

## Well GPK1

Measured depth : 3590 m, casing shoe : 2850 m

Open-hole  $\approx$  740 m (6"1/4)

Retrievable casing : 7"

Temperature @ bottom  $\approx$  160°C

Top granite : 1377 m

Comment : The well GPK1 is a geothermal borehole that is used for reinjecting the cooled geothermal brine into the reservoir. Thus the availability of this well depends on the operational scheme of the project. In any case, the well is not killed and it is not planned to kill it. Thus a riser may have to be set up on the wellhead to perform the test.

Inclination vs. Depth (*In red, inclination  $\geq 2^\circ$* ):

Depth (m)	Inc. (°)	Depth (m)	Inc. (°)	Depth (m)	Inc. (°)
0.00	0.00	1230.00	4.04	2430.00	5.02
30.00	0.17	1260.00	3.76	2460.10	5.57
59.90	0.27	1290.10	3.50	2490.00	6.16
89.90	0.42	1320.00	2.87	2520.00	6.14
120.00	0.59	1349.90	0.52	2549.90	6.58
150.00	0.34	1379.80	0.43	2579.80	6.23
180.00	0.57	1410.00	0.54	2609.90	6.72
210.00	0.61	1440.00	0.37	2640.00	7.41
240.00	0.28	1469.90	0.39	2669.90	6.38
270.00	0.40	1500.00	1.15	2699.90	7.20
300.00	0.37	1529.90	1.59	2729.90	6.80
330.00	0.64	1560.00	1.55	2760.00	6.34
389.90	0.35	1590.00	1.71	2790.00	6.25
419.80	0.34	1619.90	0.89	2820.00	6.30
449.80	0.20	1649.90	0.85	2850.00	5.35
479.80	0.45	1680.00	0.56	2880.00	4.89
509.90	0.37	1709.90	0.99	2910.00	4.70
539.90	0.34	1740.00	0.98	2940.00	4.25
569.90	0.25	1770.00	2.33	2969.90	3.98
599.80	0.18	1800.00	3.39	2999.90	3.67
659.90	0.24	1830.00	2.86	3029.90	3.69
689.90	0.34	1860.00	3.40	3059.90	3.74
718.90	0.34	1889.90	4.17	3089.90	3.95
721.90	0.38	1919.90	4.72	3119.90	3.81
749.90	0.31	1949.90	5.21	3149.90	3.70
780.00	0.30	1979.90	4.68	3180.00	3.89
810.00	1.00	2009.90	4.53	3210.00	4.23
840.00	1.76	2040.00	4.46	3240.00	3.99
870.00	2.30	2070.00	4.53	3270.00	3.41
900.00	2.88	2100.00	4.01	3300.00	3.36
930.10	2.38	2130.00	4.34	3330.00	3.73
960.00	1.93	2160.00	3.59	3360.00	3.40
990.10	1.97	2189.90	3.56	3390.00	3.34
1020.10	2.49	2220.00	4.02	3420.00	2.70
1050.00	3.07	2250.00	3.68	3450.10	1.66
1080.10	3.53	2279.90	3.61	3480.10	1.42
1110.00	3.91	2309.90	4.21	3510.10	1.23
1139.90	3.91	2340.00	3.94	3540.10	1.58
1170.00	3.97	2370.00	4.30	3570.10	1.93
1200.00	3.83	2400.00	4.29	3580.10	1.75

Schematic cross-section :

