

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 22.01366 dms
Longitude 114 09 52.34186 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 24422
Tablet Markings 661-8.229
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1125.368 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-08-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663337.419 m
Easting -11522.762 m
Convergence -0 07 41.03 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
176214 661-8.228	240.037	1 42/2	0.999726	341 08 17.08	2.9	-0.01
309260 661-8.247	275.897	1 40/2	0.999728	338 09 12.59	3.0	-0.01
188201 661-8.159	286.012	1 31/1	0.999726	43 20 58.70	2.7	-0.01
384982 661-8.255	319.674	1 34/2	0.999724	3 32 02.70	2.9	-0.01
67371 661-8.164	360.555	1 33/2	0.999726	73 01 30.44	2.8	0.00
240226 661-8.160	396.253	1 25/1	0.999725	6 36 14.36	2.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-16

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC BRASS TABLET ON TOP OF 5.08 CM X 2.74 M STEEL PIPE.
30 CM BGL.

COORDINATE HISTORY

HORZ VERT

Originating Project 78015 78015
Published 83-08-03 83-08-03

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 87073
Published 90-01-30
Revising Project
Published

MARKER LOCATION

Updated: 2006-06-16

IN GRASSY AREA ON SE CORNER OF CUL-DE-SAC ACROSS FROM HOUSE #104 DELHOUSE RD NW;
2.6 M S OF B.O.R.C. S/S PROD SE; 0.5 M E OF THE E/WALL OF HOUSE PROD S; 2.0 M E
OF N-S POST AND CABLE FENCE.

NON COORDINATE REVISIONS

1979-08-09 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	2005-08-03	2006-06-16
MARKER REPORTED IN GOOD CONDITION	1999-08-06	2000-10-24
MARKER REPORTED IN GOOD CONDITION.	1993-09-09	1994-01-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 229

VERT

00-06-15	0.019 m	REVISED ELEVATION-BETTER INTEGRATION
90-01-30	0.026 m	ELEV. REV. -INTEGRATED INTO GSC DBM CIRCUIT

HISTORY 661-08.229 56614 8 229