

Mt. Alcock

521900

TN = 2° East of UTM N.

UTM Co-ords

	Northing	Easting	Elevation		
Mt. Alcock	6,342,835	356,300	1975 ✓		
99Δ5, ?	93,539	56,730	1741 ✓	NE end of ridge.	
Δ I	93,611	56,837	1658 ✓		
AK 89-2	93,759	56,976	1635 ✓		
-3	}	93,696	56,927	1674 ✓	
-4		93,696	56,927	1674 ✓	
-5		(9863N)	(9994E)		
-6	93,743	56,882	1617 ✓		
-7	93,719	56,862	1622 ✓		
-8	93,767	56,837	1588 ✓		
-9	93,678	56,952	1674 ✓		
AK 90-10	93,252	57,294	1422 ✓	197.2	= 197.2
-11	93,632	56,859	1640 ✓	41.8 + 38.7 + 293.2	= 373.7
-12	93,502	56,969	1581 ✓	150.0	= 150.0
-13	93,381	57,118	1496 ✓	142.0	= 142.0
-14	93,460	56,924	1609 ✓		
-15	93,315	57,070	1519		
					862.9
100N, 100E	93,690	56,860	1636 ✓		2831'
98N, 100E	93,524	56,998	1561 ✓		
96E, 100E	93,420	57,079	1506 ✓		
96N, 100E	93,377	57,125	1494 ✓		
94N, 100E	93,231	57,266	1430 ✓		
9960N, 100E	93,663	56,887	1623 ✓		

1.2	9971N	10132 E	10	9896N	10035 E
3.4	9960N	10055 E	11	9960N	9961 E
5	(9867N)	(9994E)	12	9803N	9964 E
6	10026N	10053 E	13	9619N	9993 E
7	10018N	10020 E	14	9800N	9903 E
8	10072 N	10034 E	15	9592N	9917 E
9	9927 N	10060 E			
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SURVEY FROM ALCOCK PEAK

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STA	FS	SD	VA	HD	VD	ELEV	BRS	AN	ΔE	NORTHING	EASTING	HD = SD cos VA	ΔN = HD cos AZ
		m		m	m		UTM	m	m			VD = SD sin VA	ΔE = HD sin AZ
ALCOCK						1975	N E			6,392,835	356,330		
	90-24	132.0	-27.9°	116.7	-61.8	1913.2	22.5°	107.8	44.7	92,942.8	56,374.7		
	-25	81.3	-21.1°	75.8	-29.3	1883.9	39°	58.9	47.7	93,001.7	56,422.4		
	-26	41.8	+4.0°	41.7	+2.9	1886.8	42°	31.0	27.9	93,032.7	56,450.3		
	-27	63.0	-23.5°	57.8	-25.1	1861.7	43°	42.3	39.4	93,075.0	56,489.7		
	-28	58.3	-25.0°	52.8	-24.6	1837.1	31°	45.2	27.2	93,120.2	56,516.9		
	-29	60.4	-6.9°	60.0	-7.3	1829.8	35°	49.1	34.4	93,169.3	56,551.3		
	-30	39.5	-16.0°	38.0	-10.9	1818.9	37°	30.3	22.9	93,199.6	56,574.2		
	-31	53.3	-17.9°	50.7	-16.4	1802.5	23°	46.7	19.8	93,246.3	56,594.0		
	-32	79.4	+4.2°	79.2	+5.8	1808.3	20°	74.4	27.1	93,320.7	56,621.1		
	-33	10.5	-5.8°	10.4	-1.1	1807.2	28.5°	9.1	5.0	93,333.5	56,621.3		
	-34	33.8	-21.5°	31.4	-12.4	1794.8	55°	18.0	25.7	93,300.5	56,594.2		
	-35	63.6	-11.0°	62.4	-12.1	1782.7	25°	56.6	26.4	93,376.1	56,600.0		
90-35	-36	52.5	-19.5°	49.5	-17.5	1765.2	37°	39.5	29.8	93,412.6	56,591.7		
90-36	-36A	58.5	-14.0°	57.0	-14.2	1751.0	13°	55.5	12.8	93,455.1	56,571.5		
	Δ5 23/6	41.5	-14.0°	40.3	-10.0	1741.0	13°	39.3	9.1	93,538.7	56,729.9		NE end of ridge
Δ5	Δ4	28.6	-19.2°	27.0	-9.4	1731.6	S54°E	-15.9	21.8				
Δ4	Δ3	26.8	-16.0°	25.8	-7.4	1724.2	N47°E	17.6	18.9				
Δ3	C	3.8	-24.5°	3.5	-1.6	1722.6	47°	2.4	2.6				
C	D	8.7	-46.3°	6.0	-6.3	1716.3	47°	4.1	4.3				
D	E	11.3	-34.5°	9.3	-6.4	1709.9	47°	6.3	6.8				
E	Δ2	10.4	-34.5°	8.6	-5.9	1700.0	47°	5.9	6.3				
Δ2	F	12.1	-47.0°	8.2	-8.8	1675.2	47°	5.6	6.0				
F	G	38.1	-30.3°	32.9	-19.2	1659.9	47°	22.4	24.7				
G	Δ1	35.0	-30.3°	30.2	-17.7	1658.3	47°	20.6	22.1	93,611.3	56,836.7		
Δ1	AK 90-11	34.4	-31.3°	29.4	-17.9	1646.4	33°	24.2	16.0	93,631.9	56,858.8		AK 90-11
	90-39	45.0	+35°	44.9	+2.7	1613.0	N48°W	30.0	-33.4	93,661.9	56,825.4		

