

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 35.56962 dms
Longitude 114 06 44.66584 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 48546

Tablet Markings 652-4.249

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1107.769 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 13-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5652625.602 m
Easting -7888.257 m
Convergence -0 05 14.53 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
19232 652-4.223	138.979	1 79/2	0.999728	173 00 18.93	4.7	0.00
183541 652-4.243	264.076	1 49/2	0.999730	52 42 41.87	3.9	0.00
264168 652-4.225	353.294	1 40/2	0.999729	173 03 03.61	2.8	0.01
81315 652-4.224	433.530	1 32/2	0.999730	106 24 01.31	2.7	0.00
275016 652-4.250	441.404	1 36/2	0.999732	80 56 03.01	3.0	0.00
91793 652-4.239	821.706	1 21/1	0.999731	32 16 09.07	1.7	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-02-06

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

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

ON SOUTHWEST CORNER OF 49 AVENUE AND 21 STREET SOUTHWEST; 1.4 M SOUTH OF B.O.W.
PRODUCED EAST; 4.2 M WEST OF B.O.W. PRODUCED NORTH; 2.3 M SOUTH WEST OF CATCH
BASIN.

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
MARKER REPORTED IN GOOD CONDITION

2013-12-03 2014-01-07
1992-12-14 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 249

01-02-07

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-04.249 56524 4 249