

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 15.16612 dms  
Longitude 114 01 42.74594 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 52738

Date Printed 2025-08-03  
Last Updated 2016-04-08

Tablet Markings F9

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1071.302 m  
Vert Class INTEGRATED , SPIRIT LEVELS

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 000

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

Marker Condition GOOD 87-02-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657551.408 m  
Easting -2000.944 m  
Convergence -0 01 19.91 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
61192 F7	198.288	1	45/2	0.999733	171 26 33.75	2.7	0.00
3426 2221.2	198.978	1	40/2	0.999738	341 19 10.18	2.3	0.00
136234 2221.3	211.081	1	99/3	0.999735	320 48 11.34	8.0	0.00
127555 2220.10	221.544	1	108/3	0.999733	187 11 13.57	8.3	0.00
205294 2221.4	244.503	1	102/3	0.999735	291 40 57.92	7.2	0.00
209379 2220.11	260.567	1	84/2	0.999734	212 12 00.80	6.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-19

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.29 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 2.0 CM BELOW GROUND LEVEL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-10-19

Originating Project 69111 69111  
Published 70-10-19 70-10-19  
  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

AT THE REAR OF HOUSE #1434 - CHILD AVENUE NORTH EAST; ON TOP OF HILL  
EAST OF HILL STREET (ACTUALLY A LANE); 6.0 M EAST OF EAST PROPERTY  
LINE (CABLE FENCE) OF LANE; 5.0 M SOUTH OF NORTH PROPERTY LINE OF  
HOUSE #1434, LOT 16 PRODUCED EAST; 0.43 M WEST OF GUARD POST.

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

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 141

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+00 141