

## **Borovac coal cleaning process Assessment of ore bodies**

The first step to assess the suitability of Borovac process for particular coal deposit and type is to do a preliminary assessment.

The assessment will be based on information provided by potential user that should include the details listed in this questionnaire.

The preliminary assessment will be completed by Borovac process experts free of charge, subject to user's agreement not to disclose the results to any third party.

Your response to this questionnaire should be directed to:

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## 1. Mine

- Mine throughput.
- Crushing plant throughput.
- Crushing plant process flow diagram and P&ID.
- Site plan and general arrangement drawings of crushing plant also showing surrounding facilities and infrastructure.

## 2. Coal

- Type of coal (brown, lignite etc.).
- Run-of-Mine (ROM coal) size distribution.
- Crushing product size distribution.
- Distance from the coal crushing plant to power plant (km) – assuming the mine supplies coal to a power plant?
- Static head – difference in ground levels between crushing plant discharge and power plant coal storage site?
- Details of the coal supplied to other consumers (quantity, size distribution, distance, levels)?
- Graphical presentation of geological profiles showing complex coal seams.
- Any other information related to coal physical properties.

## 3. Waste

- Type of waste matter in coal (sand, clay...)?
- Graphical presentation of geological profiles showing complex coal seams with thickness of coal and waste interlayers.
- In case there is not a power plant and ash disposal in the vicinity of the mine, advise on a suitable location for disposal of waste slurry from the coal cleaning process?

## 4. Other

- List of coal consumers?
- Is any portion of the coal supplied and used in a brick manufacturing plant?
- Is the coal used for export? This will assist us to evaluate potential for natural reduction (weathering) of coal moisture received during the process.

## 5. Borovac process testing

(in order to check feasibility of coal cleaning process)

- Investigate whether there is site equipment available on site that could be used for running of the semi-industrial test (i.e. slurry pumps, screens etc.).
- Investigate suitable locations for the test pipeline (approx. 40 meters).
- Alternatively, provide the cost estimate to ship 300 kg of the ROM coal to Borovac's European laboratory to perform testing overthere.

## 6. Power plant

- Details on fly ash transport and disposal systems and equipment, including process flow diagrams.
- In case of fly ash being transported by hydraulic methods, provide the distance and route from the filter discharge to fly ash disposal. This may potentially be used to run the industrial test to study separation of the clean coal from its waste (sand).