

**LEGEND**  
**P** PIEZOMETER INSTALLED  
**S** OVERBURDEN LOGGED  
**T** PACKER PERMEABILITY TESTS CARRIED OUT

BASE DRAWING NO. HK-102C PROVIDED BY CROWS NEST RESOURCES LTD.

**238**

AS A MUTUAL PROTECTION TO OUR CLIENT THE PUBLIC AND OURSELVES ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND OR PUBLICATION OF DATA STATEMENTS CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED REQUIRING OUR WRITTEN APPROVAL

TO BE READ WITH KLOHN LEONOFF REPORT DATED _____		REV. DATE		REVISION DETAILS	
SCALE:	100 0 100 300 500	DESIGN	DRAWN	DATE	SCALES
		PROJECT TELKWA COAL PROJECT			
CLIENT: CROWS NEST RESOURCES LTD.		TITLE: SITE PLAN		19	
DATE OF ISSUE: DEC - 6 1982	PROJECT NO. PA 1692	DWG. NO. D-1692-01.1	REV.		

L 243 L 244  
CL. 5306 CL. 4281

**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
3131	20cm Spike	6058621.86	618859.98	718.21	718.3
3129	20cm Spike	6058617.83	618842.77	728.73	728.8
3168	20cm Spike	6058998.38	618821.63	731.85	732.0
3166	20cm Spike	6059308.24	618774.92	761.69	761.8
3161	20cm Spike	6059557.15	618778.63	780.92	781.0
3159	20cm Spike	6059711.04	618754.79	783.98	784.0
3158	DH 218 and Target	6059835.33	618791.87	799.62	799.6
3175	20cm Spike	6059836.47	618769.27	802.35	802.4
3156	20cm Spike	6059838.36	618296.68	856.77	856.9
3153	20cm Spike	6059780.71	617895.75	893.84	893.9
3151	20cm Spike	6059849.10	617700.02	917.75	917.9
3150	20cm Spike	6059888.42	617509.90	934.02	934.1
1609	75cm IP	6060072.24	617193.40	973.21	973.2
3147	20cm Spike	6059602.22	617142.93	905.10	905.1
1616-2064	DH 111 and Target	6057981.03	616496.76	787.36	787.36
1617	75cm IP	6057977.11	616526.48	786.71	786.71
3163	DH 216	6059476.90	618566.75	786.19	786.30
3126	DH 217	6059047.89	618467.99	766.92	766.90

**SURVEY STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
1627	20cm Spike	6055164.04	622168.27	695.41
Blitzen	Braz bolt	6041357.61	618115.61	2291.79
1523	75cm IP and Target	6051810.71	623433.52	1216.59
2659	75cm IP	6058638.33	619569.78	657.92
2950	75cm IP	6052838.20	622473.60	786.16

**PHOTO CONTROL POINTS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV	Tag 3158 DH 218 Target	6059835.33	618791.87	799.62	799.6
HV	Tag 1616-2064 DH 111 Target	6057981.03	616496.76	787.36	787.36

**DRILL HOLES 1982**

DRILL HOLE	TAG	NORTHINGS	EASTINGS	ELEVATIONS	GROUND ELEVATIONS
DH 218	3158	6059835.33	618791.87	799.62	799.6
DH 213	3149	6059650.04	617148.22	904.77	907.3
DH 214	3155	6059806.12	618179.73	866.34	866.5
DH 216	3163	6059476.90	618566.75	786.19	786.3
DH 217	3126	6059047.89	618467.99	766.92	766.9
DH 111	1616-2064	6057981.03	616496.76	787.36	787.36

