

**Annex C
Analysis of the Videotapes Compiled
From Video Recce Mission
5/6 November 2003**

Team Delta	Tape 1		
Tape Reference	MGRS/ Room Number	Object	Comment
01:39:19	MB 55551 74359	Rubbish dump, with discarded scientific equipment including Andersen samplers and 3-channel analyzer.	Exploit
08:42:16	MB 55512 74351	Collection of documents. Collected on 11 November 2003.	Exploit
09:34:01	MB55520 74367	Biological files and documents. Collected on 11 November 2003	Exploit
11:31:00	MB 55653 74336	Unconfirmed Russian smoke generators?	
14:55:00	MB 55545 74016	ISO container, fertilizer and laboratory equipment. Environmental cabinet by Horaius, imported by Kharl Khob.	
16:40:00	MB 55510 74181	Camera Tower	
17:57:00	MB 55457 74006	With exception of Fire Station at this location associated block at the end of the FS and some temporary buildings containing FS stores, all other buildings at complex of Building 151 have been destroyed and are clear. NFA no further action required.	NFA
19:10:07	MB 55371 73980	Ruined barrack buildings vicinity of 151, no equipment. Connect with steps, which lead to top of berm. AA positions.	
20:39:20	MB 55467 73920	Expended shell cases burned in a dump, adjacent water tank, and Fire station across road. Some other stores buildings at back of complex. Room containing files and neatly arranged records.	Should briefly look at these with a linguist
30:21:00	MB 55608 73719	Camera Tower	
31:08:15	MB 55460 73419	Camera Tower	
32:14:04	MB 55429 73420	Bomb crater, estimated 2,000 lbs Israeli.	
33:05:15	MB 55438 73358	Bomb crater	
33:45:00	MB 55395 73326	Remains of Building 140, no building remains.	Bldg 140 destroyed.
35:40:00	MB 55358 73208	Manhole and cable run, down about 6 feet.	

Nuclear

Team Delta	Tape 1 (continued)		
36:28:08	MB 55299 73129	Electricity pylon, surrounded by scrap metal and shelving adjacent to site of Building 140.	
37:26:00	MB 55247 73070	Metal and building rubble. Junk removed from Tuwaitha bombed building in 1991.	
38:10:00	MB 55010 73054	More piles of junk building rubble.	
39:04:28	MB 54760 73099	Bomb crater, another 2000, explosion caused pinnacle in the middle.	
39:38:03	MB 54728 73132	Camera Tower, identifies boxes in junk yard.	
40:35:00	MB 54865 73413	Number of ruined probable guard shacks.	
41:35:00	MB 54868 73453	Ruined guard shack. Barrack garden.	
42:40:00	MB 55155 73566	Full face respirator. Symbol bent minaret at Mosel indicating G Bin Hyer. Two or three symbol of local manufacture in Mosel.	
Team Delta	Tape 2		
Tape Reference	MGRS	Object	Comment
00:52:13	MB 54380 73136	Camera Tower	
02:27:29	MB 54272 73283	Possible Smoke Canisters	
03:09:27	MB 54163 73483	Camera Tower	
03:48:01	MB 53981 73832	Camera Tower	
05:02:06	MB 53949 73892	Unknown Structure	
06:44:00	MB 53801 74180	Camera Tower	
08:06:29	MB 53938 74363	Camera Tower	
08:50:00	MB 54233 74636	Camera Tower	
10:25:21	MB 54301 74931	Possible concrete tanks.	

Team Delta	Tape 2 (continued)		
11:39:24	MB 54476 74866	Camera Tower	
13:07:14	MB 54522 74793	Cluster of buildings in area of Building 115. Collected 11 November 2003.	Exploit
17:06:12	MB 54527 74770	Unused filter system and documents in cluster of buildings in area of Building 115. Collected 11 November 2003.	Exploit
17:17:58	MB 54503 7465?	Adjacent to health center (inside perimeter). Side road blocked with wrecked bus	
18:33:02	MB 54695 74838	First of a cluster of buildings at Building 90 complex.	
20:27:21	MB 54685 74889	Outbuildings at building 90 complex showing manhole cover and high-capacity rectifiers and document.	Exploit
22:00:22	MB 54679 74916	Part of substation complex, showing digging for looters to steal copper cables.	
23:04:07	MB 54692 74925	Substation control room, showing "vynconstruct" equipment. Shot of looters digging to steal cable and water system. Shot of room behind control room and more cable looting.	
28:52:09	MB 54720 74893	Large building at substation, small entrance and large swimming pool type tanks at each end (20 x 6 x 5 deep meters). Sill at Building 90 complex.	
32:28:15	MB 54732 74891	Entry to main building at Building 90 complex. Large hole going down. Evidence of laser, optical, and possible rail gun research. Some documents recovered for CMPC, some video-ed. Shot of jar containing Strontium compound.	Exploit. Nuclear and Chemical.
Team Delta			
Team Delta	Tape 3		
Tape Reference	MGRS	Object	Comment
	MB	Video of rooms in 90 complex main building. Photon optical bench Cambridge UK. Photos of laser impact on targets. Faraday cage (large).	
25:07:25	MB 54799 74841	Electrical control equipment presumed to have come from main building in 90 complex.	Optical spectrometer.
31:46:24		Another part of Alcatel equipment, presumed from main building in 90 complex and possibly linked with previous Alcatel device. Presumed important as the equipment was sandbagged for protection. Jobin Yvon equipment looks expensive. Expensive looking new Australian equipment in a wooden case, GBC Scientific Equipment, 12 Monterey Road, Dandenong, Victoria 3175 Australia. Passed QA, 29 Oct 2002. Serial Number E1183, passed by "Marg." GBC Integra, XL, shipped to Medical Scientific Corporation.	

Team Delta	Tape 4 (continued)		
33:10:06	MB 54823 74912	Entered building as continuing part of 90 complex with autoclave (large) and incubator/shaker with UNSCOM label B002236.	
43:15:15	MB54013 74969	Oil fired boiler used for steam generation to power autoclave.	
44:42:24	MB 54840 75003	Camera Tower	
46:14:06	MB 54820 75017	Small building at rear of 90 complex with equipment junk inside. Adjacent container with more junk and an object, which looked like part of HT equipment.	More detailed examination
51:35:17	MB 55150 74914	Camera Tower	
52:33:27	MB 55268 74721	New building not yet completed.	
	Not readable	New building not yet completed.	
56:24:19	MB 55293 74244	Wrecked buildings on top of berm.	
Team Delta	Tape 4		
Tape Reference	MGRS	Object	Comment
02:56:15	MB 55270 73636	View from berms over Tuwaitha complex.	
05:08:28	MB 54962 73609	View from berms over Tuwaitha complex.	
01:25:15	MB 54418 73191	View from berms over Tuwaitha complex.	
03:03:18	MB 54167 73724	View from berms over Tuwaitha complex.	
07:44:14	MB 55975 75412	Area H Trashed Workshop area.	
11:06:05	MB 55949 75488	Area H Trashed Workshop area.	
13:33:29	MB 56070 75324	Area H Trashed Workshop area.	

