

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 39.38506 dms
Longitude 114 06 15.88126 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 58131

Tablet Markings 652-4.264

Date Printed 2025-08-03
Last Updated 2011-04-29

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1111.123 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-07-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-04-29

Scale Factor 0.999900 At Ref Mer 114

Northing 5654596.629 m
Easting -7324.358 m
Convergence -0 04 52.23 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
154898 652-4.262	250.978	1	75/2	0.999728	98 40 08.74	4.7	0.00	
169896 652-4.255	268.282	1	48/2	0.999729	272 49 03.94	4.2	0.00	
249201 652-4.269	308.673	1	36/2	0.999730	183 12 58.27	2.8	0.01	
282723 636010	323.407	1	37/2	0.999731	356 53 45.17	3.2	-0.01	
256198 652-4.267	341.228	1	41/2	0.999729	262 30 19.57	3.5	0.00	
	365.957	1	38/2	0.999730	28 18 14.56	3.3	-0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-23

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-23

Originating Project 72111 72111
Published 70-06-24 70-06-24

S.E. CORNER OF 29 AVENUE AND 18 STREET S.W.;
1M S OF BACK OF WALK PROD W; 2.1M E OF B.O.W. PROD N;
3.6M NE OF STOP SIGN.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-02-06 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, CAP EFFACED.
MARKER REPORTED IN GOOD CONDITION

1998-07-09 2001-08-24
1991-08-08 1992-01-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 264

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-04.264 56524 4 264