**REFERENCE STATIONS**

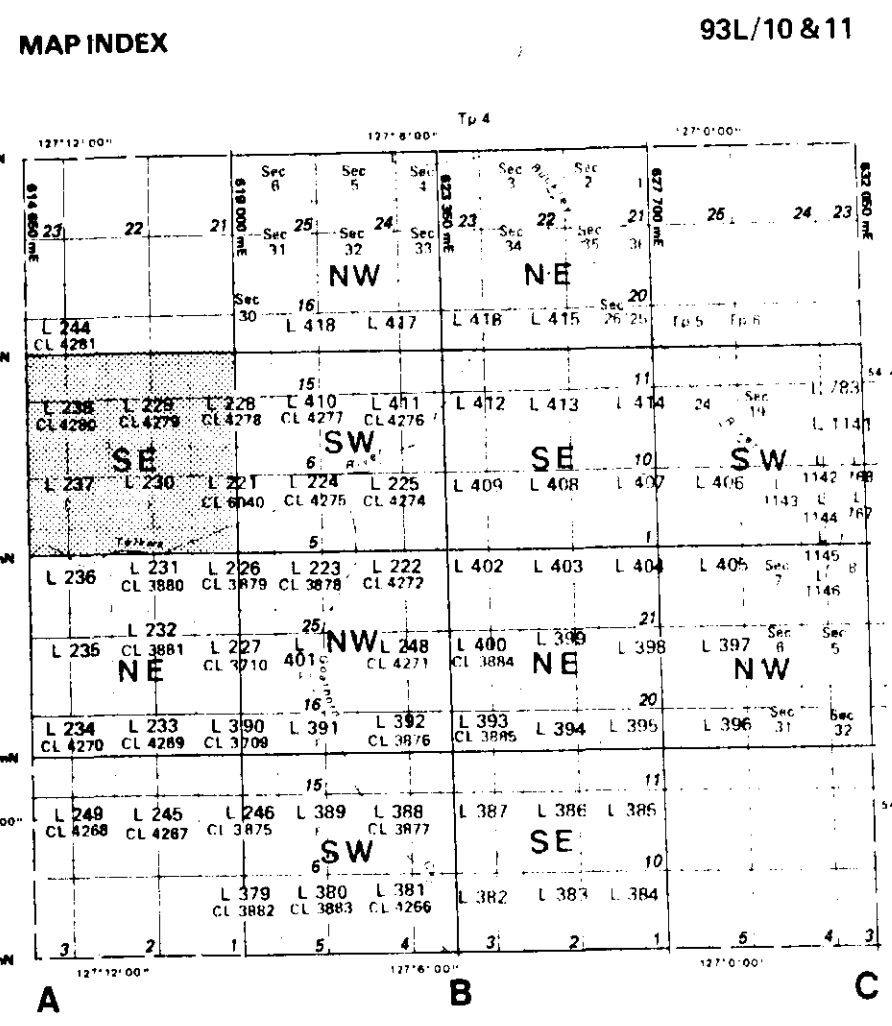
STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
3151	20cm Spike	47.45.05	12.024	917.75	917.9	6,059,848.10	617,700.02
	Tag 3152 in 30cm Pine			919.39	918.3	6,059,857.19	617,708.93
3153	20cm Spike	53.53.05	52.142	893.84	893.9	6,059,780.72	617,895.75
	Tag 3154 in 15cm Poplar			893.19	891.7	6,059,811.45	617,537.88
	Tag 3155 DH 214			866.34	866.5	6,059,806.12	618,179.73
3156	20cm Spike	84.53.19	285.107	856.78	856.9	6,059,838.37	618,296.69
	Tag 3155 DH 214			866.34	866.5	6,059,806.12	618,179.73
	Tag 3157			857.25		6,059,822.89	618,297.66
3158	Nail in Hub DH 218	254.35.08	121.356	799.62	799.6	6,059,835.33	618,791.87
	Tag 2650 IP			801.48	801.5	6,059,831.27	618,773.40
3159	20cm Spike	176.24.38	15.504	793.98	794.0	6,059,711.04	618,754.70
	Tag 3160 in 40cm Stump			795.02	794.6	6,059,711.34	618,746.90
3161	20cm Spike	272.08.44	7.899	780.92	781.0	6,059,557.15	618,778.63
	Tag 3162 corner of shack			783.16		6,059,580.63	618,783.25
	Tag 3163 Nail			786.19	786.3	6,059,476.90	618,656.75
3166	20cm Spike	236.38.04	145.87	761.69	761.8	6,059,308.24	618,774.92
	Tag 3167 in 25cm Willow			764.88	763.2	6,059,065.81	618,483.50
3168	20cm Spike	40.53.07	23.699	731.85	732.0	6,058,998.38	618,821.64
	Tag 3126 DH 217			766.92	766.9	6,059,047.89	618,467.99
	Tag 3169 in 40cm Birch			734.62	732.2	6,058,974.18	618,813.45
3129	20cm Spike	277.58.11	387.071	728.73	728.8	6,058,817.93	618,842.77
	Tag 3130 in 3cm Willow			729.99	729.3	6,058,822.17	618,841.07
3131	20cm Spike	198.40.29	25.568	718.21	718.3	6,058,621.86	618,859.99
	Tag 3132 in 10cm Poplar			719.38	717.9	6,058,615.11	618,860.80
3147	20cm Spike	173.06.35	6.805	905.10	905.1	6,059,602.22	617,142.93
	Tag 3148 in 10cm Spruce			906.41	904.8	6,059,595.79	617,144.29
	Tag 3149 DH 213			907.77	907.3	6,059,650.04	617,149.32
3163	Nail in Hub DH 216	188.04.09	6.575	786.19	786.3	6,059,476.90	618,656.75
	Tag 3164 in 10cm Willow			789.06	787.4	6,059,497.31	618,664.73
	Tag 3165 in 15cm Willow			789.06		6,059,476.75	618,636.54
3126	Nail in Hub DH 217	21.21.21	21.914	766.92	766.9	6,059,047.89	618,467.99
	Tag 3128 in 20cm Poplar			768.88	767.38	6,059,065.81	618,483.50
	Tag 3127 in 25cm Poplar			771.35	769.95	6,059,064.09	618,445.15

L 239 L 238  
CL. 5305 CL. 4280

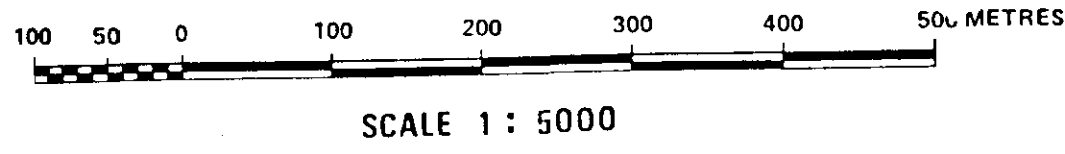
L 237  
FREEHOLD

L 230  
FREEHOLD

L 221  
L 231 L 226  
CL. 3880 CL. 3879



- LEGEND**
- NAIL
  - × 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
  - ▲ 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
  - ◆ COMPASS TRAVERSE POINT



**NOTES**

DETAILS ARE NOT TO SCALE.

ELEVATIONS are on Geodetic Datum and are derived by reciprocal Trigonometric levelling from bench marks 79HA 362, 364, 366, 369, 372, and 244A

CO-ORDINATES are on UTM (Zone 9) grid and are derived from Government Stations "AMIGO", "BLITZEN", "BULKLEY", "CREEK", "MUCHO", "PABLO", "P. CON. 18", "POWER", & "TACK"

