

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 41.84991 dms
Longitude 114 07 46.21977 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 44008

Tablet Markings 658-8.161

Date Printed 2025-08-03
Last Updated 2022-03-03

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1089.369 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-08-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5658383.517 m
Easting -9078.027 m
Convergence -0 06 02.64 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
13854 658-8.173	201.694	1	40/1	0.999732	1 44	28.49	3.3	0.00
118984 658-8.160	257.034	1	27/1	0.999733	113 37	35.56	2.2	0.00
217455 655-8.51	294.107	1	30/1	0.999736	232 04	28.06	2.5	0.00
220574 658-8.245	447.998	1	20/1	0.999734	296 19	05.68	1.6	0.00
314807	453.301	1	70/2	0.999727	314 29	02.95	4.2	-0.01
129106 658-8.158	508.867	1	18/1	0.999736	274 13	53.16	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-10

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

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

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

MARKER LOCATION

Updated: 2001-08-30

IN PARK ON SW CORNER OF THE SW LEG OF TORONTO CRES NW;
0.80 M S OF F.O.C. N/S PROD. W;
6.30 M E OF F.O.C. ON CURVE;
10.70 M SW OF F.O.C. ON CURVE;
12.0 M S/SW OF GREEN LT.S.

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN FEBRUARY 1978.

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

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1995-08-23 2001-08-30
1989-02-16 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 8 161

VERT

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-08.161 658-08 161