Team Alpha	Tape 5		
Tape Reference	MGRS/ Room Number	Object	Comment
00:33:19	MB 54832 74042	Building 189, underground bunker with surrounded by damage. Entrance located on top and descends into the bunker.	System empty NFA.
02:21:08	MB 54839 74060	Building 188, underground emplacement with entrance at the top. UGF completely empty.	NFA.
03:44:13	MB 54816 74043	Water Tower. (No particular building number)	NFA
04:09:08	Not provided	Evaporative Cooling Tower	NFA
04:45:29	MB 54789 74039	Underground structures 190 and 191. Steps going down, not explored.	Better look?(NFA)
05:42:15 08:37:13 09:50:00 15:45:00 17:40:40 21:20:00 26:36:00 29:30:00 39:30:00 42: 46:40:00 48:20:00 51:30 52:13 57:22	MB 54875 74024 1021 1023 1023, 1025 1030, 60, 1003 !, 4, 5, 2018 2006, 2002, 2005 1001, 3 rd LHS. Glove box 1007 Laser Laboratory	Building 12, large brick, two-story structure. Note windows on the bottom floor are barred. Extensive looting throughout with rooms randomly containing what remains of original equipment, chemical containers and chemical waste storage, evidence of film-processing operation, electrical power equipment and devices, work tables and work stations, laboratory glassware, some office furniture, notebooks, binders and files strewn about, and debris. At least, room was designated as a Spectroscopes Laboratory. The south end of Building 12 contained new areas under construction, which contained nothing. Section of Building 12 adjacent to new construction contained much of the same as primary building area. Southwest end of Building 12 contained vacant rooms with new construction, probably never occupied. 44:00:00 Hazard symbol on door. Grey building to south of Building 12. 49:00:00 remote manipulator and room with PVC.	Some exploitation required. Room 5, 2018 No exploit. 2001, 2002, 2004 1001, laser laboratory
Team Alpha	Tape 6		
Tape Reference	MGRS / Room Number	Object	Comment
00:00:13		Complex of buildings number 167	
00:25:11	55010 74429	Two-story brick structure, northernmost building	
01:15:00		Room 4	Exploit

Team Alpha	Tape 6 (continued)		
03:18:00		Room 3	Exploit
05:10:00		Room 11	Exploit
		Room 9	
07:10:00		Room 7 Upstairs binders	Exploit
07:14:00		Room 14 computer media	Exploit
08:00:00		Room 15 / 16 Design of Information systems	Exploit
09:25:00		Room 17	
10:00:00		Room 18 computer media	Exploit
		Room 19	
11:59:00		Room 20 Computer/Maths techniques	Exploit
13:06:00		Room Technical manuals IMB token ring map of Tuwaitha taken back.	Exploit
14:25:00		Eastern building of Complex	Exploit
15:00:00		Western Admin Block piled high with documents.	Exploit
17:35:00		Documents	Exploit
18:20:00		Rabbit warren of offices	Exploit
21:00:00		Agricultural program	
21:20:00		Blueprints.	
26:00:00		Papers and ledger	
26:15:00		Document storage area	Exploit
30:00:00		Last building of 167 Complex	
30:29:00		Pieces of paper on the floor, torn up.	Exploit
32:30:00		Organizational chart	
33:42:00		Ledgers on bookcase.	Exploit
35:35:00	54794 73862	Connex Container large, end of road in section E, underground storage/ Building 192 / 76	Exploit
36:50:01	54605 73502	Boiler House	NFA
38:38:19	54527 73391	Building 72 Transformer station. Electrolyte production of H ₂	NFA

Team Alpha	Tape 7		
Tape Reference	MGRS / Room Number	Object	Comment
00:10:00		Area 41? 1015, 1016 & 1017.	
01:21:115	54870 73969	Group of structures number 38.	Exploit
01:45:16	54942 73935		
02:14:00		Equipment outside.	
04:10:00	54951 73928		
04:45:00		Building 37 Storage Containers. Welded shut.	Exploit
05:05:00		Storage containers 9 feet long.	
06:00:00	54917 73896	Connex Container with soil blocking each end	Open/Exploit
	54930 73770	Building 40, 800 mRem/Hour. Do not enter radiation.	NFA
07:17:15		Correction to count rate. 800–1,000 cpm	
07:35:00	54999 73833	Underground facility Building 200. Radioactive source at far end. 800–1,000 cpm Gamma.	
08:53:00	55018 73846	Building 31 Water-cooling tower. Building destroyed.	NFA
09:30:00	55228 73797	196 underground facility personnel bunker.	NFA
10:16:10	55229 73780	Building 30, completely destroyed.	NFA
10:41	55229 73734	Building 19, completely destroyed.	NFA
11:00:00	55341 73770	Structure 170.	NFA
11:37:20	55099 73809	Building 32 storage buildings.	NFA
12:10:00	55239 74060	Building 168, small, with two rooms. Water filtration system, second room empty.	NFA
Team Beta	Tape 8		
Tape Reference	MGRS / Room Number	Object	Comment
00:00:00	54676 73819	Building 65 & 66 used to be one large building, behind is another building not on map, at end of 65.	NFA
01:11:25	54657 73866	Storage Tank writing on blackboard. Building 64	Linguist
01:35:17	54656 73867	Building 64 Storage Tank writing on blackboard.	Linguist

