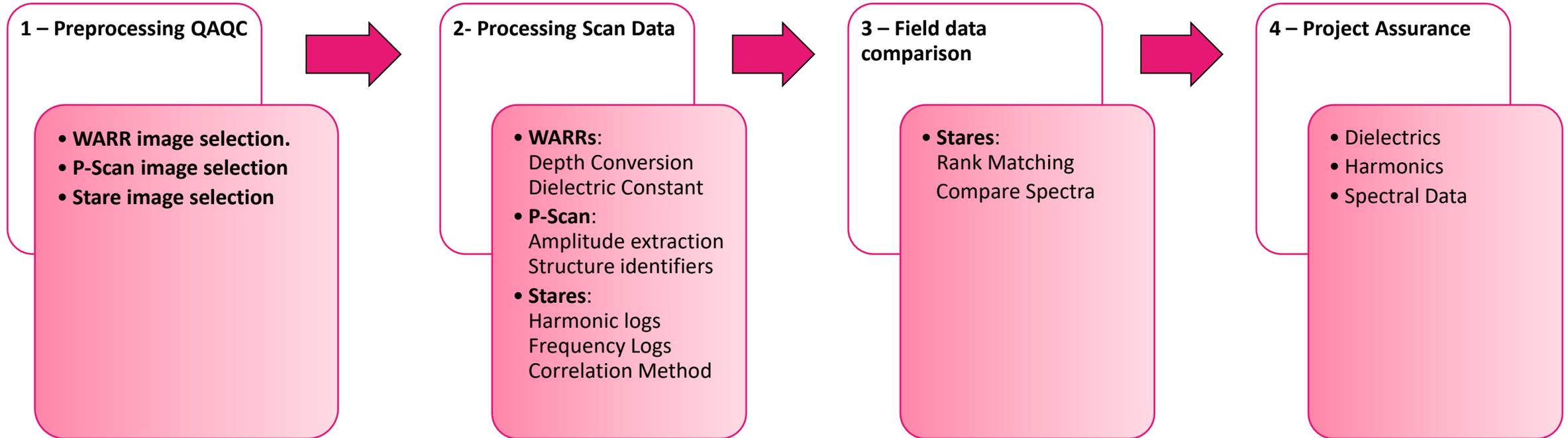


The background image shows a vast landscape of coal seams. In the foreground, there are large, terraced piles of dark coal and grey rock, with several small buildings and vehicles. The middle ground shows a valley with green forests and a winding road. In the background, there are majestic mountains with patches of snow under a blue sky with scattered white clouds.

Identification of Coal Seams in North America Survey “Site A”

1.2 Data Processing – Workflow 4



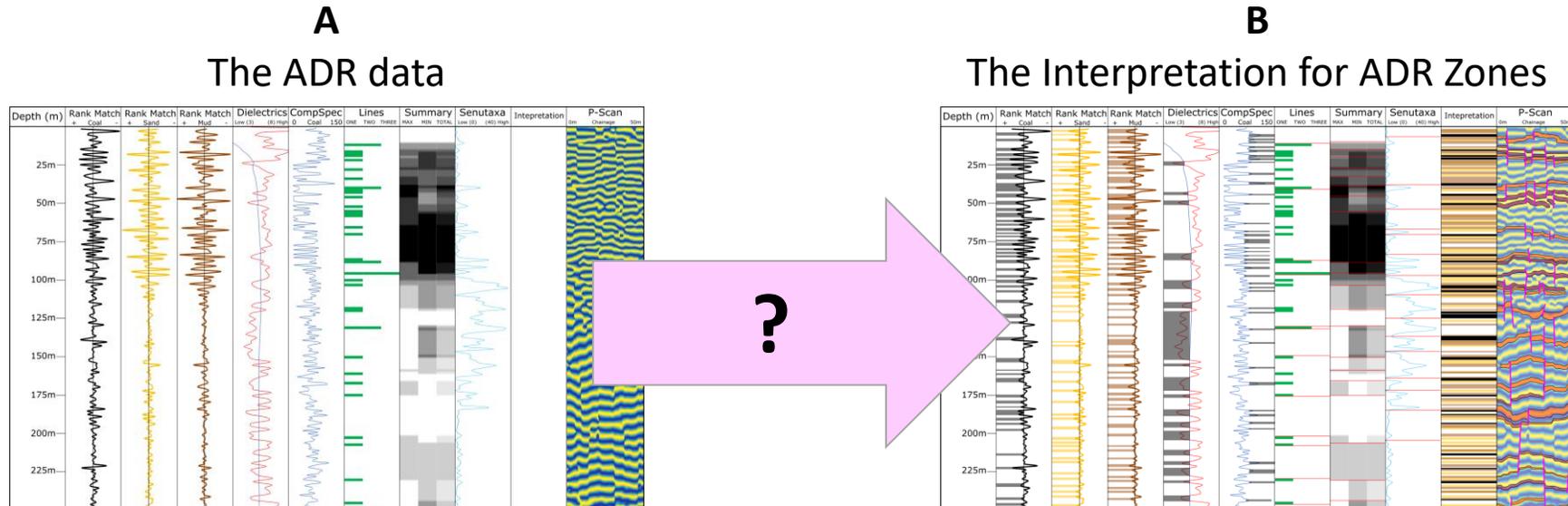
🌈 Each work package was processing by using the same tools and procedures within the workflows.

