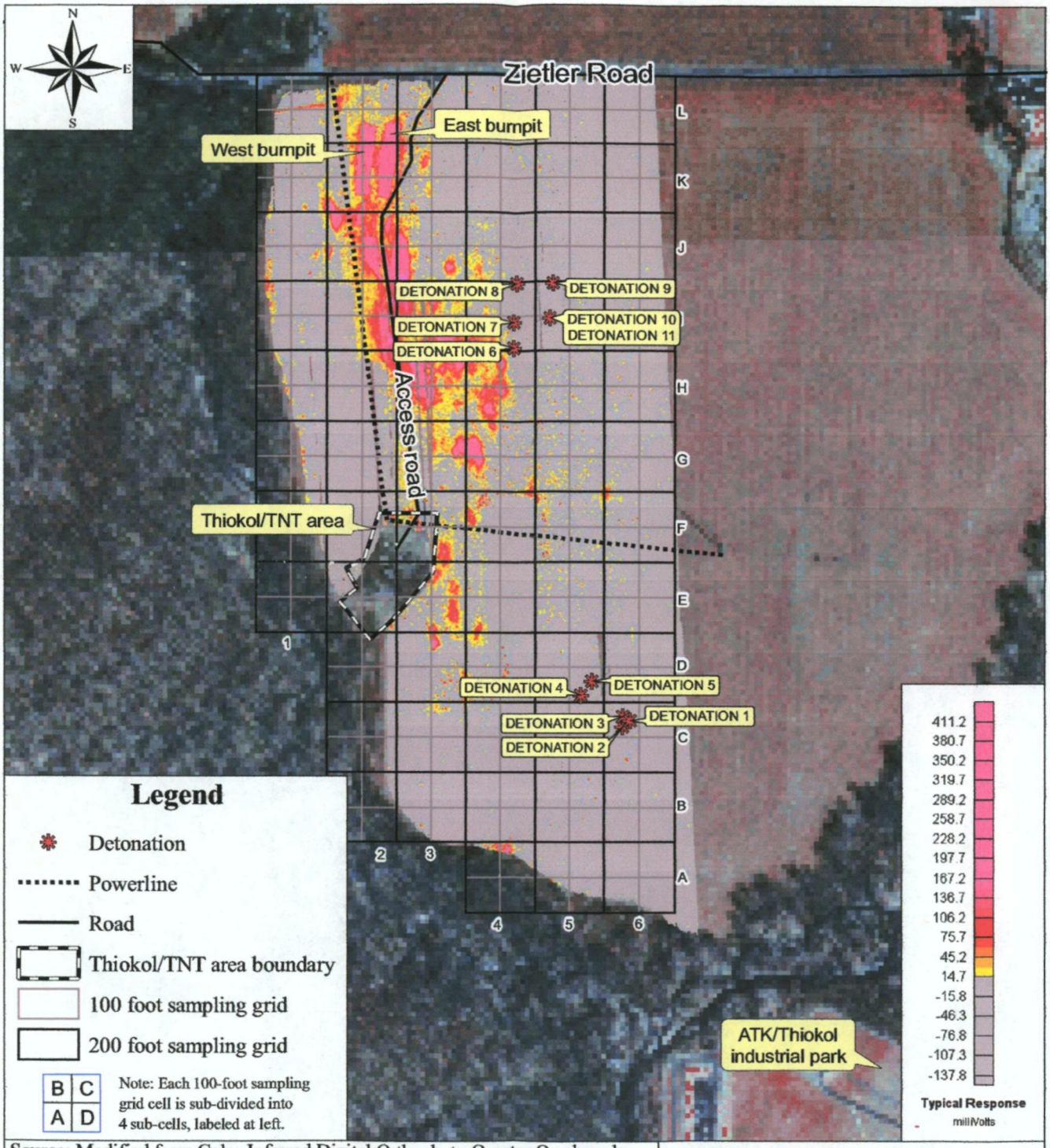
SDMS DocID 2212149

ORIGINAL



Source: Modified from Color Infrared Digital Orthophoto Quarter Quadrangles, Newark Southwest and Elkton Northwest, Maryland Quadrangles, Maryland Department of Natural Resources, 1988 - 1995

0 200 400 600 Feet

Quadrangle Location =

Elkton Farms Firehole Site
Elkton, Cecil County, Maryland

Detonation Location Map

TDD No. E13-008-06-07-003
EPA Contract No. EP-S3-05-02

Map created on August 15, 2006
by D. Call, Tetra Tech EMI

TETRA TECH EM INC.

