

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 38.03389 dms
Longitude 114 11 06.80898 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 52134
Tablet Markings 661-12.153
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1143.349 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5663835.881 m
Easting -12970.116 m
Convergence -0 08 39.02 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
147520 661-12.107	106.325	1 85/2	0.999721	99 47 29.50	5.1	0.00
190512 661-12.152	111.754	1 89/2	0.999725	2 32 06.95	7.2	0.00
190223 661-12.108	162.046	1 56/2	0.999731	263 44 23.69	3.4	0.00
254763 661-12.129	213.000	1 61/2	0.999722	136 55 13.70	5.0	0.01
279554 661-12.150	244.595	1 41/2	0.999727	319 32 48.56	3.4	-0.01
229732 661-12.131	257.195	1 66/2	0.999724	181 01 36.73	5.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-05-20

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-22

Originating Project 75111 75111
Published 83-05-31 83-05-31

MONUMENT IS LOCATED ON NW COR OF SILVER SPRINGS ROAD AND SILVER SPRINGS
CRESCENT NW; 5.1 M W OF THE W B.O.W. PROD S; 1.9M N OF THE N B.O.W. PROD W;
0.85M NW OF B.O.W. ON CURVE; IN FRONT OF THE HOUSE #6503 SILVER SPRINGS CRES.

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

NON COORDINATE REVISIONS

1976-01-30 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	1993-10-15	1994-05-20
MARKER REPORTED IN GOOD CONDITION.	1991-06-17	1992-01-22
MARKER REPORTED IN GOOD CONDITION.	1988-10-28	1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 153

00-06-15

0.027 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 153