LOT LINES APPROXIMATE ONLY

238

Tk-Tellus B(4)B

**Crows Nest Resources Limited**  
EXPLORATION

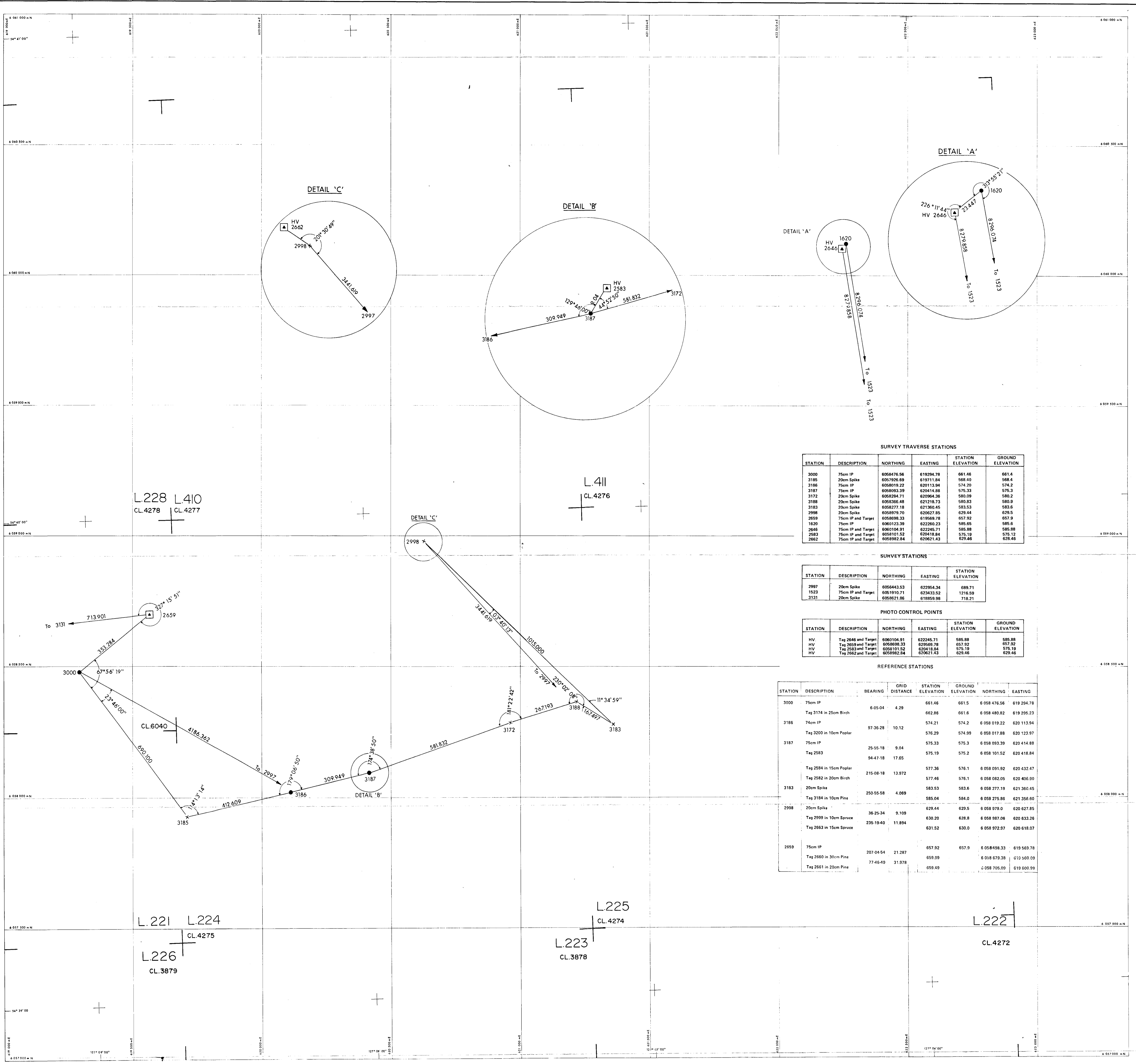
WEST CENTRAL, B.C.  
TELKWA

TRAVERSE SURVEY MAP

20

SHEET No. A2 SE  
U.T.M. ZONE 9

N.T.S. 93L/11	SCALE: 1:5 000	DRAWN BY:
AUTHOR: DE WATSON B.C.L.S.	REVISED:	
DATE: 82-11-22		DRAWING No: TW2V1
To Accompany		



**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
3000	75cm IP	6068476.56	619294.78	661.46	661.4
3185	20cm Spike	6067926.69	619711.84	568.40	568.4
3186	75cm IP	6068019.22	620113.94	574.20	574.2
3187	75cm IP	6068093.39	620414.88	575.33	575.3
3172	20cm Spike	6068284.71	620964.38	580.09	580.2
3188	20cm Spike	6068366.48	621218.13	580.63	580.9
3183	20cm Spike	6068277.18	621360.45	583.53	583.6
2998	20cm Spike	6068979.70	620627.85	629.44	629.5
2659	75cm IP and Target	6068098.33	619569.18	657.92	657.9
1620	75cm IP	6060123.39	622260.23	585.65	585.6
2646	75cm IP and Target	6060104.91	622245.71	585.88	585.88
2662	75cm IP and Target	6068101.52	620418.84	575.19	575.12
2662	75cm IP and Target	6068982.84	620621.43	629.46	629.46

**SURVEY STATIONS**

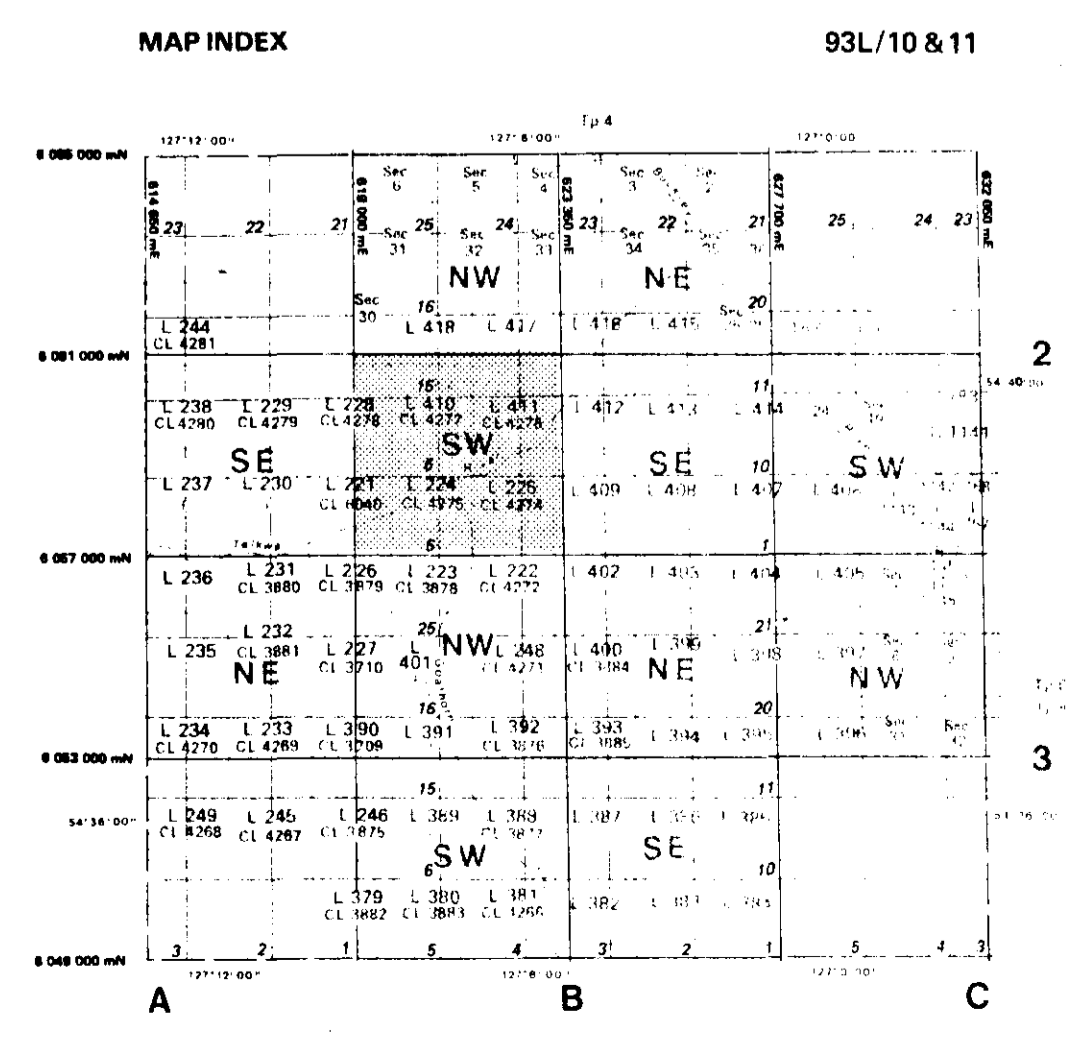
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
2997	20cm Spike	6066443.53	622954.34	689.71
1523	75cm IP and Target	6061910.71	623433.52	1216.59
3131	20cm Spike	6068621.86	618859.98	716.21

