

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 51.12772 dms
Longitude 114 06 20.45271 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 71-03

ASCM 32219

Tablet Markings 658-4.132

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

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1090.764 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660521.506 m
Easting -7404.937 m
Convergence -0 04 56.01 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

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)
47969 658-4.131	108.277	1	74/2	0.999740	231 07 13.71	5.2	0.00
75697 658-4.133	126.358	1	55/2	0.999725	48 06 54.26	4.3	0.00
109934 658-4.130	253.025	1	40/2	0.999733	296 11 25.28	3.4	0.00
169813 658-4.125	297.670	1	34/2	0.999734	252 20 20.07	2.8	0.00
5587 658-4.129	314.969	1	35/2	0.999734	284 25 59.86	2.9	0.00
41970 658-4.116	328.709	1	33/2	0.999734	185 34 45.66	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.18 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

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

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

ON THE SE CORNER OF ENTRANCE TO CONFEDERATION PARK GOLF COURSE AT THE
INTERSECTION OF CALLINGWOOD DRIVE AT CARIBOU DRIVE N.W.; 5.2 M SOUTH OF
ASPHALT F.O.C. PRODUCED WEST; 0.40 M EAST OF B.O.W. EAST SIDE PRODUCED SOUTH;
0.40 M NORTH OF E-W STEEL FENCE PRODUCED WEST.

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 1993-03-04 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 132

00-06-15

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.132 56584 4 132