

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 10.48847 dms
Longitude 114 06 48.90924 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 3848

Tablet Markings 655-4.245

Date Printed 2025-08-03
Last Updated 2019-01-31

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 1970-06-24
Elevation 1109.730 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-04-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5655558.657 m
Easting -7966.455 m
Convergence -0 05 17.95 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999729

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)
255018 655-4.246	187.714	1	53/2	0.999730	355 50 06.89	4.4	0.00	
101378 655-4.243	213.257	1	56/2	0.999735	124 47 09.97	4.7	0.00	
122739 655-4.248	333.009	1	48/2	0.999730	357 55 25.79	3.0	-0.01	
34744 652-4.273	363.565	1	36/2	0.999731	179 41 42.46	2.9	0.01	
279018 190201	439.040	1	48/2	0.999728	317 36 25.94	3.5	-0.01	
29355	446.067	1	43/2	0.999729	70 25 41.84	3.5	0.00	

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-02-06

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 6.4 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

MARKER LOCATION

Updated: 1973-02-06

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

LOCATED ON THE NORTH END OF 22 STREET (CUL-DE-SAC) ON THE EAST SIDE OF
LANE; 9.8 M SOUTH OF NORTH PROPERTY LINE OF LANE; 0.1 M EAST OF BACK
OF WALK ON EAST SIDE OF 22 STREET.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-02-06 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1989-04-10 1990-05-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 4 245

HISTORY 655-04.245 56554 4 245