

Data Explanation

Outcrop

1. Sample ID — name or number of samples, these are recorded exactly as they appear in the original document
2. Latitude and longitude — location of samples, they are recorded as they appear in the original reference
3. Location — geographical location of samples as reported in the original reference
4. Year — the year in which sample analyses were performed
5. Subbasin area — the subbasin where the samples were collected
6. Research Co — the name of person/company who conducted the research/study
7. Analysing Co — the name of person/company who performed the sample analyses
8. Group & Formation — age and stratigraphic information, all from original reference
9. Porosity — reported porosity value of samples
10. Horiz Perm — reported permeability value of samples which was measured as horizontal permeability to air
11. Lithology — rock type as reported by reference
12. Data Source — where the sample was reported

Wells

1. Well ID—number and/or identification of drillhole sampled
2. Well Name — name of drillholes
3. Sample ID — name or number of samples, they are recorded exactly as they appear in the original document
4. Company— the name of company who performed the sample analyses
5. Year — The year in which sample analyses were performed
6. Group & Formation— age and stratigraphic information, all from original reference
7. Depth top (m) — downhole depth in metres for drillhole samples
8. Porosity— reported porosity value of samples
9. Permeability— reported permeability value of samples
10. K(max)— reported maximum permeability value of samples
11. K(90) — reported permeability value which above 90% of observed samples exceed
13. K(vertical)— reported permeability value of samples which was measured as vertical permeability to air
12. Lithology— rock type as reported by reference
13. Comments— any relevant observation or clarifications
14. Data Source 1 and Data Source 2— where the sample was reported