

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 10 06.85407 dms
Longitude 114 02 11.27054 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2024-04-02

ASCM 1172
Tablet Markings 670-0.23
Mapsheet Name CALGARY H
Mapsheet Number 5670 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1089.274 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 01-02-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2024-04-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5670272.728 m
Easting -2550.149 m
Convergence -0 01 42.26 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
446104 446104	443.272	1	29/2	0.999730	180 03 49.00	2.4	0.00
175505 670-0.28	908.062	1	18/1	0.999732	296 25 52.65	1.5	0.00
702613 702613	1322.673	1	11/1	0.999733	205 28 26.48	0.9	0.01
620351 620351	1353.320	1	12/1	0.999733	199 43 57.90	1.0	0.01
9340 670-0.27	1594.322	1	12/1	0.999732	88 04 34.92	1.0	0.00
143180 667-0.5	2267.452	1	7/1	0.999732	135 44 42.20	0.6	0.01

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-15

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, 0.75 M E OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-15

Originating Project 78030 78030
Published 83-08-10 83-08-10

ON W/S OF FIELD NEAR THE N-S 1/4 L FL OF 11 ST NE; MARKER IS ALSO E OF PARK WHICH IS ON E/S OF HOUSE NO 127 COVENTRY HTS NE; 65 M E OF E PL STEEL FL OF HOUSE NO 127 PROD. S; 2.6 M S OF B.O.W. N/S OF COVENTRY HTS PROD. E; 1.1 M E OF N-W 1/4 FL.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 92066
Published 93-07-30
Revising Project
Published

NON COORDINATE REVISIONS

1979-03-08 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2001-02-02	2001-08-15
MARKER REPORTED IN GOOD CONDITION	1998-04-22	1998-08-17
MARKER REPORTED IN GOOD CONDITION	1992-10-05	1992-12-03
MARKER REPORTED IN GOOD CONDITION.	1990-03-09	1990-05-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56704 0 23

99-10-21 0.044 m REVISED ELEVATION-BETTER INTEGRATION
93-07-30 -0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 670-00.23 56704 0 23