilize your emotions and feel calm.
• Meditating with selenite can help you enhance your spiritual practices.
• Also, when we talked to Salt farmers, they told us that they use Gypsum during menstruation to cure pain. This is also mentioned in a book called De Natura fossilium (Textbook of Mineralogy) by Georgious Agricola.
• [https://books.google.co.in/books?id=qNOB-vcob88C&pg=PA92&lpg=PA92&dq=gypsum+menstrual+flow&source=bl&ots=RY1xuRi3er&sig=ACfU3U39zteen8_7VhZoCfiDpmNsIGjoKA&hl=en&sa=X&ved=2ahUKEwj4ntTYmejiAhVJQo8KHfB3BIEQ6AEwDXoECAkQAQ#v=onepage&q=gypsum%20menstrual%20flow&f=false](https://books.google.co.in/books?id=qNOB-vcob88C&pg=PA92&lpg=PA92&dq=gypsum+menstrual+flow&source=bl&ots=RY1xuRi3er&sig=ACfU3U39zteen8_7VhZoCfiDpmNsIGjoKA&hl=en&sa=X&ved=2ahUKEwj4ntTYmejiAhVJQo8KHfB3BIEQ6AEwDXoECAkQAQ#v=onepage&q=gypsum%20menstrual%20flow&f=false)
PRICE OF SELENITE (GYPSUM)

- Selenite Tower: Rs650 for 250gm
- Selenite Crystal: Rs650 for 250gm
- Gypsum Powder: Rs200 for 1Kg
BIBLIOGRAPHY

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