Team Beta	Tape 9		
Tape Reference	MGRS / Room Number	Object	Comment
00:05:00	54931 74297	Building 118 UGF	NFA
03:40:08	54750 74166	Building 187	NFA
06:35:23	54692 74122	Building 14	NFA
08:57:25	54692 74189	Building 186 UGF Entrance blocked	NFA
12:42:27	54661 74215	Bldg 184	NFA
15:31:28	54637 74283	Bldg not on map entrance. Above ground bunker 54639 74288, 54649 74286, 54638 74277, 54631 74286	NFA
18:00:00	54639 74289	Liquid Scintillation analyzer 1600CA Tri-Carb	
18:13:11	54638 74288	North East Corner	
18:34:28	54649 74286	Corner 2	
18:56:26	54638 74276	Corner 3	
19:40:00	54631 74287	Corner 4	
20:08:25	54795 74562	Bldg 194 is in fact not a UGF but is a huge water tank flowing approx 3 m deep.	NFA
22:21:19	54815 74498	Bldg 195 Cylindrical Tank.	NFA
24:02:21	54638 74488	Bldg 171, both entry doors were locked but opened	Exploit
30:19:08	54516 73642	Building 76	NFA
33:16:12	54530 73571	Building 71	NFA
36:11:01	54463 73590	Building 75	Exploit
37:00:00	75/1	Floppy disks some documents	Exploit
38:50:00	75/2	Floppy disks some documents	Exploit
39:50:00	75/3	Blueprint of building	Exploit
41:42:00	75/4	Lead bricks, protecting source? And Filters?	D & E
42:15:00	75/5	Empty room.	
45:41:06	75/9	Few documents.	Exploit
46:45:19	75/11	Few documents.	Exploit
47:41:28	75/12	Few documents.	
48:31:00	75/13		
48:54:00	75/14		
49:15:13	75/16	Upstairs, some documents, box of floppy disks.	Exploit

Team Beta	Tape 10		
Tape Reference	MGRS / Room Number	Object	Comment
00:04:06	55201 73986	UGF Building 197, radiation from wall crack.	Empty, NFA
02:04:14	55247 73892	Building 198, building empty.	Empty, NFA
03:25:26	55118 73792	Building 32 Second Part, 4 trailers side by side	Empty, NFA
Team Beta	Tape 11		
Tape Reference	MGRS / Room Number	Object	Comment
00:00:00	54810 74115	Building 13	
01:00:12	13/1	Some documents.	Exploit.
01:28:03		Device on desk ?	?
01:40:00		Some documents. SAER device.	Exploit.
02:29:12	13/4	Few papers.	Exploit.
03:16:07	13/5	Few papers. Personnel File, photo and disk.	Exploit.
04:20:00		Steam generator–hot air . Ets LEQUEUX sa	
04:45:04	13/6		
05:25:00	13/7		
05:54:00		Contamination Danger Notice. Drum of Ethanol. Lead bricks.	Visit.
06:40:00	13/8		
09:00:28	13/9		
09:56:00		Barrel of Acetone.	
10:46:00	13/10	Stairs down to basement of Building 13.	
12:40:00	13/11	Drawing Board.	
15:00:00		Heat Exchanger, Stainless Steel Tubing.	
16:00:00	13/13	Mono Chloro Di Floro Methane container (Freon).	
17:00:00	O/S 13	X-Ray Fluorescence Spectrometer. VF-320 Shimadzu	
18:05:00	13/14		
19:42:00	13/16		

Team Beta	Tape 11 (continued)		
20:30:00	13/17		
21:00:00	13/18		
21:33:00	13/19		
22:00:00	13/20	Oven/kiln, notebook.	
23:25:00	13/21		
24:47	Stairs	To roof of 13.	
26:00:00		Access to rest of building denied.	
30:06:00	Stairs	Pile of lead bricks.	
31:50	Room 7 & 8		
00:05:00	55118 73959	Building 24	
01:45:00	24/1 upstairs	Room piled full of equipment spares.	
03:55:00	24/2	Some ledgers and notebooks.	Exploit
04:47:00	24/3	Quantity of documents on bookshelf	Exploit
05:43:00		OSIRIS Certificate.	Exploit
06:00:00	24/4	Documents	Exploit
06:30:00	24/5	Documents	Exploit
07:08:00		Manufacturing Plant for X-ray Sonar High Speed Centrifuge	Exploit
07:23:00	24/6	Documents	Exploit
08:25:00	24/7	More documents and laboratory notebooks.	Exploit
09:19:00	24/8	Documents	Exploit
10:25:00	24/9	Documents	Exploit
11:07:00	24/10	Documents	Exploit
11:33:00	24/11	Documents	Exploit
12:25:0	24/12	Empty	
13:00:00	24/13		
13:44:17	24/14	Quantity of Documents on floor and book case.	Exploit
14:17:00	24/14	Closeup of bookcase and ledgers.	Exploit
15:18:00	24/15		
16:00:00	24/16		
16:39:00	24/17	No outside door to latter. Few documents	

Team Beta	Tape 11 (continued)		
17:31:00		High Voltage Trigger Type US-4	
17:50:00		Farnell Stabilized Power Supply	
17:59:00	24/18		
19:30:00		Exit building.	
Team Charlie			
Team Charlie	Tape 12		
Tape Reference	MGRS / Room Number	Object	Comment
00:00:00	55055 74134	Building 7	
00:34:00		SE entry, documents	Exploit
00:40:00	7/1	Documents	Exploit
00:45:00	7/2	Burned out	
00:50:00	7/3	Burned out	
00:58:00	7/4	Documents	Exploit
01:10:00	7/5	Documents and ledgers in bookshelf.	Exploit
01:23:00	7/6	Safe, some papers on the floor.	Exploit
01:25:00	7/7	Documents and ledgers in bookshelf, large quantity.	Exploit
01:50:00	7/8	Safes and documents on floor.	
02:14:00	7/9	Papers on the floor.	Exploit
02:18:00	7/10	Some papers on the floor, binders in bookshelf	Exploit
02:43:00	7/11	Papers on floor.	Exploit
02:46:00	7/12	No documents.	
	7/13	Bathroom.	
02:54:00	7/14	Some papers. En suite facility.	Exploit
03:28:18	7/15	Some papers.	Exploit
03:40:00	7/16		
03:48:00	7/17	Some papers.	Exploit
0404:07	7/18	Papers.	Exploit
04:13:00	7/19	Some ledgers under desk.	Exploit

