

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 58 26.75613 dms  
Longitude 114 06 29.41228 dms  
Horz Class INTEGRATED , ORDER 4

Marker Installed 72-03

ASCM 45153

Tablet Markings 646-4.234

Date Printed 2025-08-03  
Last Updated 2005-08-02

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1087.423 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-10-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5648644.929 m  
Easting -7596.755 m  
Convergence -0 05 02.52 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
172569 646-4.231	102.693	1 117/2	0.999730	224 17 48.35	9.3	0.00
25668 646-4.230	219.972	1 45/2	0.999731	285 57 12.03	3.7	0.00
19851	254.805	1 241/4	0.999727	188 25 48.45	13.7	0.00
277350 646-4.228	297.896	1 40/2	0.999733	231 45 04.50	3.3	0.00
211896 646-4.240	334.722	1 39/2	0.999731	203 44 13.54	3.2	0.01
3103 646-4.304	395.825	1 33/2	0.999734	123 26 03.64	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-09-30

Meridian Defl,XI(+N) 3.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.6 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND. 1 G.P.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-09-30

Originating Project 72115 72115  
Published 83-03-19 83-03-19

IN PARK ON S/S OF GLENMORE RESERVOIR AND N. BEHIND HOUSE #2016 BAYSHORE RD.;  
17.3M WEST OF EAST P/L OF HOUSE #2016, PROD. NORTH;  
21.1M NORTH OF NORTH E-W FROST FENCE N. P.L OF HOUSE #2016.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1972-08-09 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

1990-10-26 1991-09-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 234

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.234 56464 4 234