1.3 Data Analysis – Coal Seam Identification

- This method uses several sources of processed data to identify distinct lithological zones in the V-Bore.
- The following slides will display the results of the zonation for the stare data based on:

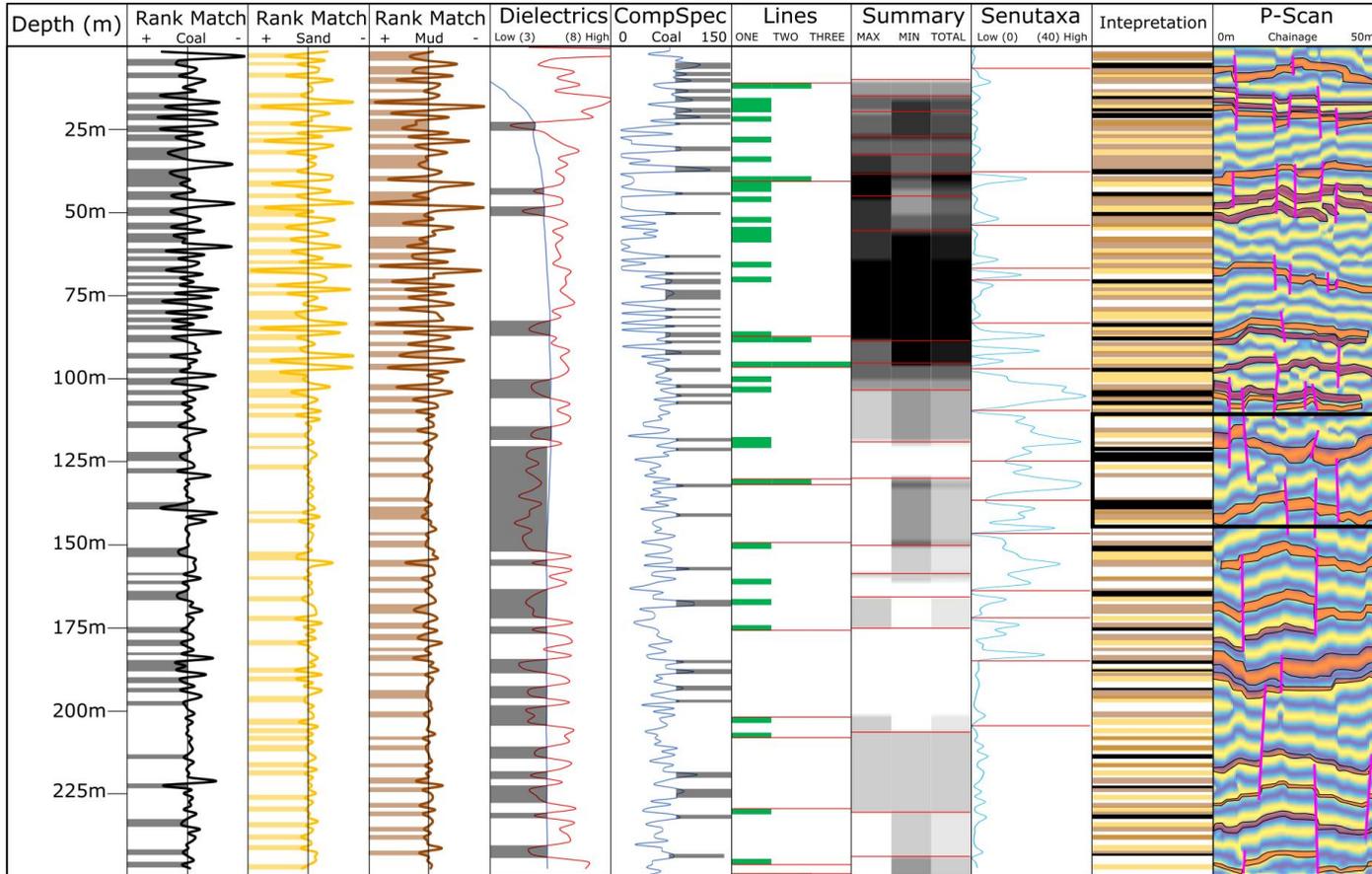