Team Charlie	Tape 12 (continued)		
04:30:00	7/20	Papers on floor, ledgers in bookshelf.	Exploit
04:58:00	7/21	Ledgers and papers on floor.	Exploit
05:07:00	7/22	Documents on floor.	Exploit
05:15:08	7/23	Large bookshelf full of ledgers.	Exploit
05:28:00	7/24	Some ledgers behind desk.	Exploit
05:35:00	7/25	Papers on floor.	Exploit
05:48:00	7/26, 27, 28, 29, 30	Staircase, bathroom and burned offices, ash from papers.	Anything readable?
06:36:00	7/31	Some papers on floor.	Exploit
	7/32 & 33	Restrooms.	
06:50:00		View of burned corridor, facing West.	
07:00:00		One room upstairs, building services and views of roof.	
07:22:24	55096 74081	Building 8	
07:53:03	8/8	First room on the left, papers in entrance hall.	
08:23:11	8/6	Papers on floor.	Exploit
08:55:28	First room	On LHS following Security Barrier, papers.	Exploit
09:03:00	Second	Papers on floor.	
09:07:00	Third	Papers on floor, plus filing cabinet with documents.	Exploit
09:17:00	Fourth	Papers on floor.	Exploit
09:24:07	Fifth	Papers on floor	Exploit
09:36:00	Sixth	Papers on floor.	Exploit
09:44:00	Seventh	Papers on floor.	Exploit
09:50:00	Restrooms		
09:56:00		West end of security area.	
10:16:24		Papers on floor exploit.	Exploit
10:20:00		Last room on LHS, papers on floor, en suite facility. Storage nook full of ledgers.	Exploit
10:44:00		North side of hall way east end of Building 8.	Exploit
11:13:21		Some papers.	Exploit
11:20:03		Some papers on floor.	Exploit
11:28:11		Some papers on floor.	Exploit

Team Charlie	Tape 12 (continued)		
11:40:05		Large quantity of documents on floor.	Exploit
11:57:00	Next room	Quantity of documents on floor.	Exploit
12:06:02		Filing cabinet with ledgers and documents on floor.	Exploit
12:15:23		Wrecked copier, documents on floor.	Exploit
12:36:08	5	First left after security barrier. Few documents.	Exploit
12:43:04	4	Papers on floor.	Exploit
12:49:00	3	Junk no papers.	
12:58:28	2	Few papers.	Exploit
13:10:17	Next on LHS	Some papers.	Exploit
13:28:21	Last room	Documents.	Exploit
13:40:00	Stairs up to roof	Door to utility area housed in small room on roof.	
14:25:00	55024 74046	Building 181 Door on north side, all doors and windows were fitted with additional security bars.	
15:13:00	1 st on LHS	Papers on floor. Cubicles, papers in back room.	Exploit
16:05:00	2 nd	Papers on floor. Filing cabinet full of documents. Large quantity of documents in small room.	Exploit
17:00:00		Views of safes, broken open and empty.	
17:25:00		Building 11, exterior shot of building and associated shed and transmission tower.	NFA
17:40:00		Small building south of Bldg 11, no papers.	NFA
17:57:00	54887 74001	Building 11. Occupied by Security Guards.	NFA
18:41:25		Room off room , some documents, blocked in.	Exploit
18:50:00		Found AK47, called for advice.	
20:00:00	Office / Substation	Few documents	Exploit
20:35:26	Diagram	Substation switching system.	
21:00:00		North side of Building 11.	
21:10:00		Missing East end of Building 11.	
22:00:00	Stairs	Leading to small storage room, with racking, no documents.	
22:27:00		Exterior shots of Building 10.	
22:41:11	54918 74045	MGRS of Building 10 and entry wing. Some documents.	Exploit

Team Charlie	Tape 12 (continued)		
23:00:00		Cryogenic equipment.	
25:44:11		Shot of Unit 25, liquid N2 generator.	
26:10:00		Small office, some documents.	Exploit
26:25:00		Danger Toxic sign.	
27:05:00		Shot of some instructions relating to equipment.	
27:31:28		Restrooms and Room with storage of equipment.	
27:40:00		Liquid helium equipment.	
28:06:12		Shot of BOC TurBOCool helium Liquifier.	
28:29:22		Building 24 adjacent to OSIRAC bombed by Israeli's	
28:53:13	55115 73961	Building 24 MGRS, followed by shots of entrance and foyer.	
	24/1	Odd papers on floor	Exploit?
29:49:21		Management notice in Arabic.	Translate
		Few binders on desks and floor of rooms viewed.	Exploit
30:34:15	24/8	No documents.	
30:50:00	24/9	Few documents.	
31:22:00	1 st of east end.	Binders on floor.	Exploit
31:33:00	2nd	Some drawings.	Exploit
31:48:00		Drawing of Central Workshop by Bilcon Projects, Ltd., England 0226 71262.	
32:00:00		Drawings of administration building.	Exploit
32:25:00	24/25	No papers.	
33:00:00	Un-num rooms	Some binders, Arabic notes on drafting table.	Exploit
33:25:00		Restrooms, followed by stairs leading down.	
33:55:00		Archive of documents Vast quantity.	Exploit
34:15:11		Basement facing east. Numbered pumps, electrical services and HVAC system.	
35:41:00		Subbasement, 40 m long, flooded to 2 feet.	Further examination?
36:38:00		Blocked off end of building, bomb damage, not entered.	
37:20:00		Small building to east of 24, serious damage.	
37:31:12	55150 73916	MGRS of little building behind 24. Serious bomb damage.	NFA

Team Charlie	Tape 12 (continued)		
37:44:00		Elevator shaft into subbasement.	
38:14:09		Spiral staircase leading down.	
38:25:00		Shots of destroyed building.	
39:57:00		Buildings 22 and 23.	NFA
40:00:00	55123 73843	MGRS for small Building 23.	
40:35:00		Both parts of Building 22	
41:25:00		Shots of hot cells and remains of manipulators.	
		Shots of bombed out sections of Bldg 22.	
		Building dangerous, no further exploration.	
		Shot of access way between 22 and 23, is this remains of pneumatic rabbit system?	NFA
43:00:00	55231 73853	MGRS of between Buildings 22 and 23.	
44:30:00	55192 73874	Large underground basement. NW corner. Grids of all four corners.	
44:40:00	55221 73892	North East Corner.	NFA
44:56:04	55242 73854	South East Corner.	NFA
45:05:00	55214 73839	South West Corner	NFA
45:10:00	55242 73842	SW corner of building with substation station facility	NFA
45:24:00		Utility/power control or supply building.	
46:41:06		SE corner of building 34.	NFA
49:11:04	Various rooms.	East side of building, high indicated count rate, sacks of Portland cement.	
49:58:09		Bottle of Halon 1301	
50:07:0	55094 73719	Building 34, tin shed full of scrap metal, cable, etc.	

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Annex D Results of Mission Survey of Tuwaitha Nuclear Complex Over the Period 20-22 November

Results of mission survey of Tuwaitha Nuclear Complex over the period 20-22 November 2003.

