SURVEYING AND MAPPING DIVISION

Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

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Horz Datum NAD83 Updated: 1994-05-24	1 11 1 00 10	ASCM 365379
Latitude 51 07 42.03807 dms Longitude 114 10 28.79403 dms Horz Class INTEGRATED , ORDER 2	Marker Installed 83-10	Tablet Markings 664-12.151
Horz Class INTEGRATED , ORDER 2	Date Printed 2025-08-04	
Vert Datum CVD28 Updated: 2000-06-15	Last Updated 2003-03-12	Mapsheet Name CALGARY H Mapsheet Number 5664 - 012
Elevation 1232.629 m	For current information call Geodetic Survey	
Vert Class INTEGRATED , SPIRIT LEVELS	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	Marker Condition GOOD 89-08-02
3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated: 2000-06-22
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PP To Markings Distance Dev Or (m)(cm) 384990 664-8.144 163.737 1 7 283853 664-12.152 204.950 1 4 467498 467498 260.231 1 4 354449 354440 271.638 1 4 440263 664-8.134 311.515 1 3 225490 225490 323.126 1 4	M/ Grid/ Grnd Grid Std T-t
Northing 5665811 701 m	To Markings Distance Dev Or	der Factor Bearing Dev Corr
Easting -12225 994 m	384990 664-8 144 163 737 1 7	3/2 0 999710 103 35 12 82 3 9 0 00
Convergence -0 08 09.55 dms	283853 664-12.152 204.950 1 4	4/2 0.999713 190 34 01.28 3.2 0.01
Station Ellipsoid Factor 0.999809	467498 467498 260.231 1 4	6/2 0.999712 338 06 46.92 3.8 -0.01
Station Combined Factor 0.999711	354449 354440 271.638 1 4	0/2 0.999709 312 14 17.34 3.4 -0.01
	- 440263 664-8.134 311.515 1 3	9/2 0.999710 72 48 14.47 3.0 0.00
GEOID DATA (GSD95) Updated: 96-01-06	225490 225490 323.126 1 4	0/2 0.999711 7 29 46.95 3.3 -0.01
Component Magnitude Std Dev	MARKER TYPE	Updated: 1989-10-05
Meridian Defl.XI(+N) 2.2 s 2 s	ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIV	EN PIPE 3.0 M LONG
Prime Vert Defl,ETA(+E) 6.8 s 2 s	5	.0 CM AGL. 25.0 CM NORTH OF MP.
Meridian Defl,XI(+N) 2.2 s 2 s Prime Vert Defl,ETA(+E) 6.8 s 2 s Geoid_Ellip Separation -16.08 m 1 m		
	- MARKER LOCATION	Updated: 1989-10-05
COORDINATE HISTORY HORZ VERT	LOCATED ON A HILL OVERLOOKING HAWKSBROW DRIVE NORTH WEST; 38.0 M EAST OF WEST FACE OF CURB ON ASPHALT WALK AT BOTTOM OF HILL BEHIND HOUSES ON HAWKSBROW	
Originating Project 83048 83048		
Originating Project 83048 83048 Published 84-10-15 84-10-15	DRIVE; 39.7 M NORTH OF THE SOUTH FACE OF CURB ON ASPHALT WALK.	
Revising Project NAD83 98016	NOTE: THIS MONUMENT MIGHT BE VERTICALLY AND HORIZONTALLY UNSTABLE.	
Published 94-05-24 00-06-15		
Revising Project 85038 89044 Published 86-01-21 90-11-28		
Published 86-01-21 90-11-28		
Revising Project 85038 Published 86-01-21		
Published 86-01-21		
NON COORDINATE REVISIONS	-	
1004_10_12 FIRST MARKED LOCATION	MARKER CONDITION COMMENTS	Inspected Updated
1984-10-12 FIRST MARKER LOCATION DESCRIPTION ENTERED	MARKER CONDITION COMMENTS	Inspected Updated
2003-03-12 "MAPSHEET NAME" AND/OR	MARKER REPORTED IN GOOD CONDITION.	1989-08-02 1989-10-05
"MAPSHEET NO" CHANGED		
1988-07-12 PREVIOUS ASCM # 188912 FOR THIS MARKER IS ELIMINATED		
	COORDINATE HISTORY COMMENTS	
	HORZ 94-05-24 ALBERT	
	- 86-01-21 197 46 47 0.044 m MOVEME	NT DETECTED
HISTORICAL/OTHER MARKER NAMES		
OID ACC # E6644 12 162	VERT 00-06-15 0.020 m REVISE	D. DI DINETON DEEDED INFECDATION
OLD ASC # 56644 12 163		
		D ELEVATION-BETTER INTEGRATION ION REVISED AND REINTEGRATED