- The following slides will show the procedure step by step.

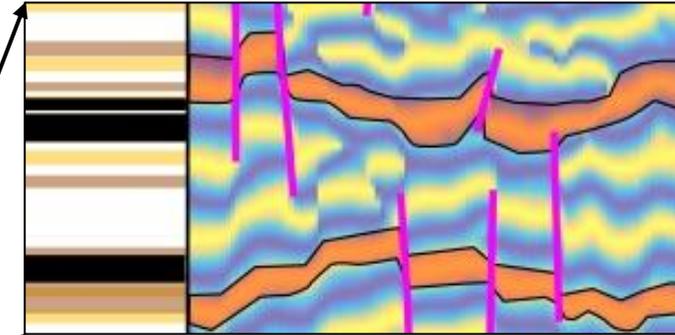


1.3 ADR Zones:

8) P-Scan Analysis



- Coal
- Sandstone
- Mudstone



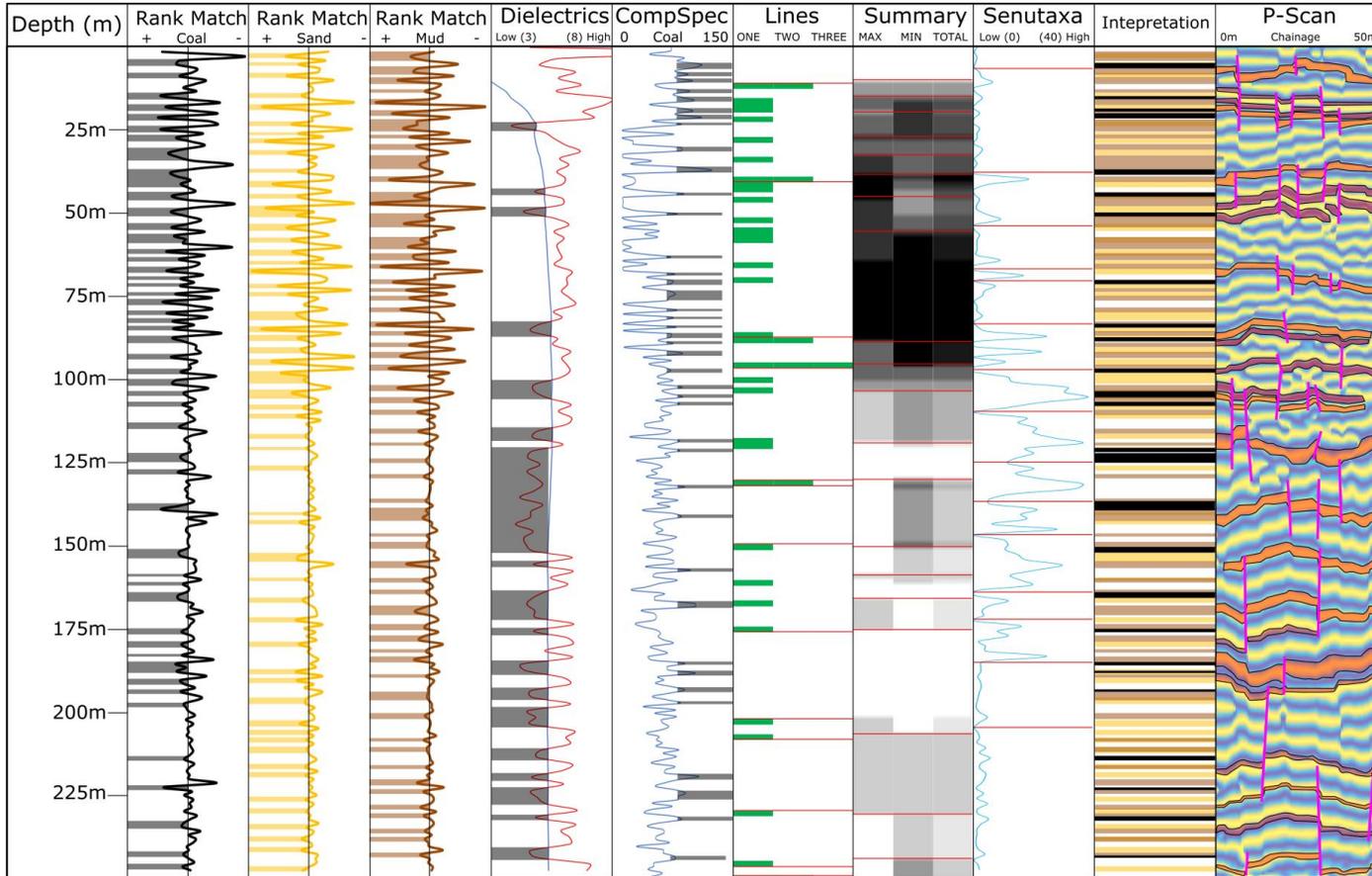
Potential faults and fractures are marked with a bright pink.