BLD. NUMBER	GRID. REF.	DMS	ADDS	PERCEIVED FUNCTIONALITY	STATUS	TYPE
1						
2						
3						
4	0	unknown	unknown		Clear	unknown
5	574	31222.32N 0443107.7E	365 MB 551874350	Personnel control office	Clear	ERAVO
6	2	574 31222.32N 0443107.7E	365 MB 551874350	Restaurant	Clear	ERAVO
7	3	574 31225.25N 0443105.8E	365 MB 551077431	Administrative building	Clear	ERAVO
8	4	574 31225.25N 0443069.7E	365 MB 549487436	Biological/spiritual laboratories and headquarters	Clear	Triaged
9	5	574 31221.94N 0443100.4E	365 MB 549867424	Environmental research laboratory	Clear	DELTA
10	6	574 31226.88N 0443101.3E	365 MB 550037473	Personnel bunker	Questionable	UGF, 5m x 27m; either doesn't exist or can't find entrance, does contain pipes under manholes and cement slabs
11	7	574 31218.00N 0443102.6E	365 MB 550227417	Training office	Clear	Large Task, BRAVO
12	8	574 31218.00N 0443101.3E	365 MB 5504074073	External relations department	Clear	Large Task, CHARLIE
13	9	574 31217.64N 0443097.9E	365 MB 549074807	Chemical analyses and radiochemical laboratories	Hazard	
14	10	574 31218.76N 0443097.9E	365 MB 549307408	Chemical analyses laboratory	Clear	Small Task, DELTA
15	11	574 31218.00N 0443093.0E	365 MB 5493874040	Telephone communications and power supply	Clear	Small Task, DELTA
16	12	574 31218.48N 0443095.7E	365 MB 5494174007	Engineering workshop and induction generator	Clear	Large Task, Caution, DELTA
17	13	574 31217.28N 0443105.7E	365 MB 5497748096	Research reactor RT-5000	Clear	NJC Caution, BRAVO
18	14	574 31217.28N 0443069.3E	365 MB 5467774808	Electrical power sub-station	Clear	
19	15	574 31220.68N 0443095.0E	365 MB 5470574208	Isotope production laboratory	Clear	DTRFA
20	16	574 31223.08N 0443095.0E	365 MB 5462774273	Mechanical production workshop for IRT	Clear	
21	17	574 31222.32N 0443062.20E	365 MB 5473274252	Mechanical production workshop and water supply	Clear	ALPHA
22	18	574 31224.28N 0443095.7E	365 MB 5484674323	Agricultural and biological research laboratories	Clear	Triaged
23	19	573 31225.40N 0443111.2E	365 MB 5524473728	Open air pool (E-disposed basement)	Destroyed	
24	20	573 31226.88N 0443101.5E	365 MB 5526573773	Offices and stores	Destroyed	
25	21	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
26	22	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
27	23	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
28	24	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
29	25	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
30	26	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
31	27	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
32	28	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
33	29	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
34	30	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
35	31	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
36	32	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
37	33	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
38	34	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
39	35	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
40	36	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
41	37	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
42	38	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
43	39	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
44	40	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
45	41	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
46	42	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
47	43	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
48	44	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
49	45	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
50	46	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
51	47	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
52	48	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
53	49	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
54	50	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
55	51	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
56	52	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
57	53	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
58	54	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
59	55	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
60	56	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
61	57	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
62	58	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
63	59	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
64	60	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
65	61	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
66	62	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
67	63	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
68	64	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
69	65	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
70	66	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
71	67	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
72	68	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
73	69	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
74	70	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
75	71	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
76	72	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
77	73	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
78	74	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
79	75	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
80	76	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
81	77	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
82	78	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
83	79	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
84	80	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
85	81	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
86	82	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
87	83	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
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89	85	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
90	86	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
91	87	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
92	88	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
93	89	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
94	90	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
95	91	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
96	92	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
97	93	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
98	94	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
99	95	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
100	96	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
101	97	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
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103	99	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
104	100	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
105	101	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
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112	108	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
113	109	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
114	110	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
115	111	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
116	112	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
117	113	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
118	114	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
119	115	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
120	116	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
121	117	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
122	118	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
123	119	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
124	120	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
125	121	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
126	122	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
127	123	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
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131	127	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
132	128	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
133	129	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
134	130	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
135	131	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
136	132	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
137	133	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
138	134	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
139	135	573 31226.88N 0443101.5E	365 MB 5517373751	Offices and stores	Destroyed	
140	136	573 31226.88N 0443101.5E	365 MB 5517373751			

Results of mission survey of Tuwaiha Nuclear Complex over the period 20-22 November 2003. (continued)

