

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 54.87411 dms  
Longitude 113 59 51.32176 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 10751  
Tablet Markings DOT702325  
Mapsheet Name CALGARY B  
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1981-07-01  
Elevation 1083.844 m  
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 94-11-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662485.939 m  
Easting 168.844 m  
Convergence 0 00 06.75 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

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)
155937 DOT702324	533.505	1	26/1	0.999733	0 01 48.28	1.5	0.00
121665 240239	582.211	1	24/1	0.999732	212 38 14.04	1.6	0.00
239822 661+4.35	604.191	1	22/1	0.999733	30 10 48.96	1.7	0.00
13060 DOT702338	792.762	1	18/1	0.999733	58 12 39.76	1.5	0.00
176578 702327	864.076	1	23/1	0.999733	252 49 02.48	1.5	0.00
139584 DOT702321	1022.518	1	25/2	0.999732	301 29 16.18	1.9	0.00

GEOID DATA (GSD95) Updated: 01-03-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1996-03-19

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 4.8 s 2 s  
Geoid\_Ellip Separation -16.40 m 1 m

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER  
27 CM BGL, 0.5M S OF GP

COORDINATE HISTORY HORZ VERT

Originating Project 80042 80042  
Published 81-07-01 81-07-01

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1996-03-19

IN A FIELD NORTH OF 48 AVE. ROAD ALLOWANCE AND EAST OF BARLOW TRAIL NORTH EAST  
IN THE SW 1/4 SECTION 4-25-29-4; 275.0 M NORTH OF AN EAST-WEST POWER LINE ON  
THE NORTH SIDE OF ROAD ALLOWANCE; 272.6 M EAST OF THE EAST EDGE OF ASPHALT ROAD  
FOR NORTH BOUND BARLOW TRAIL.

NON COORDINATE REVISIONS

1970-11-02 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.	1994-11-03	1995-01-09
MARKER REPORTED IN GOOD CONDITION	1994-03-28	1995-05-11
MARKER REPORTED IN GOOD CONDITION.	1988-10-19	1988-11-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 4 23

VERT

HISTORY DOT 702325 56613 4 23