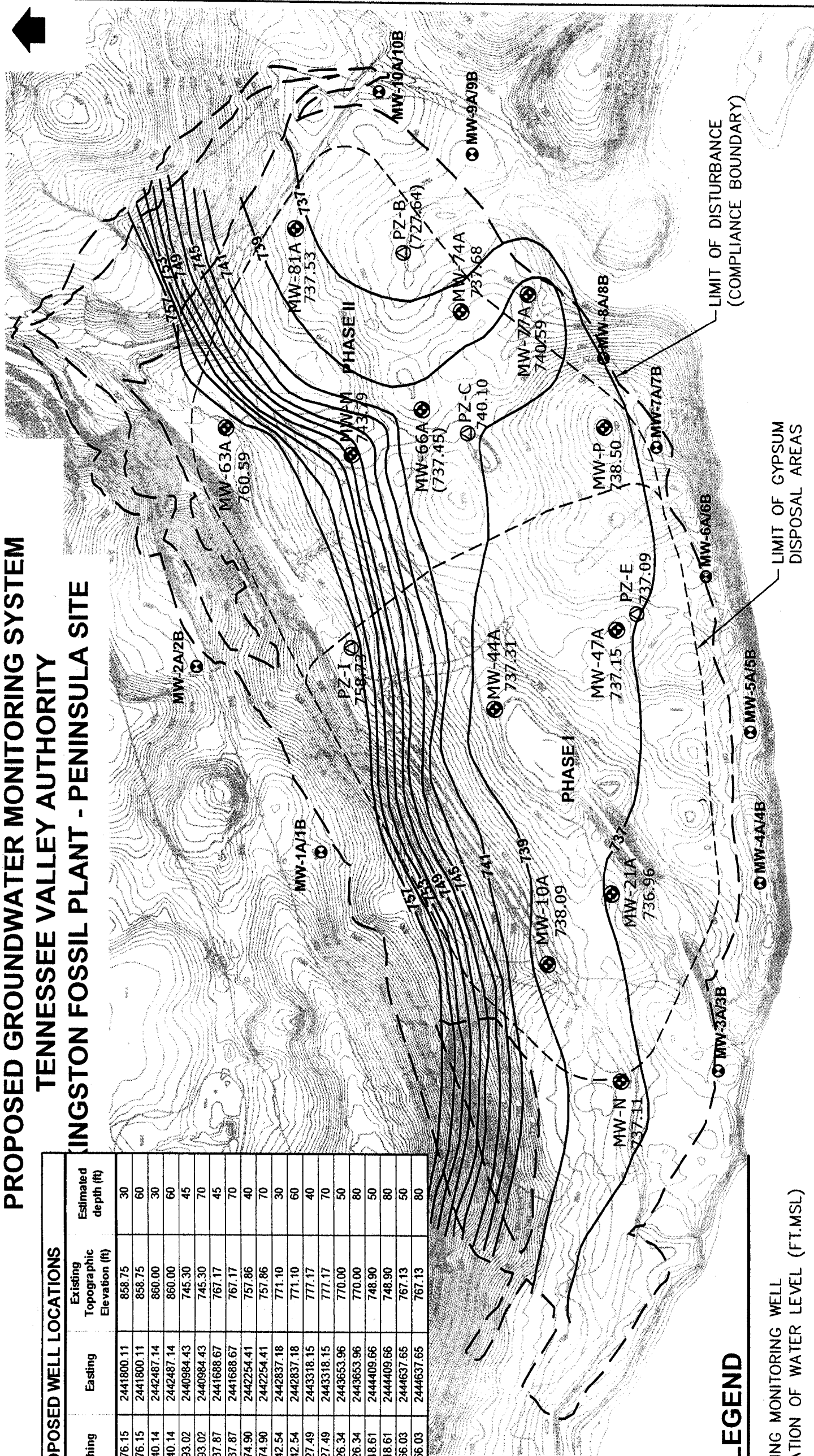


PROPOSED GROUNDWATER MONITORING SYSTEM TENNESSEE VALLEY AUTHORITY KINGSTON FOSSIL PLANT - PENINSULA SITE

PROPOSED WELL LOCATIONS			
Well ID	Northing	Eastng	Estimated depth (ft)
MW-1A	550876.15	2441800.11	30
MW-1B	550876.15	2441800.11	60
MW-2A	551340.14	2442487.14	30
MW-2B	551340.14	2442487.14	60
MW-3A	549393.02	2440984.43	45
MW-3B	549393.02	2440984.43	70
MW-4A	549237.87	2441688.67	45
MW-4B	549237.87	2441688.67	70
MW-5A	549274.90	2442254.41	40
MW-5B	549274.90	2442254.41	70
MW-6A	549442.54	2442837.18	30
MW-6B	549442.54	2442837.18	60
MW-7A	549627.49	2443318.15	40
MW-7B	549627.49	2443318.15	70
MW-8A	549826.34	2443653.96	50
MW-8B	549826.34	2443653.96	80
MW-9A	550318.61	2444409.66	50
MW-9B	550318.61	2444409.66	80
MW-10A	550666.03	2444637.65	50
MW-10B	550666.03	2444637.65	80



LEGEND

- MW-N
EXISTING MONITORING WELL
ELEVATION OF WATER LEVEL (FT.MSL)
- MW-66A
(737.45)
WATER LEVEL NOT USED IN POTENTIOMETRIC MAP
- PZ-E
737.09
EXISTING PIEZOMETER
ELEVATION OF WATER LEVEL (FT.MSL)
- 737
RESIDUUM GROUNDWATER POTENTIOMETRIC CONTOUR
(ELEVATION OF WATER LEVEL (FT.MSL))(MARCH 2, 2006)
- MW-4A/4B
PROPOSED MONITORING WELL NEST
("A" WELL IN RESIDUUM, "B" WELL IN BEDROCK)

CLINCH RIVER - WATTS BAR
POOL ELEVATION - 736.31

0 400
SCALE IN FEET

LIMIT OF DISTURBANCE
(COMPLIANCE BOUNDARY)

LIMIT OF GYPSUM
DISPOSAL AREAS



GeoSyntec Consultants

KENNESAW, GA

PROJECT NO. GR3731-06 FIGURE NO. 1-1

DOCUMENT NO. FILE NO. 3731X04B