BLD. NUMBER	GRID. REF.	DNMS	ADGPS	PERCEIVED FUNCTIONALITY	STATUS	TYPE
46	5474 311223 2N1 0443005.00E	365 MB 5462874462		Veter treatment	Clear	
47	5474 311227 00N 0443004.72E	365 MB 5461874298		Biological animal housing and agricultural laboratories	Pending	Triaged
48	5474 311227 22N 0443004.35E	365 MB 5461874418		Biological and agricultural laboratories	Destroyed	
49	5474 311227 38N 0443002.65E	365 MB 5478274407		Greenhouse and agricultural laboratories	Pending	Triaged
50	5474 311226 58N 0443000.41E	365 MB 54718674352		Laboratory for cereal and crop research, machine repair	Pending	Triaged
51	5474 311228 08N 0443004.30E	365 MB 5467874423		Soil workshops and stores	Clear	ERAVO
52	5474 311227 72N 0443004.60E	365 MB 5468074418		Agricultural and biological laboratories	Pending	Triaged
53	5474 311227 38N 0443007.88E	365 MB 5461744407		Chemical production facility	Clear	ALPHA
54	5474 311229 88N 0443007.18E	365 MB 5462374485		Lighting arrester, IUG storage, and AGRIBIOlab	Clear	Pending for Bio Team, CHARLIE Clear
55	5474 311220 24N 0443004.35E	365 MB 5457674498		Animal housing	Pending	Triaged, Cleared by MAU, Accord
56	5474 311229 52N 0443004.30E	365 MB 5458374471		Microbiological laboratories	Clear	CHARLIE
57	5474 311227 00N 0443004.00E	365 MB 5458874397		Environmental research department laboratory	Clear	Under construction
58	5474 311228 80N 0443004.94E	365 MB 5458744452		Laundry	Clear	
59	5474 311224 84N 0443004.78E	365 MB 5462274330		Health physics building	Clear	Triaged, ALPHA
60	5474 311221 68N 0443004.56E	365 MB 5422974332		Pharmaceutical, medical, and diagnostic production	Clear	Triaged, ERAVO
61	5474 311226 32N 0443003.60E	365 MB 5444574101		Incinerator	Clear	
62	5474 311228 32N 0443003.94E	365 MB 5444574087		Sewage station	Clear	
63	5474 311228 48N 0443003.25E	365 MB 5448746008		Cold material testing laboratories	Clear	DELTA
64	5473 311210 08N 0443004.25E	365 MB 5464873875		Radiological waste process building	Clear	Required Task, per Accord, no doot
65	5473 311207 52N 0443004.36E	365 MB 5463873788		Liquid chemical waste treatment	Destroyed	
66	5473 311208 28N 0443004.75E	365 MB 5462973820		Offices and training building	Destroyed	
67	5473 311205 40N 0443004.73E	365 MB 5458273731		Deionized water production units	Hazard	
68	5473 311193 52N 0443004.00E	365 MB 5458073583		Utilities and storage	Destroyed	Triaged
69	5473 311197 84N 0443004.18E	365 MB 5461873438		Oil storage	Destroyed	Triaged
70	5473 311197 48N 0443004.71E	365 MB 5458173487		Electrolysis production of hydrogen	Destroyed	Triaged
71	5473 311200 00N 0443004.55E	365 MB 5452573963		Transformer sub-station	Destroyed	
72	5473 311194 24N 0443004.20E	365 MB 5458573388		Transformer sub-station	Clear	
73	5473 311193 32N 0443004.17E	365 MB 5447873421		Workshop for fuel fabrication and material testing	Destroyed	
74	5473 311193 28N 0443003.60E	365 MB 5444373510		Electrolysis sub-station	Destroyed	
75	5473 311200 72N 0443004.30E	365 MB 5444173580		Building with multi-annual laboratory	Clear	CHARLIE
76	5473 311202 18N 0443004.84E	365 MB 5450773524		Canteen	Clear	
77	5473 311210 68N 0443003.38E	365 MB 5434073988		Utilities workshop	Clear	MAU, Accord, either fully booked or never finished
78	5473 311210 08N 0443003.27E	365 MB 5433273877		Utilities workshop	Clear	MAU, Accord, either fully booked or never finished
79	5473 311208 68N 0443003.04E	365 MB 5422873933		Physics laboratory	Clear	MAU, Accord, Docs not est
80	5473 311215 52N 0443003.04E	365 MB 5422973822		Nuclear physics laboratories	Destroyed	
81	5474 311216 48N 0443004.21E	365 MB 5428574043		Screen worm research and medical laboratory	Clear	Triaged, CHARLIE
82	5474 311220 18N 0443003.98E	365 MB 5420274188		Electronic design department	Clear	ERAVO
83	5474 311228 72N 0443003.88E	365 MB 5417174443		Utilities	Clear	
84	5374 311228 38N 0443003.75E	365 MB 5409574103		Chemistry and chemical engineering research	Destroyed	
85	5474 311218 44N 0443003.44E	365 MB 5400674188		Chemical research laboratories	Destroyed	
86	5474 311232 00N 0443003.60E	365 MB 5442774953		Engineering design and mapping center	Clear	ERAVO
87	5474 311232 40N 0443004.20E	365 MB 5403174563		Medical center	Clear	MAU, Accord
88	5474 311203 68N 0443004.17E	365 MB 54464674609		Recreation center and officers club	Clear	
89	5474 311236 00N 0443004.55E	365 MB 54452074671		Caravan	Destroyed	GOLF
90	5474 311233 58N 0443003.94E	365 MB 5474674906		Physics building and laser center	Clear	
91	5672 311110 68N 0443201.68E	365 MB 5654172126		Site C, B, and yellow lake storage area	Hazard	
92	5773 311118 68N 0443258.32E	365 MB 5802933383		Military facility	MA	
93	5772 311118 24N 0443225.08E	365 MB 5718722567		SA-2 Military facility	Clear	Griffin during recon
94	5372 311126 44N 0443019.80E	365 MB 5362725606		Military facility	MA	

Results of mission survey of Tuwaitha Nuclear Complex over the period 20-22 November 2003. (continued)

