

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 58.44711 dms
Longitude 114 09 29.29915 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 50005

Tablet Markings 652-8.136

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1141.669 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655192.348 m
Easting -11092.001 m
Convergence -0 07 22.63 dms
Station Ellipsoid Factor 0.999824
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)	
112532 655-8.129	120.014	1	67/2	0.999722	6 24 49.91	4.7	0.00
40733 655-8.126	249.328	1	40/2	0.999721	22 50 49.16	3.1	-0.01
13722 655-8.128	251.322	1	48/2	0.999724	51 40 58.59	3.8	0.00
246306 652-8.138	262.361	1	42/2	0.999726	170 15 57.09	3.5	0.01
280743 652-8.139	301.665	1	40/2	0.999725	154 59 41.33	3.1	0.01
1735 655-8.127	372.340	1	35/2	0.999724	340 51 05.09	2.7	-0.01

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-11-28

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 4' STEEL PIPE.
3 CM BGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-11-28

Originating Project 72108 72108
Published 83-02-03 83-02-03

IN FIELD ON E/S OF OPTIMIST PARK SW. AND N OF E-W LANE AND N-S LANE; W OF
GLADYS RIDGE RD.; 19.8 M. N OF N.P/L OF E-W LANE; 0.6 M. W OF W.P/L OF N-S
LANE PROD. N.; 6.0 M. S OF POWER POLE, E OF FIRST BASEBALL DIAMOND NE OF
GEORGE BLUNDIN AND OPTIMIST ARENAS.

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

NON COORDINATE REVISIONS

1973-04-26 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1993-01-19 1993-07-05
1991-04-15 1991-11-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 136

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.136 56524 8 136