

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 31.31611 dms
Longitude 114 02 40.53262 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 11726
Tablet Markings 2221.24
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.677 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-03-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658050.993 m
Easting -3126.019 m
Convergence -0 02 04.86 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
12872 2221.14	184.915	1 96/2	0.999735	171 26 43.56	4.7	0.00
179911 2221.47	209.055	1 110/3	0.999735	340 21 36.75	8.2	0.00
126151	231.435	1 120/3	0.999730	254 17 47.35	10.1	0.00
167668 220214	289.545	1 66/2	0.999732	248 47 30.48	5.4	0.00
280271 2221.27	293.829	1 65/2	0.999736	71 53 32.37	5.5	0.00
30098 2221.12	302.583	1 66/2	0.999734	175 00 47.09	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-12-01

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-12-01

Originating Project 69111 69111
Published 70-10-19 70-10-19

IN FRONT OF LAWN ON EAST SIDE OF HOUSE NO.819-7 AVENUE NORTH EAST; 2.3 M SOUTH
OF BACK OF WALK; 3.35 M WEST OF THE EAST PROPERTY LINE STEEL FENCE OF HOUSE
NO.819 PRODUCED NORTH; 1.1 M SOUTH OF EAST WEST POWER LINE.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-10-19 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
2014-03-21	2014-03-31
1994-11-01	1994-12-01
1991-07-09	1991-12-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 229

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+00 229