3	FILE NUMBER	GRID REF	DMS	ADGPS	PERCEIVED FUNCTIONALITY	STATUS	TYPE
98	301825	44N 044 3008.04E	385 MB 5367272505	Military facility	N/A		
99	5675	311318 44N 044 3214.26E	385 MB 5658575972	Ah-Shaybal military storage facility	N/A		
100	5675	311249 28N 044 2959.1E	385 MB 5288475092	Military facility	N/A		
101	5672	311134 44N 044 1944.04E	385 MB 5608872771	Military facility	Clear	GOLF	
102	5475	311301 28N 044 3005.88E	385 MB 5512751447	Military facility	Clear	GOLF	
103	5672	311118 08N 044 3005.12E	385 MB 5518972210	Military facility	Clear	GOLF	
104	5675	311253 64N 044 3278.41E	385 MB 5680775207	Military facility	Clear	GOLF	
105	5674	311227 00N 044 3142.94E	385 MB 5606774539	Military facility	Clear	GOLF	
106	5475	311251 64N 044 3040.68E	385 MB 5445871951	Military facility	Clear	GOLF	
107	5474	311223 48N 044 2995.08E	385 MB 5483874586	Underground water tank	Clear	(Pump out) via 103 and 104 CHARABLE	
108	5674	311223 78N 044 3205.28E	385 MB 5684474287	Power transformer station	Clear	GOLF	
109	5673	311278 44N 044 3138.37E	385 MB 5573740003	Power transformer station	Clear	GOLF	
110	5375	311253 64N 044 3018.44E	385 MB 5336975220	Water treatment and pumping facility	Clear	GOLF	
111	5373	311218 04N 044 3018.08E	385 MB 5366174002	ENBS burial site	Clear	GOLF	
112	5773	311235 44N 044 3225.16E	385 MB 5718474030	Air defense site	Clear	GOLF	
113	5774	311236 00N 044 3210.20E	385 MB 5765074669	Tuwaitha agricultural biological research center	Pending	GOLF	
114	5774	311248 84N 044 3229.49E	385 MB 5767375060	Bright SA-6 missile support facility	Clear	GOLF	
115	5675	311300 84N 044 3142.64E	385 MB 5658275432	Machining shop	Clear	GOLF	
116	5675	311310 84N 044 3138.37E	385 MB 5574775833	Khalid laboratory	Clear	GOLF	
117	5375	311246 44N 044 3010.44E	385 MB 5367575000	Al-Hamath bio-pesticides production facility	Clear	GOLF	
118	5474	311228 44N 044 3045.00E	385 MB 54565774441	Environmental workshop	Clear	GOLF	
119	5474	311223 24N 044 3044.27E	385 MB 54549174774	Guard facility	Clear	GOLF	
120	5474	311223 04N 044 3100.12E	385 MB 54589774273	Arms for culture of plants and plant tissue	Clear	GOLF	
121	5474	311223 04N 044 3067.24E	385 MB 5458374273	Economic entomology and applied microbiology laboratory	Clear	GOLF	
122	5474	311223 48N 044 3069.04E	385 MB 5453794295	Personnel bank	Clear	UGF 5m x 27m	
123	5474	311223 48N 044 3047.88E	385 MB 5454074289	Personnel bank	Clear	ALPHA	
124	5474	311223 48N 044 3030.28E	385 MB 5418974288	Animal pens and equipment storage	Clear		
125	5474	311224 12N 044 3034.22E	385 MB 5425774303	Equipment and mechanical storage	Clear		
126	5375	311243 32N 044 3007.16E	385 MB 535370069	Guesthouse	Clear	GOLF	
127	5475	311253 68N 044 3008.62E	385 MB 5441077516	Unknown possible guard facility	Clear	GOLF	
128	5675	311059 12N 044 3101.44E	385 MB 5574745699	Unknown	Clear	GOLF	
129	5775	311198 64N 044 3141.69E	385 MB 5504575765	Mixed	Clear	GOLF	
130	5774	311187 04N 044 3223.28E	385 MB 5718573855	Main gate and guard facility	Clear	GOLF	
131	5674	311227 38N 044 3150.52E	385 MB 56283774400	Unknown possible military facility	Clear	GOLF	
132	5674	311246 80N 044 3155.93E	385 MB 5545749598	Unknown possible electrical maintenance	Clear	GOLF	
133	5575	311300 84N 044 3123.9E	385 MB 5570875434	Transportation department	Clear	GOLF	
134	5675	311306 84N 044 3140.44E	385 MB 5500775621	Unknown	Clear	GOLF	
135	5675	311304 44N 044 3108.44E	385 MB 5526575547	Unknown	Clear	GOLF	
136	5475	311318 28N 044 3038.68E	385 MB 54454740069	Unknown	Clear	GOLF	
137	5673	311210 64N 044 3117.39E	385 MB 5540373983	Barracks north of Fire Station	Destroyed		
138	5374	311220 84N 044 3009.34E	385 MB 5384374190	Unknown	Clear	GOLF	
139	5374	311229 88N 044 2955.67E	385 MB 5329074491	Unknown	Clear	GOLF	
140	5474	311243 32N 044 3034.96E	385 MB 5423974913	Unknown	Clear	GOLF	
141	5373	311158 64N 044 3020.68E	385 MB 5333874557	Unknown	Clear	GOLF	
142	5473	311146 24N 044 3034.68E	385 MB 5421873102	Unknown	Clear	GOLF	
143	5772	311122 24N 044 3000.72E	385 MB 5248724140	Unknown possible warehouse	N/A		
144	5673	311192 48N 044 3122.08E	385 MB 5652274483	Unknown	Destroyed	GOLF; Pile of rubble	
145	5672	311120 44N 044 3216.44E	385 MB 5632572335	Unknown	Clear	GOLF	Griffin during recon
146	5772	311129 04N 044 3230.12E	385 MB 5729074588	Agricultural research area	Clear	GOLF	Griffin during recon

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Results of mission survey of Tuwaitha Nuclear Complex over the period 20-22 November 2003. (continued)

