

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 41.76972 dms
Longitude 114 03 12.11140 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-06

ASCM 18895

Tablet Markings 658-0.199

Date Printed 2025-08-03
Last Updated 2006-03-27

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1080.813 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-08-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-03-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5658374.414 m
Easting -3740.711 m
Convergence -0 02 29.43 dms
Station Ellipsoid Factor 0.999833
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)
55269 658-0.100	179.063	1	67/2 0.999729	4 54 35.96	3.8	0.00
27201 655-0.249	216.900	1	55/2 0.999732	178 30 53.53	3.2	0.00
167668 220214	549.883	1	36/2 0.999734	141 09 05.08	2.4	0.00
126151	550.293	1	51/2 0.999731	134 33 52.63	3.7	0.00
179911 2221.47	559.116	1	38/2 0.999733	103 05 18.11	3.1	0.00
179085 2221.49	564.608	1	30/2 0.999733	71 40 08.47	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2003-01-28

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

ASC BRASS TABLET ON 7X213 CM HEAVY WALL DRIVEN PIPE
FLUSH

COORDINATE HISTORY

MARKER LOCATION

Updated: 1983-12-09

Originating Project 83024 83024
Published 83-12-14 83-12-14

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

REPLACES 658-0.102
10 AVE AND 4 ST NE, N.W. COR OF INT.
2.62M W OF F.O.C., W/S OF 4 ST.
4.96M N OF F.O.C., N/S OF 10 AVE.

NON COORDINATE REVISIONS

1983-12-09 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	2002-08-06	2003-01-28
MARKER REPORTED IN GOOD CONDITION	2002-03-30	2002-09-09
MARKER REPORTED IN GOOD CONDITION	1993-04-19	1993-08-10
MARKER REPORTED IN GOOD CONDITION	1991-07-08	1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 199

00-06-15

0.039 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 199