

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 12.95659 dms  
Longitude 114 03 25.54948 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 18275

Tablet Markings 643-0.225

Date Printed 2025-08-03  
Last Updated 2006-06-16

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1983-06-15  
Elevation 1048.202 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5644506.642 m  
Easting -4013.112 m  
Convergence -0 02 39.60 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
259606 643-0.230	104.471	1 124/2	0.999743	333 49 23.04	10.8	0.00
13912 643-4.187	120.922	1 91/2	0.999742	269 11 00.12	5.4	0.00
255505 643-0.226	203.157	1 69/2	0.999742	29 28 44.62	5.0	0.00
28548 643-0.228	204.615	1 78/2	0.999739	63 16 26.81	6.4	0.00
106427 643-4.182	224.948	1 71/2	0.999738	294 11 05.57	6.0	0.00
189191 643-4.188	241.990	1 58/2	0.999738	234 44 34.61	4.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-19

Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 5.9 s 2 s  
Geoid\_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 77028 77028  
Published 83-06-15 83-06-15

ON NE CORNER OF LAKE PLACID DR AT LAKE MEAD RD SE; 2.6 M N OF BOW PROD W; 1.9 M  
E OF BOW PROD S; 0.1 M NE OF BOW ON CURVE.

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1978-01-19 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

2005-06-02 2006-06-16  
1989-03-21 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 225

HISTORY 643+00.225 56434 0 225