3	BLD_NUMBER	GRID_REF	DNMS	ADNRS	PERCEIVED_FUNCTIONALITY	STATUS	TYPE
142	5772	311123.0N10443230.0E	365 MB 5726072593	Agricultural research area	Clear	Griffin during recon	
143	5772	311124.20N10443253.41E	365 MB 5632072570	Housing area	Pending	GOLF, occupied by squatters	
144	5772	311123.65N10443238.24E	365 MB 5743972875	Unknown	N/A		
145	5873	311145.50N10443265.44E	365 MB 5796373118	Unknown	N/A		
146	5773	311147.70N10443222.52E	365 MB 5746833176	Unknown	N/A		
147	5772	311133.12N10443242.72E	365 MB 5763872503	Unknown	N/A		
148	5873	311204.32N10443206.38E	365 MB 5667073833	Unknown	Clear	GOLF	
149	5873	311155.60N10443304.81E	365 MB 5501572430	Unknown	Clear	GOLF	
154	5873	311157.80N10443344.88E	365 MB 5306873508	Unknown/possible housing	N/A		
150	5873	311218.15N10443319.20E	365 MB 5544073505	Fire station	Clear	GOLF	
152	5874	311222.00N10443321.72E	365 MB 5553874547	Possible fuel receiving bunker	Hazard	UGF, 22m x 40m x 3m hgt	
153	5874	311228.80N10443323.52E	365 MB 5595474447	Unknown/possible guard facility	Clear	GOLF	
154	5874	311235.20N10443318.58E	365 MB 5523746443	Unknown	Clear	GOLF	
155	5874	311235.20N10443318.64E	365 MB 5538746443	Unfinished building, possible water treatment	Clear	GOLF	
156	5875	311256.80N10443333.24E	365 MB 5569872639	Unknown/possible storage bunker	Clear	GOLF	
157	5876	311304.40N10443359.04E	365 MB 5543273541	Unknown	Clear	GOLF	
158	5876	311303.00N10443347.72E	365 MB 5552273501	Unknown/possible storage bunker	Clear	GOLF	
159	5876	311318.12N10443321.72E	365 MB 55552475387	Unknown/possible underground bunker	Clear	GOLF	
160	5875	311303.38N10443303.12E	365 MB 5403175513	Unknown/possible dump site	Clear	GOLF	
161	5476	311318.50N10443303.04E	365 MB 5434317816	Unknown	Clear	GOLF	
162	5475	311245.72N10443303.08E	365 MB 5413747375	Unknown	Clear	GOLF	
163	5473	311218.40N10443308.84E	365 MB 543873885	Comms container	Clear	Vest end of Bldg 31; ALPHA	
164	5874	311245.72N10443308.64E	365 MB 5542474365	Bi-ath party building	Clear	GOLF	
165	5373	311152.00N10443307.28E	365 MB 5384473325	Unknown	Clear	GOLF	
167	5874	311226.60N10443303.72E	365 MB 5595174383	Unknown/possible computer science center	Clear	ALPHA	
168	5874	311218.40N10443310.56E	365 MB 5522774050	Water purification and electrical sub-station	Clear	GOLF	
169	5473	311201.40N10443305.88E	365 MB 5482272608	Unknown/possible storage	Clear	GOLF	
170	5873	311206.00N10443311.52E	365 MB 5532673772	Storage and water purification	Clear	UGF, Bio Trans, CHARLE	
174	5474	311220.80N10443304.36E	365 MB 5468374538	Small underground storeroom, associated with bldg 54	Clear		
176	5474	311210.80N10443305.88E	365 MB 5506672895	Pracitor building	Destroyed		
177	5475	311144.80N10443309.48E	365 MB 5519472074	Fire station/burial site	Clear	GOLF	
178	5475	311250.00N10443303.24E	365 MB 5425075808	Burial site	Clear	GOLF	
179	5476	311256.88N10443305.48E	365 MB 5473873536	Burial site	Clear	GOLF	
180	5575	311300.48N10443318.24E	365 MB 5595175421	Shumokh stores	Clear	GOLF	
181	5373	311303.12N10443323.64E	365 MB 5572875633	Secondary gate guard facility	Clear	GOLF	
182	5373	311158.20N10443290.38E	365 MB 5317473516	Hot waste burial site	Clear	GOLF	
183	5874	311222.20N10443304.36E	365 MB 5565274243	Bi-ath party building	Clear	GOLF	
184	5875	311253.60N10443305.40E	365 MB 5520575201	Temporary fuel storage, questionable location	N/A	ALPHA, MAJ, Accaid	
185	5473	311213.60N10443304.08E	365 MB 5458574541	Utilities for Bldg 54 and storage	Clear		
186	5473	311210.40N10443302.56E	365 MB 5476739388	Large concrete container	Clear	GOLF, occupied by squatters	
187	5474	311240.32N10443304.20E	365 MB 5452274807	Unknown/burial site at 115	Clear	UGF, 27m x 5m	
188	5474	311212.12N10443304.84E	365 MB 5464074215	Above ground Earth mounded Personnel bunker	Clear	UGF, V-leaf/Fuel storage, 6.5m DIA, 3m hgt	
189	5474	311220.80N10443304.92E	365 MB 5467774897	Above ground Earth mounded bunker	Clear	UGF, V-leaf/Fuel storage, 6.5m DIA, 3m hgt	
190	5474	311218.00N10443305.04E	365 MB 5465674182	Above ground Earth mounded bunker	Clear	UGF, Storage, 3m x 27m	
191	5474	311218.72N10443305.20E	365 MB 5475274141	Above ground Earth mounded Personnel bunker	Clear	UGF, V-leaf/Fuel storage, 6m DIA, 3m hgt	
192	5474	311218.20N10443305.76E	365 MB 5484474063	Above ground Earth mounded bunker	Clear	UGF, V-leaf/Fuel storage, 6m DIA, 3m hgt	
193	5474	311218.50N10443305.08E	365 MB 5482674062	Above ground Earth mounded bunker	Clear	UGF, V-leaf/Fuel storage, 6m DIA, 3m hgt	
194	5474	311218.12N10443305.64E	365 MB 5478374030	Above ground Earth mounded bunker	Clear	UGF, V-leaf/Fuel storage, 6m DIA, 3m hgt	
195	5474	311218.70N10443305.08E	365 MB 5473874018	Above ground Earth mounded bunker	Clear	UGF, V-leaf/Fuel storage, 6m DIA, 3m hgt	

Results of mission survey of Tuwaitha Nuclear Complex over the period 20-22 November 2003. (continued)

NO.	REF.	DNMS	ADGPS	PERCEIVED FUNCTIONALITY	STATUS	TYPE
5474	311218.74N	8443024.04E	385 MB 5475874015	Above ground Earth mounded bunker	Clear	UGF, V,sterilFuel storage, 6mDIA, 3m hgt
5474	311203.60N	0443012.04E	385 MB 5450773676	Above ground Earth mounded Personnel bunker	Clear	UGF, Storage, 3m x 6m x 1m hgt
5378	311201.00N	8443014.78E	385 MB 5371073602	Above ground storage bunker	Clear	UGF, Storage, 22m x 20m, GOLF
5473	311209.72N	0443064.00E	385 MB 5475473682	Concrete container	Clear	Closest building is 192 and 76; Unlocated by AlccardB
5474	311229.52N	0443064.36E	385 MB 5480974473	Above ground Earth mounded bunker	Clear	UGF, Confirmed water storage, 13mDIA, 3m hgt
5573	311207.55N	0443119.20E	385 MB 5528737395	Above ground Earth mounded Personnel bunker or storage	Clear	UGF, V,sterilFuel storage, 6mDIA, 3m hgt
5573	311218.04N	8443109.48E	385 MB 5515873595	Above ground Earth mounded Personnel bunker or storage	Clear	UGF, V,sterilFuel storage, 6mDIA, 3m hgt
5573	311210.88N	8443116.4E	385 MB 5525473695	Above ground Earth mounded Personnel bunker or storage	Clear	UGF, V,sterilFuel storage, 6mDIA, 3m hgt
5573	311212.84N	8443108.04E	385 MB 5516373350	Underground facility	Clear	UGF, 50m x 45m
5473	311157.84N	8443046.78E	385 MB 5460573502	Boiler house	Clear	
5474	311218.38N	8443042.12E	385 MB 5443174101	Above ground Earth mounded bunker	Clear	UGF, Waste water, 5.5m DIA, 3m hgt
5474	311217.84N	8443023.52E	385 MB 5419474110	Possible above ground Earth mounded bunker	Clear	UGF, Identified by DTRA, as possible small geese stor bldg
5474	311229.52N	0443046.08E	385 MB 5450574474	Below ground concrete covered bunker between 55 and 54	Clear	UGF,
5573	311209.72N	0443119.20E	385 MB 552873661	Large below ground concrete covered bunker	Clear	UGF,
5573	311212.24N	8443106.36E	385 MB 5513373303	Underground facility under building 24	Clear	UGF,
5474	311212.04N	0443039.60E	385 MB 5442774553	Underground facility under building 86	Clear	UGF, under building, storage, BRAVO

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