Elkton Farms Firehole Site
Detonation Log

Detonation Identifier	Date	Associated Sample Identifier(s)	Latitude	Longitude	Location and Description	Detonation Charge Type
Detonation 1	2/23/2006	005-SS01-A01; 005-SS02-A01	39.62411289	-75.87014706	Location: Grid C6 Disposal: 81mm inert filled mortor shell. Detonation in Grid C6	19.5 Gram Jet Perforator, Detonation Cord
Detonation 2	3/23/2006	005-SS03-A01	39.62406682	-75.87022198	Location: Grid C6 Disposal: Incendiary bombs and Booster Pellets. Detonation in Grid C6	Orange Cap Boosters, Detonation Cord
Detonation 3	3/29/2006	005-SS04-A01; 005-SS05-A01	39.62414294	-75.87021489	Location: Grid D5d Disposal: 81mm inert filled mortor shell. Detonation in Grid D5d	19.5 Gram Jet Perforator
Detonation 4	3/30/2006	No Samples Collected	39.62431496	-75.87064308	Location: Grid D5d Disposal: Team 3 excavated a fuzed 81mm mortar in grid D5d. Intrusive activities were stopped. Demolition procedures performed to determine fill type. Mortar was sand filled. Intrusive activities	19.5 Gram Jet Perforator
Detonation 5	5/4/2006	No Samples Collected	39.62442238	-75.87052411	Location: Grid C6 Disposal: 4-each partial unfuzed 4lb incendiary bombs; 1-each 40mm unfuzed projectile with partial filler. Detonation in Grid C6	Orange Cap Boosters, Detonation Cord
Detonation 6	7/18/2006	No Samples Collected	39.62703781	-75.87129093	Location: Grid H4C Disposal: 20 mm/40 mm HE projectiles, incendary bomb parts and nose, igniter tubes, thermite pieces, rocket venturi, loose magnesium, booster pellets, detonating cord, shock tube	Penolite Boosters (6-14oz), Det Cord
Detonation 7	7/25/2006	No Samples Collected	39.62723545	-75.87128498	Location: Grid I4D Disposal: 20 mm/40 mm HE projectiles, thermite bomb parts, slap flare bases, burster tubes, pentolite boosters, detonating cord, shock tube lead in	(30) 14oz Orange Cap Boosters, 500' Shock Tube W/cap, 88' 50oz Det Cord
Detonation 8	8/9/2006	Pre-detonation: 005-SS06-A01 Post detonation: 005-SS07-A01	39.62754649	-75.87125114	Location: Grid I4C Disposal: (557) 6" Burster Tubes,	(30) 14oz Orange Cap Boosters, 500' Shock Tube W/cap, 88' 50oz Det Cord
Detonation 9	8/16/2006	No Samples Collected	39.62754150	-75.87087710	Location: Grid I4C Disposal: (850) 6" Burster Tubes	(30) 14oz Orange Cap Boosters, 500' Shock Tube W/cap, 52' Det Cord
Detonation 10	8/23/2006	No Samples Collected	39.62726320	-75.87091530	Location: Grid I4C Disposal: (79) ea 6" Burster Tubes, (645) ea HE Boosters	(30) 14oz Orange Cap Boosters, 500' Shock Tube W/cap, Det Cord
Detonation 11	8/31/2006	No Samples Collected	39.62726320	-75.87091530	Location: Grid I4C Disposal: (01) Unknown fuze; (01) 6 lb Incendiary Bomb Fuze; (01) 40mm BOFORS cartridge case primer; (01 Unknown primer; (08) pieces of 40mm Flare bases; (01) 40mm BOFORS cartridge case; (25) Unknown fuze pieces; (18) Magnesium firebomb pieces; (01) Unknown igniter tube; (09) Slap Flare components	(30) 14oz Orange Cap Boosters, 500' Shock Tube W/cap, Det Cord

Notes:
lb = pound
mm = millimeter
SS = surface soil