

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 14 37.15690 dms  
Longitude   113 59 02.68621 dms  
Horz Class INTEGRATED      , ORDER 1

Marker Installed    75-03

ASCM      8920

Tablet Markings    51112.22

Date Printed      2025-08-03  
Last Updated      2012-05-28

Mapsheet Name    CALGARY A  
Mapsheet Number   5676 + 004

Vert Datum CVD28      Updated: 1985-02-19  
Elevation    1121.412 m  
Vert Class NOT INTEGRATED, SIMUL TRIG LEV

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

Marker Condition    GOOD      03-12-01

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-05-28

Scale Factor    0.999900    At Ref Mer 114

Northing    5678624.656 m  
Easting      1111.607 m  
Convergence    0 00 44.69 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
104992 679+4.21	1415.641	1	21/1	0.999729	9 46 51.48	1.8	0.00
299941 679+4.15	1520.176	1	19/1	0.999729	337 07 37.05	1.6	0.00
147702 679-0.26	1947.820	1	15/1	0.999730	315 44 00.88	1.3	0.00
167650 679+4.20	2213.852	1	14/1	0.999729	6 10 42.13	1.2	0.01
231118 679+4.14	2281.564	1	14/1	0.999729	334 29 59.27	1.1	0.00
183863 676+4.2	2360.766	1	13/1	0.999727	181 36 24.70	1.1	-0.01

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 2003-12-22

Meridian Defl,XI(+N)    2.2    s    2    s  
Prime Vert Defl,ETA(+E)   5.6    s    2    s  
Geoid\_Ellip Separation -16.62 m    1    m

ASC BRASS TABLET ON TOP OF 2"X10' STEEL PIPE WITH A 6.0" SQUARE BASE PLATE.  
FLUSH W/GRD, LANDSCAPED, 0.3 M N OF GP.

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 2001-02-26

Originating Project      76075      76075  
Published      85-02-19    85-02-19

ON A PROMINENT HILL IN THE SE 1/4 SEC 28-26-29-W4; APPROX 1/2 E OF HWY  
#2; AOOROX. 150.0M N OF E-W RD/A; APPROX. 200.0M W OF N-S RD/A; 1.0'  
FROM METAL SURVEY MARKER POST; GP 30.0CM S OF STA.  
PROPERTY OWNED BY SHARP HILL DEVELOPMENTS LTD;  
CONTACT: MR. BUSHFIELD AT 403/226-6686.  
ACCESS: BY FOOT ONLY; NO VEHICLE OR ATV ACCESS AT REQUEST OF OWNER.

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

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NON COORDINATE REVISIONS

1976-01-01    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	2003-12-01	2003-12-22
MARKER REPORTED IN GOOD CONDITION	2001-01-30	2001-02-26
MARKER REPORTED IN GOOD CONDITION	2000-02-15	2000-02-16
MARKER REPORTED IN GOOD CONDITION	1994-06-06	1995-02-03

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56763    4    3    NGBD # 75X002  
NGBD NAME 51112.22  
HISTORY 51112.22      56763    4    3

85-02-19      REVISED ELEVATION-BETTER INTEGRATION