

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 06.24035 dms
Longitude 114 06 03.13713 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 64766
Tablet Markings 658-4.244
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1091.256 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-11-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5660988.008 m
Easting -7067.276 m
Convergence -0 04 42.55 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
61044 658-4.245	125.771	1 63/2	0.999726	33 48 20.55	5.6	0.00
129478 658-4.199	128.785	1 62/2	0.999729	133 04 17.87	5.0	0.00
105403	140.068	2 297/4	0.999731	136 42 51.18	21.6	0.00
6056 658-4.201	162.118	1 62/2	0.999728	357 52 58.84	5.2	0.00
136119 658-4.203	234.015	1 47/2	0.999728	21 25 19.15	3.8	0.00
17020 658-4.204	295.963	1 40/2	0.999731	37 35 25.95	3.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 71103 71103
Published 84-01-07 84-01-07

IN BLVD ON THE S/S OF NORTHMOUNT DR AT CLARENDON RD NW; 1.9 M S OF F.O.C.;
0.8 M W OF F.O.W. E/S PROD S; 7.5 M W OF LT.S.

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

NON COORDINATE REVISIONS

1971-12-20 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

1992-11-27 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 244

00-06-15

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.244 56584 4 244