

MANZALAI-2

Classification: Ipsem_ZONATION	Gamma Ray_SP	Volume Of Shale	Resistivities	Neutron Density	Saturation of Water	Porosities	Immoveable/ Moveable HC	Log Permeabili	Volumes	Hetrogeneity Cumalaitve	Core_Cutting Facies	Core_Cutting Facies	Core_Cutting Codes	HRA Cluster Facies	HRA Cluster Facies	HRA Cluster Facies Codes	EF-Tops
	GR/Baseline SP mV Gamma Ray GR gAPI	Volume (VSH GR) Shale Volume VSH GR v/v	Deep Res OHMM Shallow Res OHMM Medium Res OHMM 0.2 2000	HDRA/Baseline Sand - Stone (ND) Compressional Slowness DTC US/F DN Cor G/C3 Bulk Density RHOS G/C3 Photoelectric Factor PEFB B/E Neutron Porosity HNPO v/v 0.45 2000	SWE_INDO Effective Water Saturation SWE_INDO v/v 0 1	Porosity PHIT ND v/v 0.5 0 Effective Parosity PHIE ND_1 v/v 0 0.3	Immoveable/ Moveable HC PHE PHE_ND_1 Effective Bulk Fluid Volume BVWE_INDO v/v 0 0.3 Effective Parosity PHIE ND_1 v/v 0 0.3	PERM COAT 0 0.01 mD 10000	PHE_ND_1 VSH GR BVWE_INDO v/v 1 0 Effective Parosity PHIE ND_1 v/v 1 0	TEST DATA HRA CLUSTERING 7.00 HRA Probabilities 4.99041e-32 1 7	TEST DATA HRA CLUSTERING 0 0 Core Cutting Flag Final unitless	TEST DATA HRA CLUSTERING 0 0 Core Cutting Flag Final unitless	Core_Cutting Flag Final_ZONATION 5 3 5 4 5 4 3 5 3 5 2 1 3 5 2 4 6 5 4 4 5 2 2 4 5 5 4 5 3	TEST DATA HRA CLUSTERING 0 0 Core Cutting Flag Final unitless	TEST DATA HRA CLUSTERING 0 0 Core Cutting Flag Final unitless	HRA Tagged 5 3 5 4 5 4 3 5 3 5 2 1 3 5 2 4 6 5 4 4 5 2 2 4 5 5 4 5 3	
	MD (M)																

1190																
4135																
4140																
4145																
4150																
4155																
4160																
4165																
4170																
4175																
4180																
4185																
4190																

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4	5	2	2	4	5	5	4	5	3
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5	3	5	4	5	4	3	5	3	5	2	1	3	5	2	4	6	5	4	4
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---