STA	FS	SD	VA	HD	VD	ELEV	Az	ΔN	ΔE	N	E	
		m		m	m		UTM	m	m			
90-39	100N 100E	45.0	-9.5°	44.4	-7.4	1635.7	051°	27.9	34.5	93,689.8	56,859.9	100N, 100E
	AK 89-7	30.9	-26.9°	27.6	-14.0	1621.7	005°	27.5	2.4	93,717.3	56,862.3	AK 89-7
	AK 89-6	32.5	-8.1°	32.2	-4.6	1617.1	37°	25.7	19.4	93,743.0	56,881.7	AK 89-6
	90-38	9.6	-6.9°	9.5	-1.2		281.5°	11.9	-9.3			
	90-37	41.5	-30.5°	35.8	-21.1		322°	28.2	-22.0			
	AK 89-8	16.2	-26.0°	14.6	-7.1	1587.7	246°	-5.9	-13.3	93,767.2	56,837.1	AK 89-8
100N, 100E	90-2	7.0	0°	7.0	0		137°	-5.1	4.8	93,684.7	56,864.7	
	-3	33.7	-22.2°	31.2	-12.7	1623.0	134°	-21.7	22.4	93,663.0	56,887.1	9960N, 100E
	-4	51.5	-11.4°	50.5	-10.2		140°	-38.7	32.5	93,624.3	56,919.6	
	-4	-5	14.2	-17.9°	13.5	-4.4	141°	-10.5	8.5	93,613.8	56,928.1	
	-5	-6	26.2	-22.2°	24.2	-9.9	140°	-18.5	15.6	93,595.3	56,943.7	
	-6	-7	28.8	-30.5°	24.8	-14.6	137°	-18.1	16.9	93,577.2	56,960.6	
	-8	32.1	-19.4°	30.3	-10.7		139°	-22.9	19.9	93,554.3	56,980.5	
	-9	28.2	-16.0°	27.1	-7.8		152°	-23.9	12.7	93,530.4	56,993.2	
	-10	9.0	-29.7°	7.8	-4.5	1560.9	140°	-6.0	5.0	93,524.4	56,998.2	98N, 100E
	-11	67.7	-24.8°	61.4	-28.4		138°	-45.6	41.1	93,478.8	57,039.3	
	-12	38.7	-22.2°	35.8	-14.6		136°	-25.8	24.9	93,453.0	57,064.2	
	-13	17.3	-11.4°	17.0	-3.4		135°	-18.0	12.0	93,441.0	57,076.2	
	-14	15.1	-8.1°	14.9	-2.1		145°	-12.2	8.5	93,428.8	57,084.7	
	-15	13.6	-25.9°	12.2	-5.9	1506.5	139°	-9.2	8.0	93,419.6	57,092.7	96E, 100E
	-16	13.6	-17.9°	12.9	-4.2		143°	-10.3	7.8	93,409.3	57,100.5	
	-17	32.0	-11.4°	31.4	-6.3	1496.0	143°	-25.1	18.9	93,384.2	57,119.4	AK 90-13 ? site flag.
	-18	9.0	-11.4°	8.8	-1.8	1494.2	143°	-7.0	5.3	93,377.2	57,124.7	96N, 100E
	-19	30.0	-19.4°	28.3	-10.0		144°	-22.9	16.6	93,354.3	57,141.3	
	-20	64.7	-16.0°	62.2	-17.8		132°	-41.6	46.2	93,312.7	57,187.5	
	-21	63.8	-16.0°	61.3	-17.6		136°	-44.1	42.6	93,268.6	57,230.1	
	-22	55.3	-19.4°	52.2	-18.4	1430.4	136°	-37.5	36.3	93,231.1	57,266.4	94N, 100E