**PHOTO CONTROL POINTS**

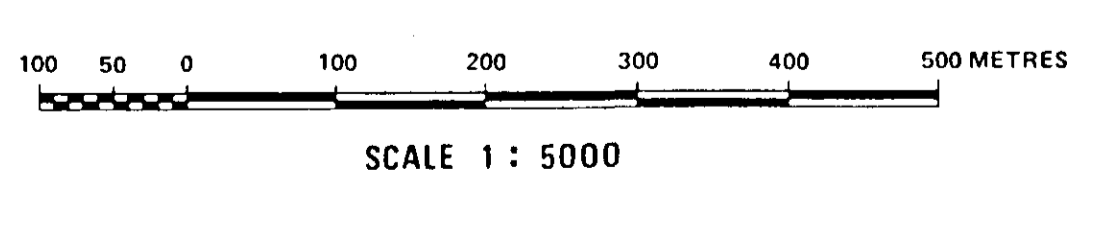
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV	Tag 2646 and Target	6060104.91	622245.71	585.88	585.88
HV	Tag 2659 and Target	6068098.33	619569.18	657.92	657.92
HV	Tag 2662 and Target	6068101.52	620418.84	575.19	575.12
HV	Tag 2662 and Target	6068982.84	620621.43	629.46	629.46

**REFERENCE STATIONS**

STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING	
3000	75cm IP		6 05 04	4 29	661.46	661.5	6 058 476.56	619 294.78
	Tag 3174 in 25cm Birch				662.86	661.6	6 058 480.82	619 295.23
3186	74cm IP		97 36 28	10 12	574.21	574.2	6 058 019.22	620 113.94
	Tag 3200 in 10cm Poplar				576.29	574.99	6 058 017.88	620 123.97
3187	75cm IP		25 55 18	9 04	575.33	575.3	6 058 093.39	620 414.88
	Tag 2583		94 47 18	17 65	575.19	575.2	6 058 101.52	620 418.84
	Tag 2584 in 15cm Poplar				577.36	576.1	6 058 091.92	620 432.47
	Tag 2582 in 20cm Birch		215 08 18	13 972	577.46	576.1	6 058 082.05	620 406.90
3183	20cm Spike				583.53	583.6	6 058 277.19	621 360.45
	Tag 3184 in 10cm Pine		250 55 58	4 089	585.04	584.0	6 058 275.86	621 356.60
2998	20cm Spike				629.44	629.5	6 058 979.0	620 627.85
	Tag 2999 in 10cm Spruce		36 25 34	9 109	630.20	628.8	6 058 987.06	620 633.26
	Tag 2663 in 15cm Spruce		235 19 40	11 894	631.52	630.0	6 058 972.97	620 618.07
2659	75cm IP				657.92	657.9	6 058 698.33	619 569.78
	Tag 2660 in 30cm Pine		207 04 54	21 287	659.99	658.0	6 058 679.38	619 560.09
	Tag 2661 in 20cm Pine		77 46 49	31 978	659.49	659.0	6 058 705.09	619 600.99



- LEGEND**
- o NAIL
  - x 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - ▲ CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
  - ▲ 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
  - ◆ COMPASS TRAVERSE POINT



**NOTES**

DETAILS ARE NOT TO SCALE.

ELEVATIONS are on Geodetic Datum and are derived by reciprocal Triangometric levelling from bench marks 79HA 362, 364, 366, 369, 372, and 244A

COORDINATES are on UTM (Zone 9) grid and are derived from Government Stations "AMIGO", "BLITZEN", "BULKLEY", "CREEK", "MUCHO", "PABLO", "P. CON. 18", "POWER", & "TACK"

