

**PRELIMINARY
NOT FOR CONSTRUCTION**

- NOTES:**
- ALL COORDINATES ARE REFERENCED TO NAD 83 (CSRS), UTM ZONE 16N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - SURFICIAL DEBRIS SCATTERED ACROSS THIS AREA INCLUDES VARIOUS NON-HAZARDOUS WASTE AND STEEL DRUMS NEAR THE AIRPLANE WRECKAGE, BEACH DUMP (INCLUDING 2 VEHICLES, A CRANE AND DIESEL FUEL TANKS), BEACH AIRSTRIP PUMP, BEACH LANDFILL AREA AND BEACH DRUM CACHE AND MATERIAL WITH PCB AND LEAD AMENDED PAINT AND ASBESTOS CONTAINING MATERIALS (ACM) AT THE AIRPLANE WRECKAGE AREA.
 - ALL SURFACE DEBRIS IS TO BE REMOVED AND DISPOSED OF AS PER TENDER SPECIFICATIONS PRIOR TO SOIL EXCAVATION AND/OR FILL PLACEMENT.
 - NON-HAZARDOUS DEBRIS SHALL BE COLLECTED, SHREDDED AND COMPACTED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS.
 - STEEL DRUMS SHALL BE EMPTIED, CLEANED AND CRUSHED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS.
 - VEHICLES SHALL BE DISMANTLED, SHREDDED AND COMPACTED PRIOR TO DISPOSAL IN THE NHW LANDFILL AS PER TENDER SPECIFICATIONS.
 - ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE DOUBLE BAGGED PRIOR TO DISPOSAL IN THE NHW LANDFILL. ACMs TO BE REMOVED AND HANDLED AS PER TENDER SPECIFICATIONS.
 - LEAD AND PCB AMENDED PAINT SHALL BE ABATED ON-SITE. SEE HANDLING AND DISPOSAL REQUIREMENTS IN TENDER SPECIFICATIONS.
 - BDA8: DEBRIS AND SOIL TO BE EXCAVATED AND CHARACTERIZED. DEBRIS/SOIL DISPOSAL REQUIREMENTS SHALL BE BASED ON RESULTS OF TESTING.
 - BDA7: TO BE REGRADED WITH 0.75m OF TYPE 1 GRANULAR FILL FOLLOWING REMOVAL OF SURFICIAL DEBRIS. REGRADE SIDE SLOPES 6H:1V MAXIMUM UNLESS NOTED OTHERWISE.

- LEGEND:**
- PREVIOUS ACCESS ROUTE OR EXISTING ROAD
 - BOTTOM OF BANK
 - AIRSTRIP
 - 75.0 CONTOUR
 - IMPACTED SOIL TO BE EXCAVATED
 - BURIED DEBRIS AREA (BDA) TO BE EXCAVATED OR REGRADED
 - MARSH AREA/LOW LYING AREA
 - WATER BODY
 - L5412 SOIL SAMPLE LOCATION AND AREA IDENTIFIER
 - A2-SO-1 GENERAL AREA OF SPECIFIED WORK FEATURE

PROFESSIONAL SEAL



NOTE: THIS DRAWING ILLUSTRATES INFORMATION SPECIFIC TO A STANTEC PROJECT AND MUST NOT BE USED FOR OTHER PURPOSES.

B	ISSUED FOR TENDER	FEB. 27 /15
A	ISSUED FOR 90% REVIEW	OCT. 06/14
APP'D NO.	DETAILS	DATE
REVISIONS		
DWG. NO.	DESCRIPTION	DATE
REFERENCES		

PROJECT: CAM-E KEITH BAY REMEDIATION PROJECT
SITE ADDRESS: KEITH BAY NUNAVUT
CLIENT: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PWGSC JOB NO. R.064013	SCALE: 1:1500	DATE: JULY 30, 2014
DRAWN BY: P.J.SOO	DESIGNED BY: A. THOMPSON	APPROVED BY: D. MOREHOUSE

