

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 34.84636 dms
Longitude 114 12 47.53972 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 44412

Tablet Markings 661-12.87

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1077.643 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-09-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5661888.708 m
Easting -14935.085 m
Convergence -0 09 57.27 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
228312 661-12.86	142.362	1	77/2	0.999735	321 01 34.59	4.3	0.00
134346 661-12.88	174.586	1	74/2	0.999736	215 23 25.78	4.1	0.01
184325 661-12.75	182.661	1	60/2	0.999739	53 37 23.09	5.3	0.00
74526 661-12.48	193.189	1	57/2	0.999740	129 46 31.49	3.6	0.00
240457 661-12.89	256.926	1	47/2	0.999739	178 40 28.78	3.8	0.01
45393 661-12.85	346.046	1	38/2	0.999734	311 59 24.34	2.7	-0.01

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.6 s 2 s
Prime Vert Defl, ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.95 m 1 m

MARKER TYPE

Updated: 1973-06-19

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 72106 72106
Published 83-04-29 83-04-29

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

MARKER LOCATION

Updated: 1994-02-03

ON SW COR. OF 86 ST. AT 36 AVE. NW; 0.30 M SW OF B.O.W. ON CURVE;
1.5 M W OF B.O.W. PROD. N; 9.0 M S OF B.O.W. PROD.E.

NON COORDINATE REVISIONS

1973-06-19 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	2002-09-23	2002-10-27
MARKER REPORTED IN GOOD CONDITION	1993-09-21	1994-02-03
MARKER REPORTED IN GOOD CONDITION.	1988-10-12	1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 87

VERT

00-06-15

0.008 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 87