

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 48.92487 dms
Longitude 114 06 24.77714 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 71-03

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

ASCM 47969

Tablet Markings 658-4.131

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1088.459 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660453.560 m
Easting -7489.205 m
Convergence -0 04 59.37 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
32219 658-4.132	108.277	1	74/2 0.999740	51 07 13.71	5.2	0.00
169813 658-4.125	200.599	1	40/1 0.999731	263 36 16.09	3.3	0.00
109934 658-4.130	229.455	1	35/1 0.999732	321 31 33.83	3.1	0.00
75697 658-4.133	234.554	1	38/2 0.999732	49 30 07.05	3.2	0.00
41970 658-4.116	264.418	1	34/1 0.999733	168 35 06.12	2.9	0.00
5587 658-4.129	264.913	1	34/1 0.999733	303 33 58.84	3.0	0.00

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) 6.3 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

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

IN PARK ON WEST SIDE OF 19 STREET AT COLLINGWOOD DRIVE N.W.; 3.9 M WEST OF
F.O.C.; 3.2 M SOUTH OF F.O.C. SOUTH SIDE PRODUCED WEST; 7.10 M SW OF CB.

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

1993-03-05 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 131

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.131 56584 4 131