DRAWING TITLE: SITE PLAN SHOWING IMPACTED SOIL, BURIED DEBRIS AND HAZARDOUS AND NON-HAZARDOUS MATERIALS (AREA 2-BEACH)

IMPACTED SOIL SUMMARY AND BURIED DEBRIS REMEDIATION

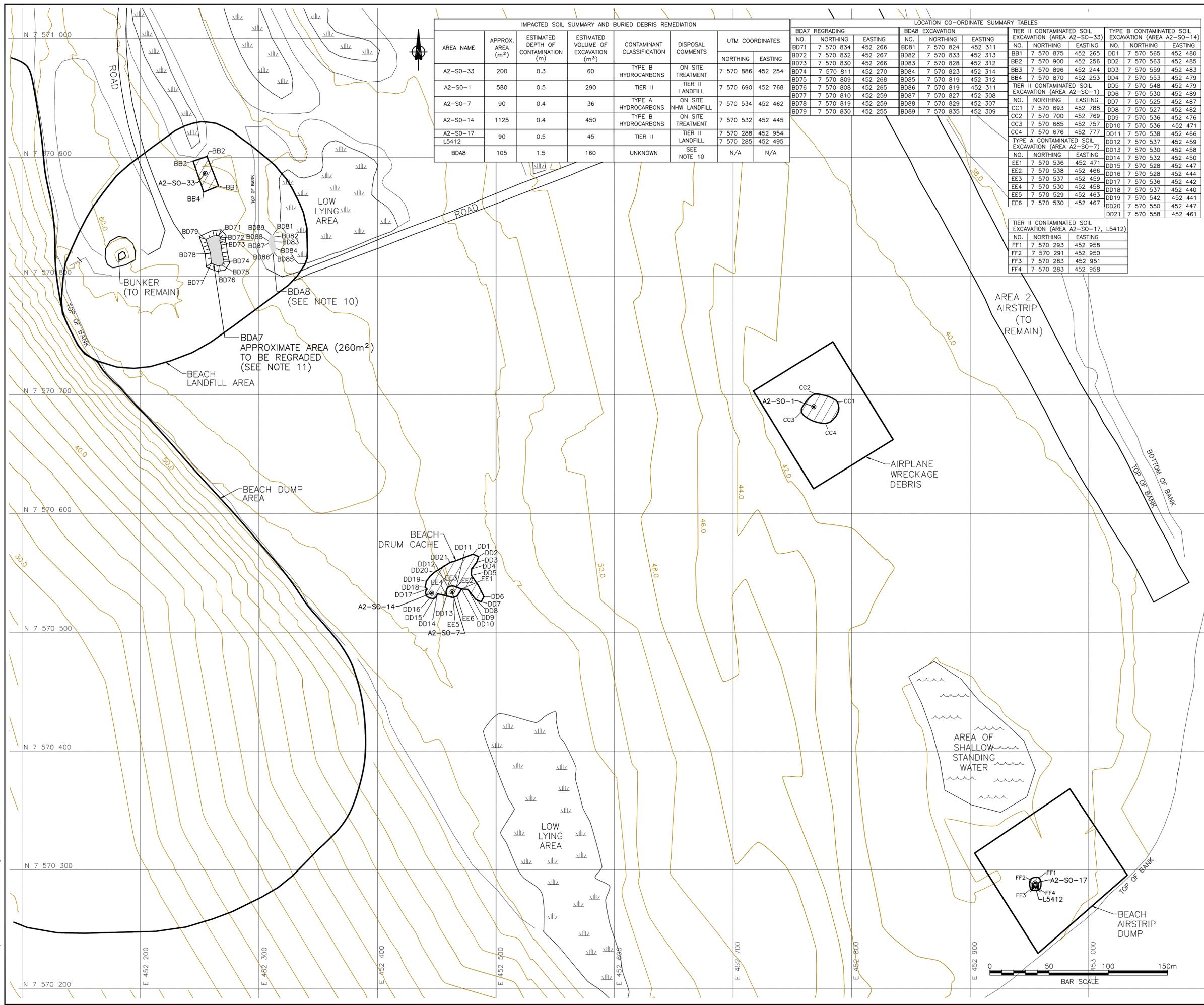
AREA NAME	APPROX. AREA (m ²)	ESTIMATED DEPTH OF CONTAMINATION (m)	ESTIMATED VOLUME OF EXCAVATION (m ³)	CONTAMINANT CLASSIFICATION	DISPOSAL COMMENTS	UTM COORDINATES	
						NORTHING	EASTING
A2-SO-33	200	0.3	60	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 570 886	452 254
A2-SO-1	580	0.5	290	TIER II	TIER II LANDFILL	7 570 690	452 768
A2-SO-7	90	0.4	36	TYPE A HYDROCARBONS	ON SITE NHW LANDFILL	7 570 534	452 462
A2-SO-14	1125	0.4	450	TYPE B HYDROCARBONS	ON SITE TREATMENT	7 570 532	452 445
A2-SO-17 L5412	90	0.5	45	TIER II	TIER II LANDFILL	7 570 285	452 495
BDA8	105	1.5	160	UNKNOWN	SEE NOTE 10	N/A	N/A

