

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 42.20698 dms
Longitude 114 09 10.74083 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2007-07-24

ASCM 24406
Tablet Markings 1722.4
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2007-07-24
Elevation 1113.353 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-07-24

Scale Factor 0.999900 At Ref Mer 114

Northing 5660251.679 m
Easting -10719.910 m
Convergence -0 07 08.48 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
187740 1722.7	209.954	1 48/2	0.999729	317 55 38.82	4.1	0.00
10603 1722.14	283.496	1 39/2	0.999730	271 33 39.10	3.3	0.00
38240 1723.20	325.106	1 37/2	0.999732	347 42 49.32	3.0	-0.01
477984 658-8.250	342.244	1 47/2	0.999732	15 18 35.17	4.0	-0.01
145755 1722.13	348.046	1 34/2	0.999730	264 31 05.36	2.7	0.00
32482 1722.17	368.529	1 32/2	0.999732	203 42 53.47	2.6	0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.6 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

MARKER TYPE

Updated: 2006-06-16

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project	70107	70107
Published	70-12-23	70-12-23
Revising Project	NAD83	26009
Published	94-05-24	07-07-24
Revising Project		21002
Published		01-03-06
Revising Project		
Published		

MARKER LOCATION

Updated: 2006-06-16

ON SW CORNER OF MACKAY RD AT 29 AVE NW; 1.7 M S OF FOW PROD E; 1.9 M W OF BOW PR
OD N; 1.7 M SW OF FOW ON CURVE.

NON COORDINATE REVISIONS

1970-12-23 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
MARKER REPORTED IN GOOD CONDITION

2005-07-19 2006-06-16
1989-02-07 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 8 56

VERT

07-07-24
01-03-06

0.010 m REVISED ELEVATION-BETTER INTEGRATION
0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 56