SURVEYING AND MAPPING DIVISION

Alberta Survey Control Marker (ASCM) Information

MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24	MASCOI DSS-I	SCM 367466
Latitude 51 07 10.36176 dms	Marker Installed 88-12	.5CM 307400
Latitude 51 07 10.36176 dms Longitude 114 12 53.56040 dms Horz Class INTEGRATED , ORDER 1	Tablet Marki	ngs 367466
Horz Class INTEGRATED , ORDER 1	Date Printed 2025-08-04	
Nort Datum CVD20 Indated: 2011 01 21	Last Updated 2011-01-21 Mapsheet N	Jame CALGARY G Jber 5664 - 012
Flevation 1173 707 m	For current information call Geodetic Survey	Der 5004 - UIZ
Vert Class INTEGRATED , SPIRIT LEVELS	(780) 427-3143 FAX: (780) 427-1493 Marker Condit	ion GOOD 92-01-31
3TM COORDINATES	ADJACENT MARKERS (calculated) Updated: 2011-01-21	
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd	Grid Std T-t
Northing 5664840.448 m	(m)(cm)	(dms) (s) (s)
Easting -15043.623 m	481358 481358 177.639 1 34/1 0.999720 3	51 55 14.61 2.3 -0.01
Convergence -0 10 02.18 dms	42192 664-12.136 290.307 1 21/1 0.999724	94 14 53.42 1.8 0.00
Station Ellipsoid Factor 0.999819	670703 670703 311.479 1 22/1 0.999722 3	50 27 45.36 1.8 -0.01
Station Combined Factor 0.999721	384966 664-12.169 324.150 1 22/1 0.999723	63 38 09.69 1.7 -0.01
	543272 543272 324.318 1 22/1 0.999720	23 52 29.74 1.8 -0.01
GEOID DATA (GSD95) Updated: 96-01-06	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd To Markings Distance Dev Order Factor (m)(cm) 481358 481358 177.639 1 34/1 0.999720 3 42192 664-12.136 290.307 1 21/1 0.999724 670703 670703 311.479 1 22/1 0.999722 3 384966 664-12.169 324.150 1 22/1 0.999723 543272 543272 324.318 1 22/1 0.999720 215053 664-12.174 329.780 1 21/1 0.999722 2	24 57 22.07 1.6 0.01
Component Magnitude Std Dev		Updated: 1989-06-13
Meridian Defl,XI(+N) 2.3 s 2 s ASC CAP ON 5 CM SQ HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE		
Drime Vert Defl FTA(+F) 7 N c 2 c	ΔΤ ΔΡΔΝΕ Ι.ΕΥΕΙ.	
Geoid_Ellip Separation -15.98 m 1 m	MARKER LOGATION	
COORDINATE HISTORY HORZ VERT	MARKER LOCATION	Updated: 1989-06-13
	OF B.O.SEP.W, PROD. W.	
Originating Project 88066 88066		
Published 89-11-10 89-11-10		
Revising Project NAD83 29003		
Published 94-05-24 11-01-21		
Revising Project 98016 Published 00-06-15		
Published 00-06-15		
Revising Project		
Published		
NON COORDINATE REVISIONS		
1989-06-13 FIRST MARKER LOCATION	MARKER CONDITION COMMENTS	Inspected Updated
DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR	MARKER REPORTED IN GOOD CONDITION	1992-01-31 1992-03-04
"MAPSHEET NO" CHANGED 1989-06-13 INSTALLATION DATE AND TABLET		
MARKINGS ENTERED		
	COORDINATE HISTORY COMMENTS	
	HORZ 94-05-24 ALBERTA NAD83 READJUST	MENT
HISTORICAL/OTHER MARKER NAMES		
	VERT	
	11-01-21	ION INTO CCS DBM NET
	00-06-15 0.021 m REVISED ELEVATION-BETT	ER INTEGRATION