LOT LINES APPROXIMATE ONLY

238

Tel: Telkwa 82(2)A

**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

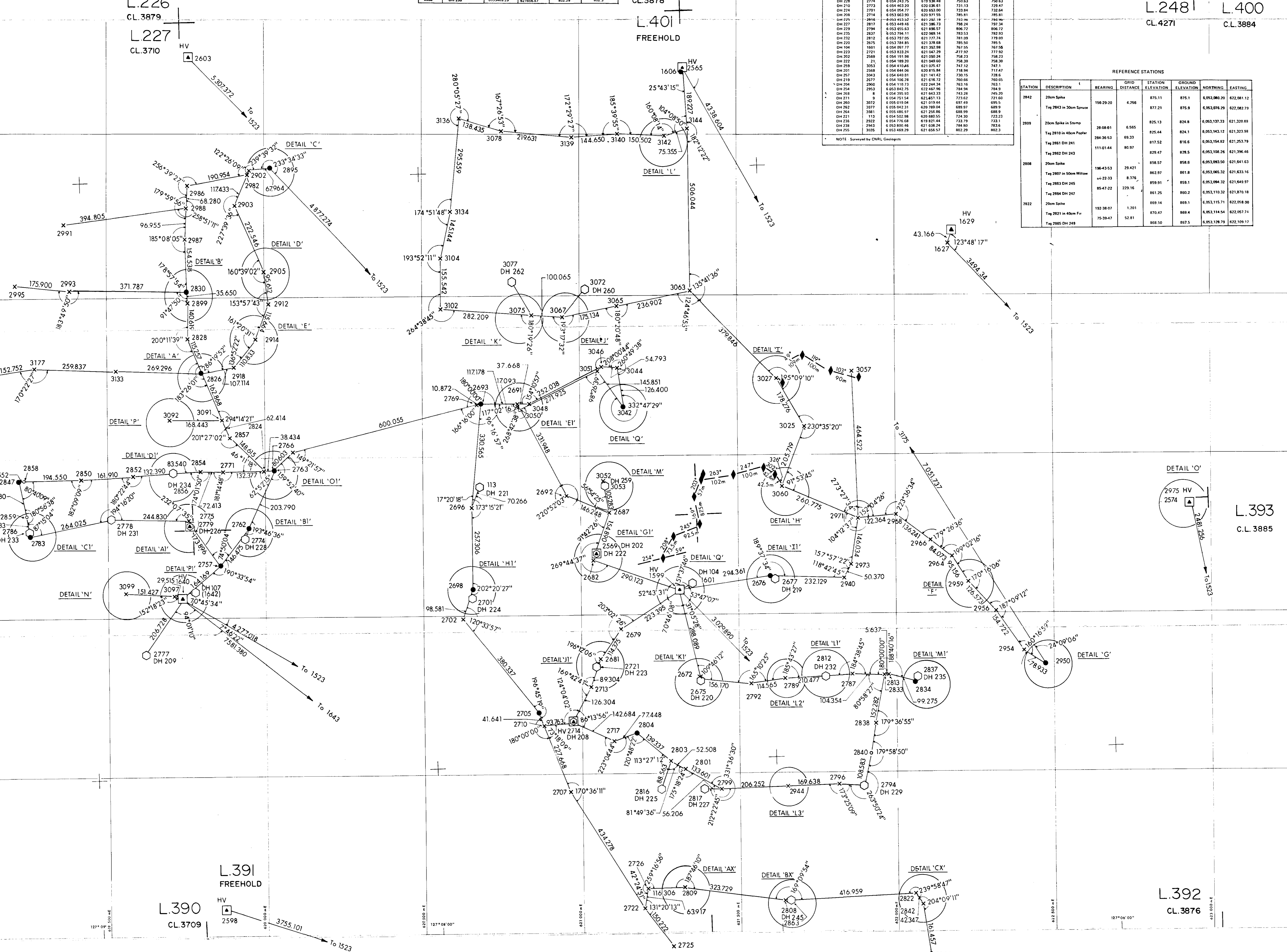
TRAVERSE SURVEY MAP

21

SHEET No. B2 SW  
U.T.M. ZONE 9

AUTHOR: DE WATSON BCLIS	SCALE: 1:5000	DRAWN BY:
DATE: 82.11.22	REVISED:	DRAWING NO: TW2V4
To Accompany		

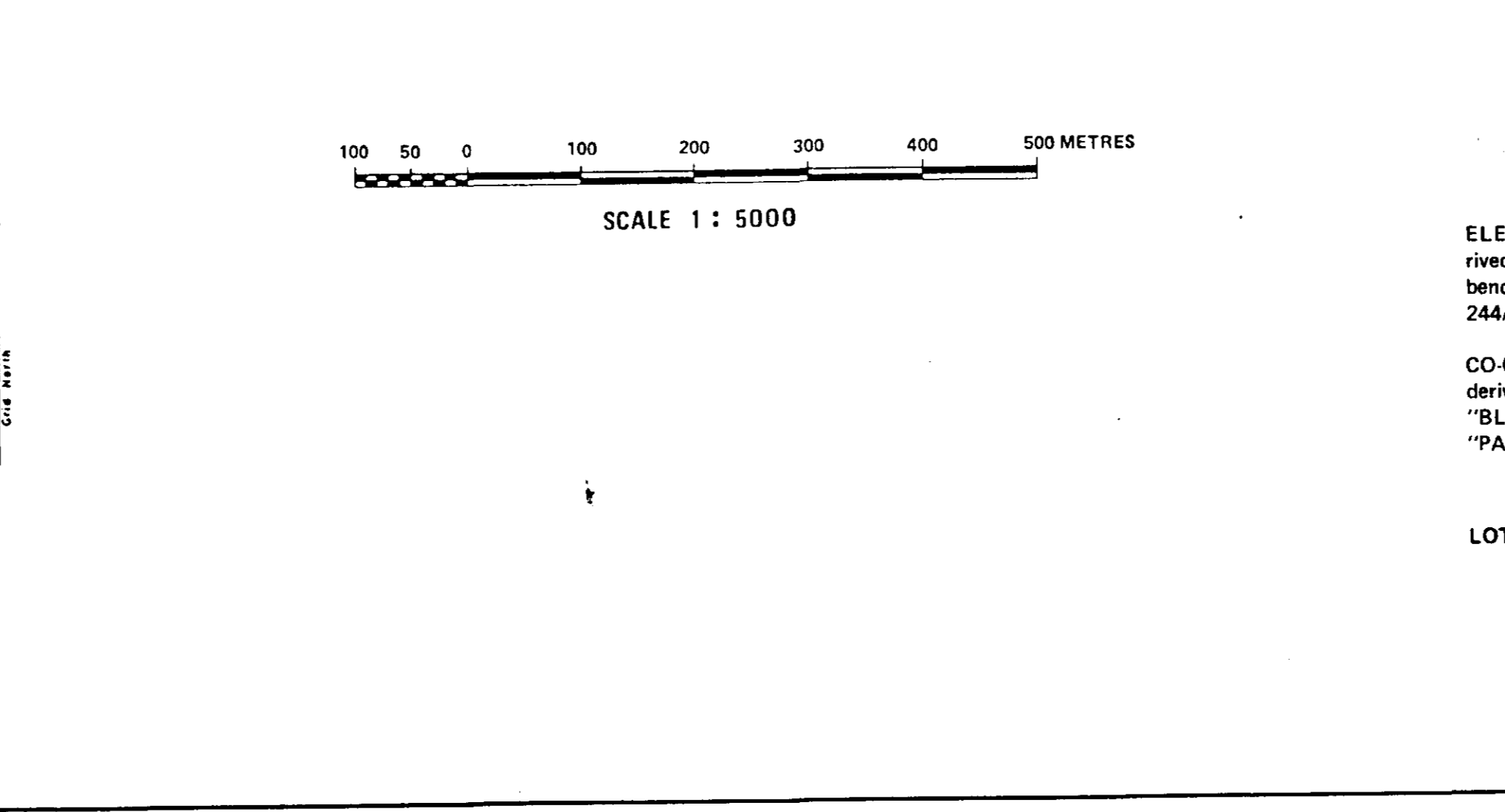
SURVEY TRAVERSE STATION					SURVEY TRAVERSE STATION					SURVEY TRAVERSE STATION					SURVEY TRAVERSE STATION					SURVEY STATIONS				
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION	STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION	STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION	STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION	
2842	20cm Spike	6053080.20	622081.12	875.11	875.1	2852	20cm Spike	6054448.87	619878.15	755.41	755.4	2813	20cm Spike	6053789.23	621767.66	743.26	743.2	3021	20cm Spike	6054398.93	621643.33	745.30	745.3	



MAP INDEX

1	2	3
A	B	C

- LEGEND**
- NAIL
  - 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
  - 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
  - COMPASS TRAVERSE POINT



**NOTES**

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LOT LINES APPROXIMATE ONLY

238

TK-Talko 82(2)

