

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

Horz Datum NAD83 Updated: 2011-02-14
Latitude 51 04 59.86210 dms
Longitude 114 08 03.56050 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 71-03

ASCM 26252

Tablet Markings 658-8.150

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2011-02-14
Elevation 1105.578 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660794.665 m
Easting -9411.282 m
Convergence -0 06 16.24 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

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)
419739 419739	187.085	1	9/1	0.999730	174 36 44.84	4.6	0.00
72017 658-08.149	304.307	1	9/1	0.999732	3 34 51.76	2.8	-0.01
121418 180228.2	612.968	1	24/1	0.999730	230 45 55.88	2.0	0.01
202689 1723.35	675.513	1	9/1	0.999731	313 00 06.31	1.3	-0.01
108753 658-8.136	707.552	1	23/1	0.999730	57 23 30.50	1.8	-0.01
268821 658-8.220	1131.100	1	14/1	0.999730	145 38 35.08	1.2	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-16

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1.0 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 71105 71105
Published 71-10-21 71-10-21

ON N/S OF ENTRANCE TO THE EUB CORE RESEARCH CENTRE AT THE INT. OF 33 ST NW AND R
EDEARCH PL; 3.6 M W OF BOW; 1.0 M N OF BOC PROD E; 12.7 M NW OF LT.S.

Revising Project 30002 30002
Published 11-02-14 11-02-14
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Comments	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2005-07-07	2006-06-16
MARKER REPORTED IN GOOD CONDITION.	1989-07-12	1989-08-17
NUMBERS ARE DIFFICULT TO READ.	1988-06-01	1988-08-29

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 8 150

HISTORY 658-08.150 658-08 150

VERT

Date	Std Dev	Comments
11-02-14	0.033 m	REVISED ELEVATION-BETTER INTEGRATION
00-06-15	0.025 m	REVISED ELEVATION-BETTER INTEGRATION