

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 00.44934 dms
Longitude 114 09 12.89684 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 18879

Tablet Markings 664-8.52

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1165.855 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5664523.415 m
Easting -10752.965 m
Convergence -0 07 10.39 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
207787 664-8.80	186.975	1	53/2	0.999722	191 28 24.82	3.4	0.00
71761 664-8.81	220.998	1	54/2	0.999722	74 35 38.78	4.1	0.00
55327 664-8.82	230.852	1	48/2	0.999721	325 16 58.93	3.3	-0.01
115766 664-8.32	298.824	1	50/2	0.999724	191 53 19.31	4.0	0.01
111443 664-8.57	333.076	1	36/2	0.999721	89 38 23.49	3.2	0.00
264465 664-8.237	346.271	1	35/2	0.999720	149 28 50.72	2.9	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-07

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC BRASS TABLET ON TOP OF 5 CM X 1.5M STEEL PIPE.
10 CM BGL.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-02-07

Originating Project 78014 78014
Published 78-03-01 78-03-01

ON W/S OF EDMONT BLVD. AT EDMONT DR. NW; 0.40 M W OF F.O.C.
ON CURVE; 4.2 M S OF B. OF SEP.W S/S PROD.W; 15.2 M S OF CB;
11.7 M SE OF A.G.T. MH. .

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

NON COORDINATE REVISIONS

1979-07-12 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

1993-11-22 1994-02-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 52

00-06-15

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-08.52 56644 8 52