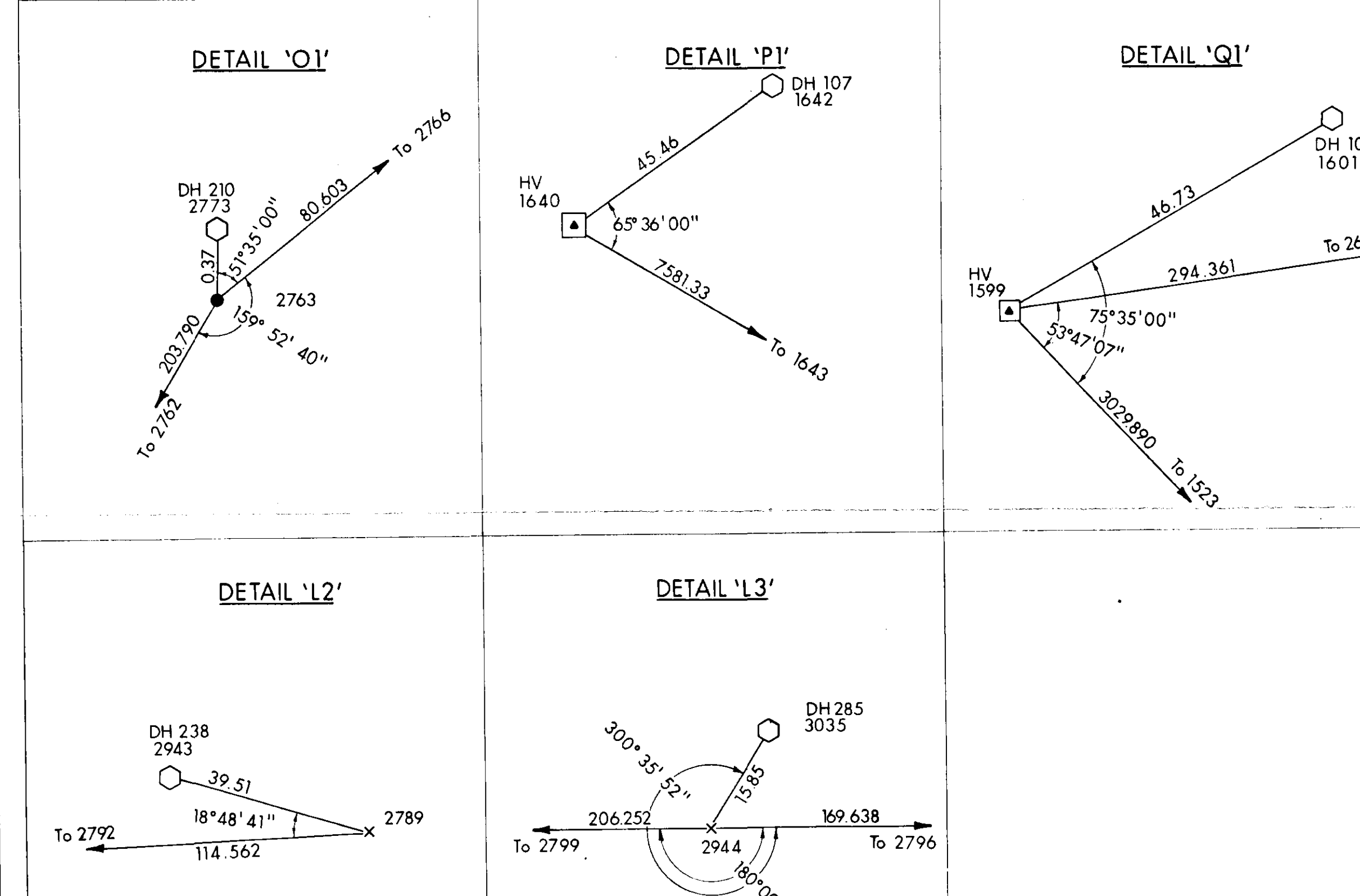
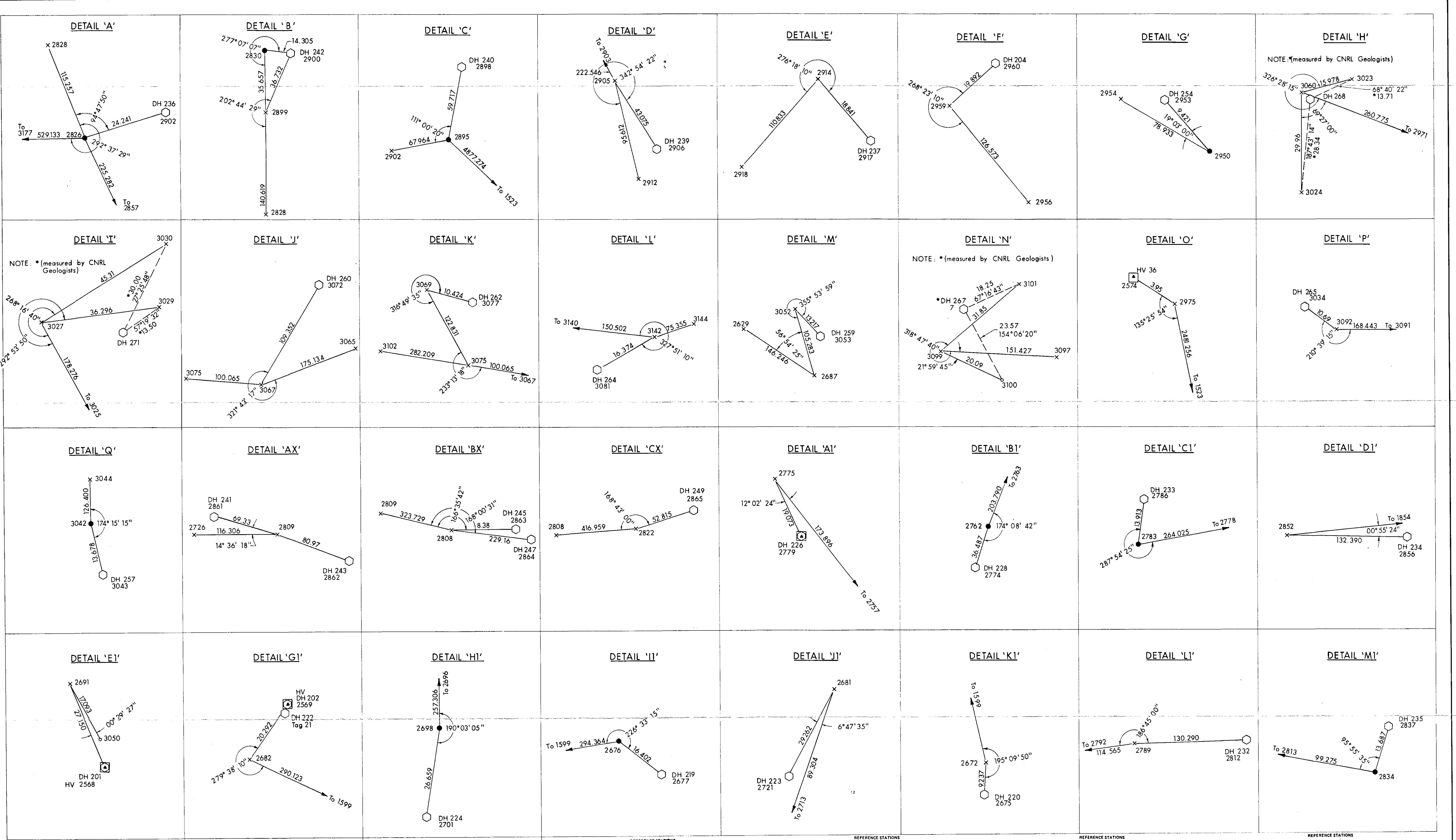
**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