LOCATION CO-ORDINATE SUMMARY TABLES

BDA7 REGRADED			BDA8 EXCAVATION			TIER II CONTAMINATED SOIL EXCAVATION (AREA A2-SO-33)			TYPE B CONTAMINATED SOIL EXCAVATION (AREA A2-SO-14)		
NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING
BD71	7 570 834	452 266	BD81	7 570 824	452 311	BB1	7 570 875	452 265	DD1	7 570 565	452 480
BD72	7 570 832	452 267	BD82	7 570 828	452 313	BB2	7 570 900	452 256	DD2	7 570 563	452 485
BD73	7 570 830	452 266	BD83	7 570 823	452 312	BB3	7 570 896	452 244	DD3	7 570 559	452 483
BD74	7 570 811	452 270	BD84	7 570 823	452 314	BB4	7 570 870	452 253	DD4	7 570 553	452 479
BD75	7 570 809	452 268	BD85	7 570 819	452 312	CC1	7 570 693	452 788	DD5	7 570 548	452 479
BD76	7 570 808	452 265	BD86	7 570 819	452 311	CC2	7 570 700	452 769	DD6	7 570 530	452 489
BD77	7 570 810	452 259	BD87	7 570 827	452 308	CC3	7 570 685	452 757	DD7	7 570 525	452 487
BD78	7 570 819	452 259	BD88	7 570 829	452 307	CC4	7 570 676	452 777	DD8	7 570 527	452 482
BD79	7 570 830	452 255	BD89	7 570 835	452 309	EE1	7 570 536	452 471	DD9	7 570 536	452 476
						EE2	7 570 538	452 466	DD10	7 570 536	452 471
						EE3	7 570 537	452 459	DD11	7 570 538	452 466
						EE4	7 570 530	452 458	DD12	7 570 537	452 459
						EE5	7 570 529	452 463	DD13	7 570 530	452 458
						EE6	7 570 530	452 467	DD14	7 570 532	452 450
									DD15	7 570 528	452 447
									DD16	7 570 528	452 444
									DD17	7 570 536	452 442
									DD18	7 570 537	452 440
									DD19	7 570 542	452 441
									DD20	7 570 550	452 447
									DD21	7 570 558	452 461

TIER II CONTAMINATED SOIL EXCAVATION (AREA A2-SO-7)

NO.	NORTHING	EASTING
FF1	7 570 293	452 958
FF2	7 570 291	452 950
FF3	7 570 283	452 951
FF4	7 570 283	452 958



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