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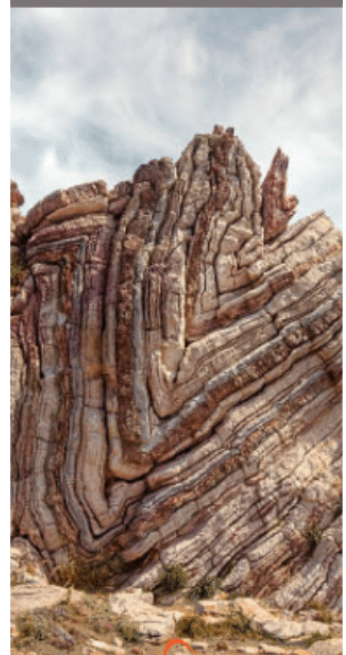
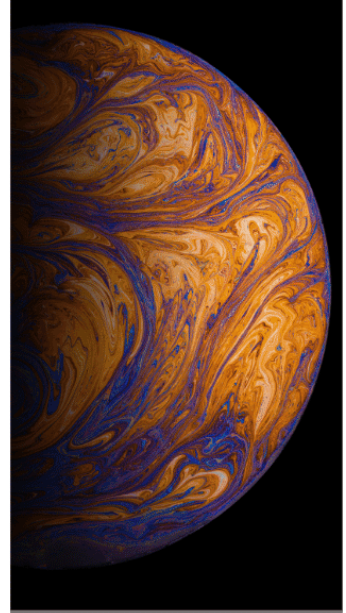
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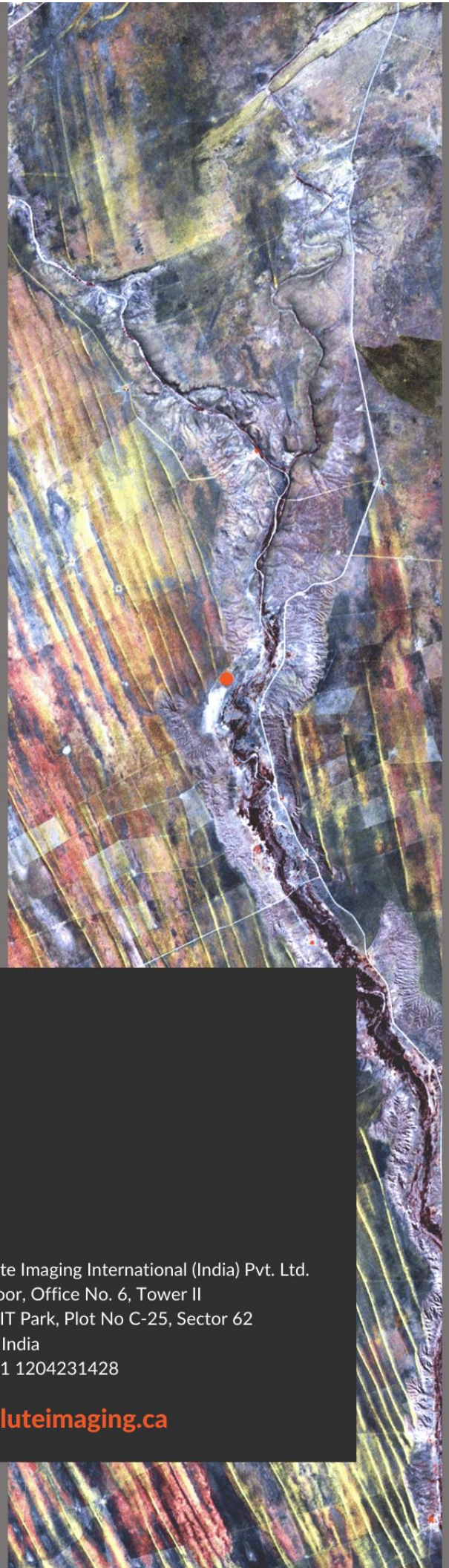
Unconventional processing of near-surface seismic data is often required because shallow sub surfaces can be characterized by high velocity gradients and complicated structures.

Absolute Imaging has been contracted to process many shallow seismic reflection data sets. These types of surveys usually involve imaging topography and internal structures within bedrock less than 100 metres below ground surface or water-bottom. A number of these surveys are in shallow marine environments with water depths less than 5 meters.

Absolute Imaging has developed a comprehensive processing workflow using internally developed algorithms. Included in this workflow is the careful analysis of near surface velocity model, robust noise suppression techniques to deal with linear, erratic & random noise, detailed & high density velocity analysis and careful mute application. This enhanced workflow has helped Absolute to accurately image shallow structures.

These targets are often of interest to oil sands operators to assist in mine development planning and for engineering firms specializing in the construction of pipelines, who need to identify potential hazards including faults and irregular structures within bedrock.





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