STA	FS	SD	VA	HD	VD	ELEV	Az	AN	ΔE	N	E		
		m		m	m		UTM	m	m				
90-22	90-23	36.0	-13.9°	35.0	-8.6	1421.8	53°	21.1	28.0	93,252.2	57,294.4	AK 90-10	
						1560.9				93,524.4	56,998.2	98N,100E = 1574M.L?	
98N,100E	TP ₂	4.0	+27.9°	3.5	1.9		320	2.7	-2.2				
	TP ₁	24.0	+26.3°	21.5	10.6		227	-14.7	-15.7				
	TP ₁	AK 90-12	17.7	+26.3	15.9	7.8	1581.2	227	-10.8	-11.6	93,501.6	56,968.7	AK 90-12
						1506.5				93,419.6	57,079.1		
96E,106E	90-43	45.0	-13.2°	43.8	-10.3		144°	-35.4	25.7				
	AK 90-13	3.5	0	3.5	0	1496.2	227°	-2.4	-2.6	93,381.8	57,102.2	AK 90-13 ??	
						1635.7				93,689.8	56,859.9		
100N,100E	AK 89-4	71.2	-17.9°	67.8	-21.9	1613.8	84.5°	6.5	67.5	93,696.3	56,927.4	AK 89-4	
						1581.2				93,501.6	56,968.7		
AK 90-12	90-40	32.9	+22.2°	30.5	12.4		227°	-20.8	-22.3				
	-41	20.8	+25.0°	18.8	8.8		227°	-12.8	-13.7				
	-42	14.0	+29.3°	12.2	6.8	1609.2	227°	-8.3	-8.9	93,459.7	56,923.8	Site 90-14	
						1560.9				93,524.4	56,998.2		
98N,100E	90-44	26.6	-20.5°	24.9	-9.3	1551.6	037°	19.9	15.0	93,544.3	57,013.2	Gully	
	Tr J	42.8	+26.5°	38.3	+19.1	1570.7	348°	37.5	-8.0	93,581.8	57,005.2	Trench ✓	
						1613.8				93,696.3	56,927.4		
AK 89-4	90-46	44.0	+21.0°	41.1	+15.8		047°	38.0	30.0				
	AK 89-2	31.8	+9.5°	31.4	5.2	1634.8	37°	25.1	18.9	93,759.4	56,976.3	AK 89-2	
	Δ 89-62	32.1	+16.0°	30.8	8.8	1643.6	45°	21.8	21.8	93,781.2	56,998.1	Δ 89-62	
						1613.8				93,696.3	56,927.4		
AK 89-4	90-39	18.2	0°	18.2	0	1613.8	127°	-11.0	14.5				
	AK 89-9	13.5	-17.9°	12.8	-4.1	1609.7	124.5°	-7.2	10.5	93,678.1	56,952.4	Δ 89-9	
AK 89-4		22.8	+22°	21.1	8.5		227°	-14.4	-15.4				
		10.9	+5.7°	10.8	1.1		227°	-7.4	-7.9				
		12.5	-13.8°	12.1	-3.0		227°	-8.2	-8.8				
	9960N 100E	11.0	+11.2°	10.8	2.1		227°	-7.4	-7.9	93,658.9	56,887.4	9960N, 100E ?	

STA,	FS	SD	VA	HD	VD	ELEV	AZ	ΔN	ΔE	N	E
		m		m	m	m	UTM	m	m		
96N, 100E	90-47	64.4	+16°	61.9	17.8	1512.0	219°	-48.1	-39.0	93329.1	57,085.7
90-47	^{AK} 90-15	22.5	+187°	21.3	7.2	1519.2	228°	-14.2	-15.8	93314.9	57,069.6 90-15
96N, 100E	^{AK} 90-13	7.6	+96°	7.5	1.3	1495.5	298°	3.5	-6.6	93380.7	57,118.1 90-13 ✓

Alcock 1990 DDH sections 1:500

	Hole #	Other holes	E-W cm	Vert cm	Sec N	
200 m, 1450-1250	90-10	-	20	32	9400 N ✓	
300 m, 1650-1350	90-11	89-3, 4, 2	30	60	9960 N ✓	@ 1:500 = 50 cm
	90-12		20	26		@ 1:5000 = 25.000 m = 5 cm
	90-13		28	24		
250 m, 1650-1400	90-14	90-12	50	42	9800 N ✓	
150 m, 1550-1400	90-15	90-13	40	30	9600 N ✓	
	89-5		27	30	Add ^{al} assays	

60 cm x 60 cm.

ALCOCK - GEOCHEM 1990 (Pb, Zn)

116 N 91E-95E
 118 N 92E-95E
 120 N 92E-96E
 122 N 92E-100E

Topo profiles - Alcock.

9960N		9863N		9800N		9600N		9400N	
Elev.	Easting	Elev.	E	Elev.	E	Elev.	E	Elev.	E
1700	9850	1680	9803	1640	9826	1560	9813	1460	9811
1680	9887	1660	9837	1620	9866	1540	9882	1440	9890
1660	9917	1640	9879	1600	9898	1520	9945	1440	10184
1640	9966	1620	9917	1580	9965	1500	10052	1460	10367
1640	10113	1600	9971	1580	10072	1500	10065		
1660	10147	1600	10067	1600	10129	1520	10244		
1660	10176	1620	10113	1620	10178				
1640	10226	1640	10157	1640	10236				

9960N		9863N		9800N		9600N		9400	
Elev.	E	Elev.	E	Elev.	E	Elev.	E	Elev.	E
1660	9917	1620	9917	1600	9910	1520	9916	1460	9811
1640	9966	1600	9965	1580	9965	1500	9982	1440	9890
1620	10042	1580	10026	1560	10005	1500	10102	1440	10184
1620	10062	1580	10043	1560	10045	1520	10245	1460	10367
1640	10140	1600	10081	1580	10077				
1660	10172	1620	10114	1600	10130				
1660	10180	1640	10157	1620	10178				
		1660	10194						