

**TABLE 5-12**  
**TIER 1 COMPARISON - RCRA METALS AND CYANIDE RESULTS FOR 3 TO 10 FT**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

CONSTITUENT	B-504	B-508	B-509	B-559	B-561	UTB-08B	UTB-08B	UTB-10	UTB-15
	B-504-7 7/13/2004 6'-7'	B-508-9 7/19/2004 8'-9'	B-509-8 7/21/2004 7'-8'	B-559-8 7/19/2004 7'-8'	B-561-10 7/15/2004 9'-10'	UTB-08B-01 11/28/1990 4'-9'	UTB-08B-02 11/28/1990 9'-13'	UTB-10-02 11/30/1990 9'-10'	UTB-15-S01 12/13/1991 9'-11'
Arsenic	<2.31	13	12.7	14.5	15.2	---	---	---	---
Barium	63.8	126	117	226	55.2	---	---	---	---
Cadmium	0.31	<0.19	0.1	0.54	0.45	---	---	---	---
Chromium	14.7	21.9	16.8	23.5	15.3	---	---	---	---
Cyanide	---	---	---	---	---	<0.25	<0.25	<0.25	0.35
Lead	16.4	17.9	13.8	18.7	14.1	---	---	---	---
Mercury	0.026	0.036	0.028	0.049	0.018	---	---	---	---
Selenium	<3.70	<3.85	<3.92	<4.00	<3.85	---	---	---	---
Silver	<0.93	<0.96	<0.98	<1.00	<0.96	---	---	---	---

Notes: ug/kg Micrograms per kilogram  
(1) Provisional remediation objective provided by IEPA  
---- No remediation objective has been established by the IEPA  
for this constituent for this exposure route  
<12 Not detected at the level identified  
Analytical result exceeds one or more Tier 1 RO

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CONSTITUENT	UTB-20	UTB-21	UTB-22	UTB-23	UTB-24	UTB-25	UTB-26	UTB-27
	UTB-20-S01 12/11/1991 7'-8'	UTB-21-S01 12/12/1991 3'-8'	UTB-22-S01 12/12/1991 6'-8'	UTB-23-S01 12/14/1991 6'-8'	UTB 24-S01 12/15/1991 6'-8'	UTB-25-S01 12/14/1991 9'-11'	UTB-26-S02 12/15/1991 6'-8'	UTB-27-S01 12/16/1991 6'-8'
Arsenic	---	---	---	---	---	---	---	---
Barium	---	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---	---
Chromium	---	---	---	---	---	---	---	---
Cyanide	2	5	<0.25	14	11	1	<0.25	5
Lead	---	---	---	---	---	---	---	---
Mercury	---	---	---	---	---	---	---	---
Selenium	---	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---	---

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