The P-Scan is interpreted by following the reflectors that correspond to the coal seams interpreted, those reflectors are marked with red and outlined.

Data Analysis

1.3 ADR Zones:

9) End Result



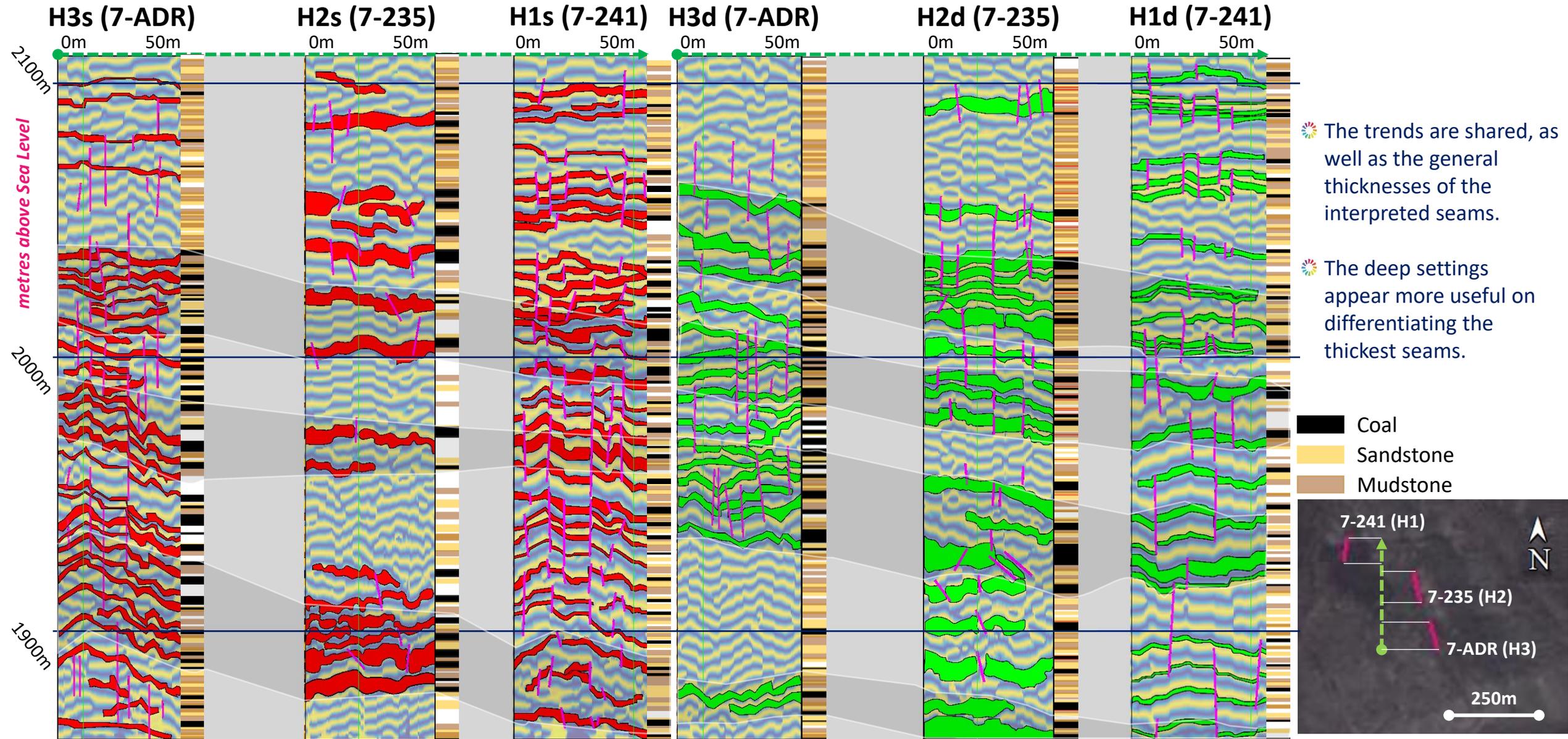
Coal
 Sandstone
 Mudstone

To complete the process, the ADR Zones are coloured based on equivalent Training Data. In this case, using the petrophysical interpretation of the downhole logs.

- The next slide shows a very detailed breakdown of the behaviour of each of the 5 parameters within each of the 15 detected ADR Zones.
- For the blind holes, the relationships between the ADR Zones and the petrophysical established in this training zones will be used to define the lithology of the ADR Zones.

