

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 10 00.61428 dms
Longitude 113 54 43.25791 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 34223

Tablet Markings 667+8.5

Date Printed 2025-08-03
Last Updated 2020-07-28

Mapsheet Name CALGARY A
Mapsheet Number 5670 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1096.252 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 18-04-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5670082.967 m
Easting 6153.474 m
Convergence 0 04 06.73 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

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)
384487 384487	579.303	1	29/2	0.999732	179 45 19.59	2.5	-0.01
313411 313411	705.345	1	27/2	0.999731	288 52 06.49	2.2	0.00
86108 670+8.1	1633.692	1	10/1	0.999732	280 06 57.04	0.9	0.00
245373 670+8.2	2017.877	1	10/1	0.999731	336 50 55.43	0.8	0.03
153163 756027	2261.656	1	9/1	0.999732	168 42 22.12	0.7	-0.04
135269 670+8.5	2433.351	1	8/1	0.999732	319 41 50.77	0.7	0.03

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.63 m 1 m

MARKER TYPE

Updated: 2006-06-19

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD,0.3 M E OF GP.

COORDINATE HISTORY

Originating Project 75118 75118
Published 83-09-15 83-09-15

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2019-01-11

LOCATED ON THE W/S OF 84 ST , S OF 128 AVE NE; 0.9 M E OF THE W/BDY OF 84 ST (BARBED-WIRE FENCE); 300 M S OF N SECTION LINE (FENCE LINE) OF SECTION 25 (128 AVE) ; 10 M W OF C/L OF 84 ST.

NON COORDINATE REVISIONS

1975-10-07 FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED
2001-12-10 SEE 'HISTORICAL/OTHER MARKER NAMES'
1993-08-05 NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2018-04-26	2019-01-11
MARKER REPORTED IN GOOD CONDITION	2005-10-26	2006-06-19
MARKER REPORTED IN GOOD CONDITION	1992-09-24	1992-12-03
MARKER REPORTED IN GOOD CONDITION	1991-11-12	1991-12-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56673 8 5 NGDB # 77X1076
NGDB NAME 667+8.5
HISTORY 667+08.5 56673 8 5

VERT

99-10-21 0.044 m REVISED ELEVATION-BETTER INTEGRATION