

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 08 18.25000 dms
Longitude 114 14 39.71069 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-06
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 18465
Tablet Markings 664-16.25
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 016

Vert Datum CVD28 Updated: 2006-03-13
Elevation 1220.836 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-02-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5666944.624 m
Easting -17100.986 m
Convergence -0 11 25.00 dms
Station Ellipsoid Factor 0.999811
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
192039 664-16.4	1499.784	1	11/1 0.999717	148 25 18.65	0.9	0.05

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.1 s	2 s
Prime Vert Defl,ETA(+E)	7.1 s	2 s
Geoid_Ellip Separation	-15.93 m	1 m

MARKER TYPE Updated: 1991-12-24

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG
FLUSH W/GRND

COORDINATE HISTORY

	HORZ	VERT
Originating Project	80014	80014
Published	82-06-15	82-06-15
Revising Project	NAD83	23012
Published	94-05-24	06-03-13
Revising Project		98016
Published		00-06-15
Revising Project		92007
Published		92-12-10

MARKER LOCATION Updated: 2006-03-27

MARKER IS LOCATED ON THE N/S OF CROWCHILD TR (HWY 1A) W OF ROCKY RIDGE RD (101 S T NW) AT CLEARING ON N/S OF CROWCHILD TR NW; 0.9 M N OF N.EDGE OF ASPHALT ON HWY 1A WEST BOUND; IN LINE WITH THE W/S OF WOODEN & PAGE WIRE FENCE PROD. S; +/- 85 0 M W OF THE W BDY. ROCKY RIDGE ROAD PROD. S.

NON COORDINATE REVISIONS

1982-06-08 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	2006-02-02	2006-03-27
MARKER REPORTED IN GOOD CONDITION	1994-12-05	1995-05-17
MARKER REPORTED IN GOOD CONDITION	1992-02-18	1992-05-15
MARKER REPORTED IN GOOD CONDITION	1991-06-19	1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 16 25

HISTORY 56644 16 25

VERT

06-03-13	0.025 m	REVISED ELEVATION-MOVEMENT SUSPECTED
00-06-15	0.032 m	REVISED ELEVATION-BETTER INTEGRATION
92-12-10	0.044 m	REVISED ELEVATION-MOVEMENT SUSPECTED