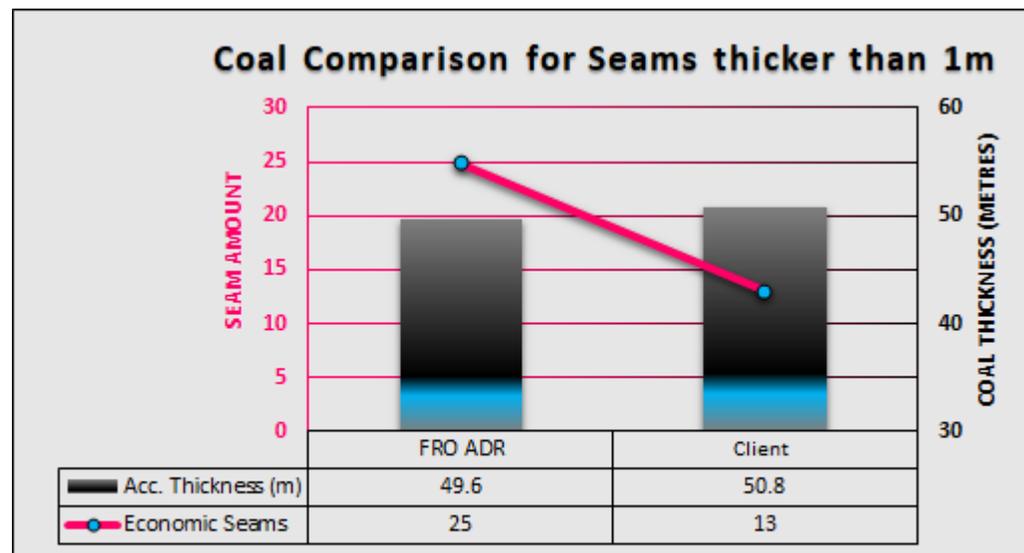
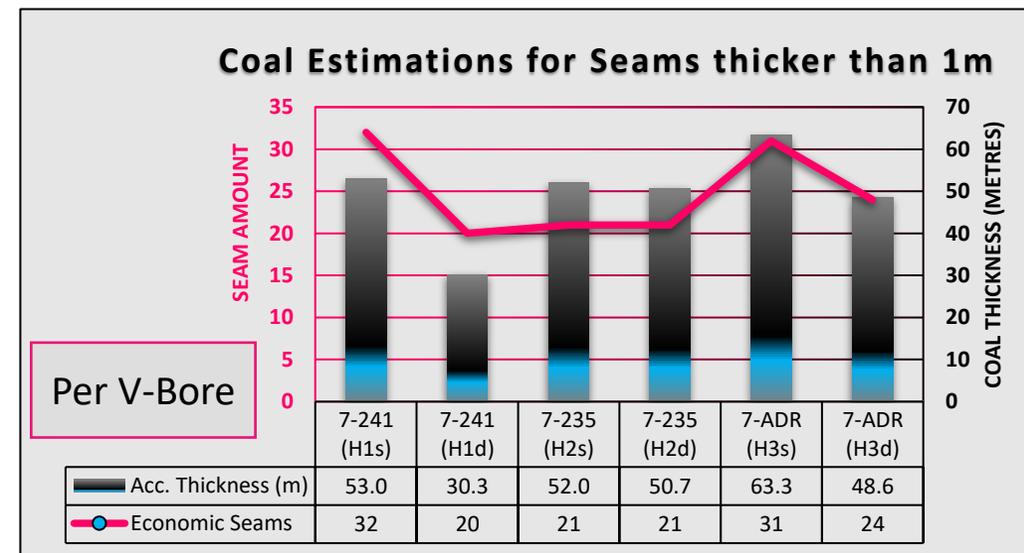
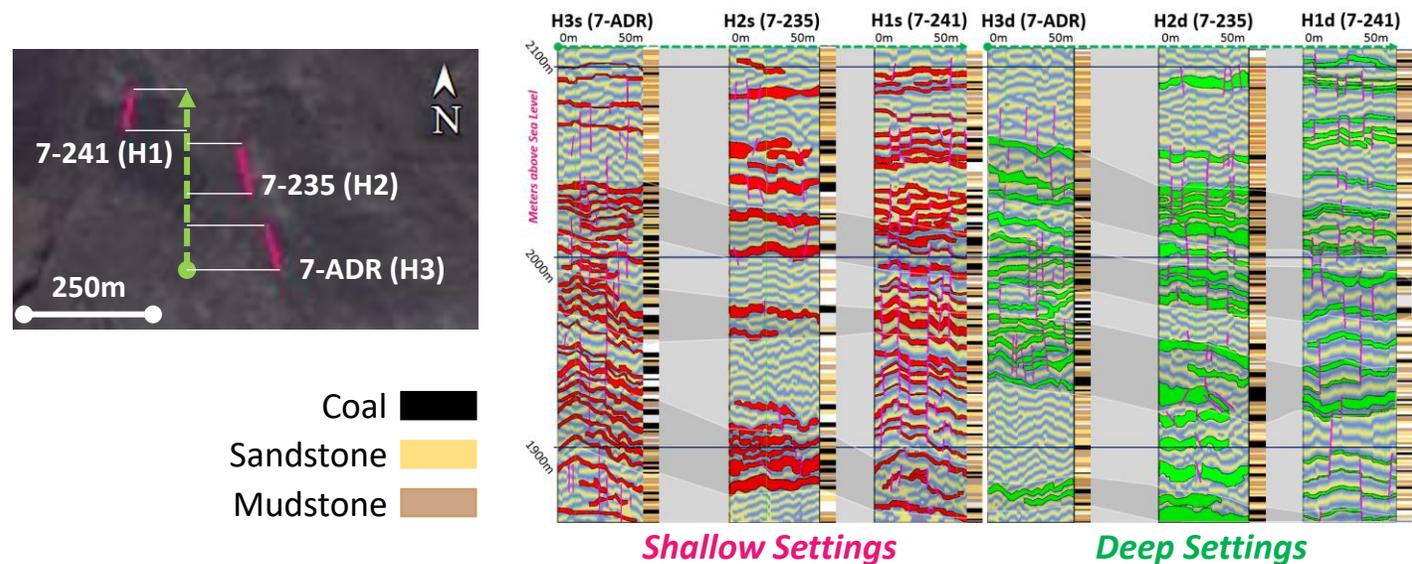
Data
Analysis
Result

2.2 Deep and Shallow P-Scans: Site A



3. Conclusions: Site A

1. Adrok has identified the thickness and amount of coal seams at the Site A survey for the 3 V-Bores investigated. This analysis was carried out using both Shallow Settings (10mV gain) and Deep Settings (2mV gain).
2. The cumulative coal thickness is estimated at an average of 49.6m, only 1.2m below the measured coal thickness provided by the Client in NI 43-011 Technical report.
3. The shallow settings Stare scan works best to identify the cumulative coal thickness, while the deep settings Stare scans are more accurate when determining the amount of coal seams.
4. The structure mapped by Adrok shows common subvertical faulting along with a slight dip northwards. Both shallow and deep P-Scans point towards this assessment.
5. The deep settings Profile scan works best to identify and trace areas in the geological section that bear more coal seams.



*FRO is Final Review Operation