

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 46.56298 dms
Longitude 114 11 58.15028 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 53355

Tablet Markings 661-12.261

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1163.914 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5664102.038 m
Easting -13968.042 m
Convergence -0 09 19.00 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
4390 664-12.80	138.839	1 101/2	0.999720	359 27 09.46	5.8	0.00
190215 661-12.258	163.529	1 79/2	0.999725	126 05 52.06	6.7	0.00
104406 661-12.226	170.266	1 53/2	0.999725	307 41 41.75	3.7	0.00
57422 661-12.224	214.779	1 46/2	0.999725	186 16 42.55	3.9	0.01
191726 661-12.257	217.541	1 78/2	0.999725	148 34 08.62	5.7	0.01
213967 661-12.255	224.128	1 45/2	0.999721	88 15 41.09	3.8	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

MARKER TYPE

Updated: 1994-02-04

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL.

COORDINATE HISTORY

Originating Project 78039 78039
Published 83-08-18 83-08-18

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-02-04

ON W/S OF SILVER RIDGE WAY AT 67 AVE. NW; 1.0 M W OF F.O.C.;
5.3 M S OF B.O.R.C. N/S PROD. W; 1.0 M W OF CB. .

NON COORDINATE REVISIONS

1978-12-06 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 1993-10-19 1994-02-04
MARKER REPORTED IN GOOD CONDITION. 1988-10-28 1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 261

VERT

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 261