**TRAVERSE SURVEY MAP**  
(SEE SHEET DWG. No.TW2V5A FOR DETAILS)

SHEET No. B3NW  
U.T.M. ZONE 9

N.T.S. 93L/11	AUTHOR: D.E. WATSON	SCALE: 1:5000	DRAWN BY:
DATE: 8/21/02	REVISED:	REVISIONS:	DRAWING No. TW2V5



STATION	DESCRIPTION	BEARING		GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION		NORTHING	EASTING
		TO	FROM			TO	FROM		
2758	Iron Nail at Top of DH 231	209.530	233.07	780.00	780.00	780.00	780.00	780.00	780.00
2759	20m Spike	137.943	233.17	780.00	780.00	780.00	780.00	780.00	780.00
2760	20m Spike	249.133	14.00	782.74	782.74	782.74	782.74	782.74	782.74

STATION	DESCRIPTION	BEARING		GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION		NORTHING	EASTING
		TO	FROM			TO	FROM		
2858	Iron Nail and Target	9.66	25.88	678.7	678.7	678.7	678.7	678.7	678.7
2859	20m Spike	196.48	11.81	677.46	677.46	677.46	677.46	677.46	677.46
2860	20m Spike	280.15	22.35	680.7	680.7	680.7	680.7	680.7	680.7

STATION	DESCRIPTION	BEARING		GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION		NORTHING	EASTING
		TO	FROM			TO	FROM		
2772	20m Spike	716.32	2.67	810.14	810.14	810.14	810.14	810.14	810.14
2773	20m Spike	163.38	16.43	811.18	811.18	811.18	811.18	811.18	811.18
2774	20m Spike	219.56	5.84	743.33	743.33	743.33	743.33	743.33	743.33

**NOTES**

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**LEGEND**

- NAIL
- × 20cm SPIKE
- TRENCH
- HOLE
- CONTROL POINT OF NETWORK (GOVT.)
- IRON POST
- 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST.
- ◆ COMPASS TRAVERSE POINT.

**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

# 238

**TRAVERSE SURVEY MAP**  
DETAIL SHEET

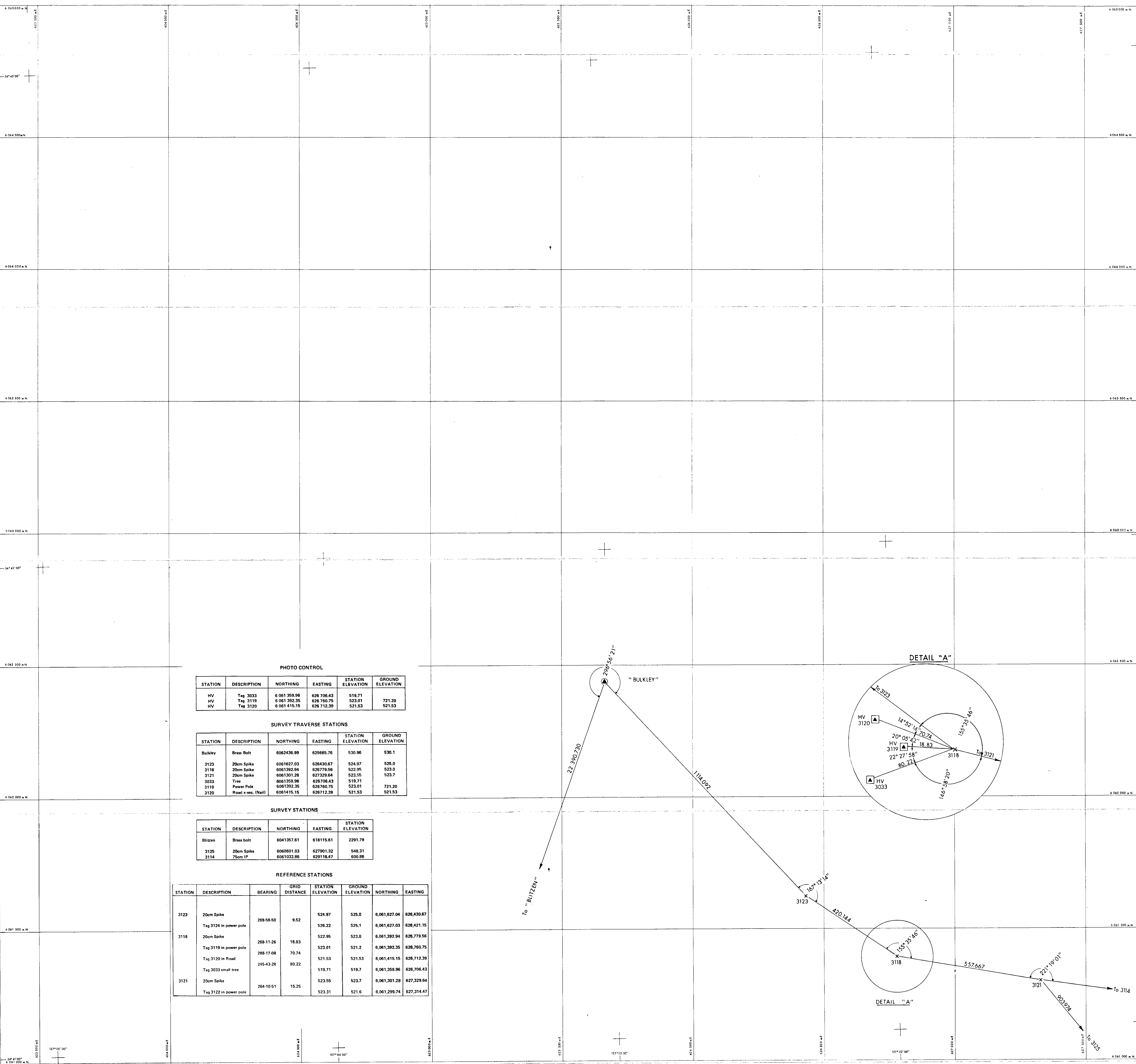
SHEET No. B3NW  
U.T.M. ZONE 9

N.T.S. 93L/11  
AUTHOR: DAVID WATSON, B.C.L.S.  
DATE: 02-11-22

SCALE: 1:5,000  
REVISED:

DRAWN BY: TW2V5A  
To: Accompany





**PHOTO CONTROL**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV	Tag 3033	6 061 359.96	626 706.43	519.71	721.20
HV	Tag 3119	6 061 392.35	626 760.75	523.01	521.53
HV	Tag 3120	6 061 415.15	626 712.39	521.53	521.53

**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
Bulkley	Brass Bolt	6062436.99	625665.76	530.96	530.1
3123	20cm Spike	6061627.03	626430.67	524.97	525.0
3118	20cm Spike	6061392.94	626779.56	522.95	523.0
3121	20cm Spike	6061301.28	627329.64	523.55	523.7
3033	Tree	6061359.96	626706.43	519.71	721.20
3119	Power Pole	6061392.35	626760.75	523.01	521.53
3120	Road x-sec. (Nail)	6061415.15	626712.39	521.53	521.53

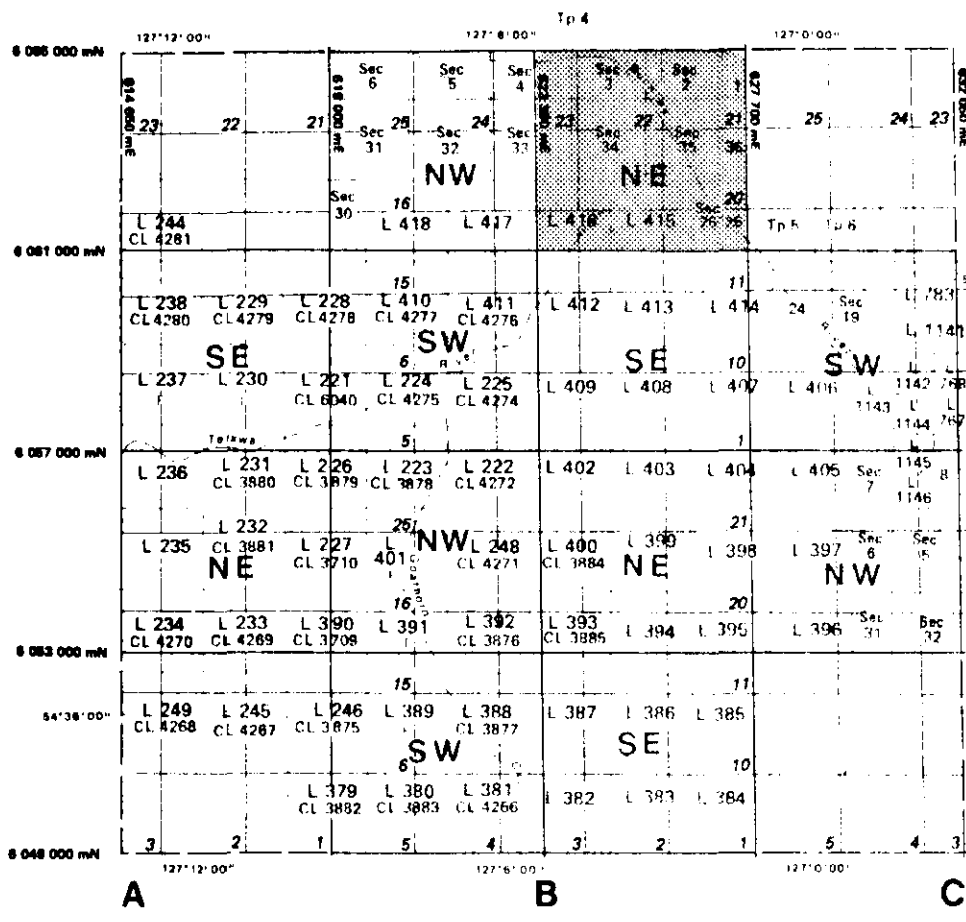
**SURVEY STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
Blitzen	Brass bolt	6041357.61	618115.61	2291.79
3125	20cm Spike	6060601.03	627901.32	548.31
3114	75cm IP	6061032.86	629188.47	600.86

**REFERENCE STATIONS**

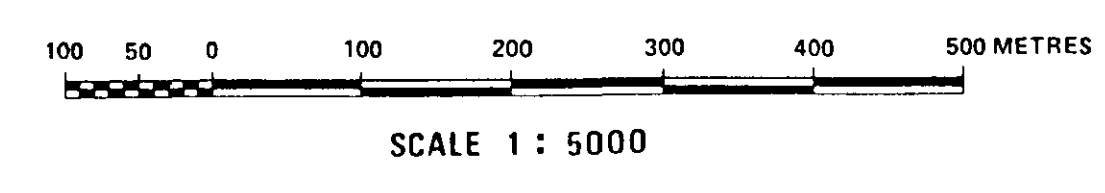
STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
3123	20cm Spike			524.97	525.0	6,061,627.04	626,430.67
	Tag 3124 in power pole	269-58-50	9.52	526.22	525.1	6,061,627.03	626,421.35
3118	20cm Spike			522.95	523.0	6,061,392.94	626,779.56
	Tag 3119 in power pole	268-11-26	18.83	523.01	521.2	6,061,392.35	626,760.75
	Tag 3120 in Road	288-17-08	70.74	521.53	521.53	6,061,415.15	626,712.39
	Tag 3033 small tree	245-43-28	80.22	519.71	519.7	6,061,359.96	626,706.43
3121	20cm Spike			523.55	523.7	6,061,301.28	627,329.64
	Tag 3122 in power pole	264-10-51	15.25	523.31	521.6	6,061,299.74	627,314.47

**MAP INDEX** 93L/10 & 11



**LEGEND**

- NAIL
- × 20cm SPIKE
- TRENCH
- DRILL HOLE
- ▲ CONTROL POINT OF NETWORK (GOV.)
- IRON POST
- 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
- ◆ COMPASS TRAVERSE POINT



**NOTES**

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 CO-ORDINATES are on UTM (Zone 9) grid and are derived from Government Stations "AMIGO", "BLITZEN", "BULKLEY", "CREEK", "MUCHO", "PABLO", "P. CON. 18", "POWER", & "TACK".

238

T.M. - Telkwa B2(9)D

**Crows Nest Resources Limited**  
EXPLORATION

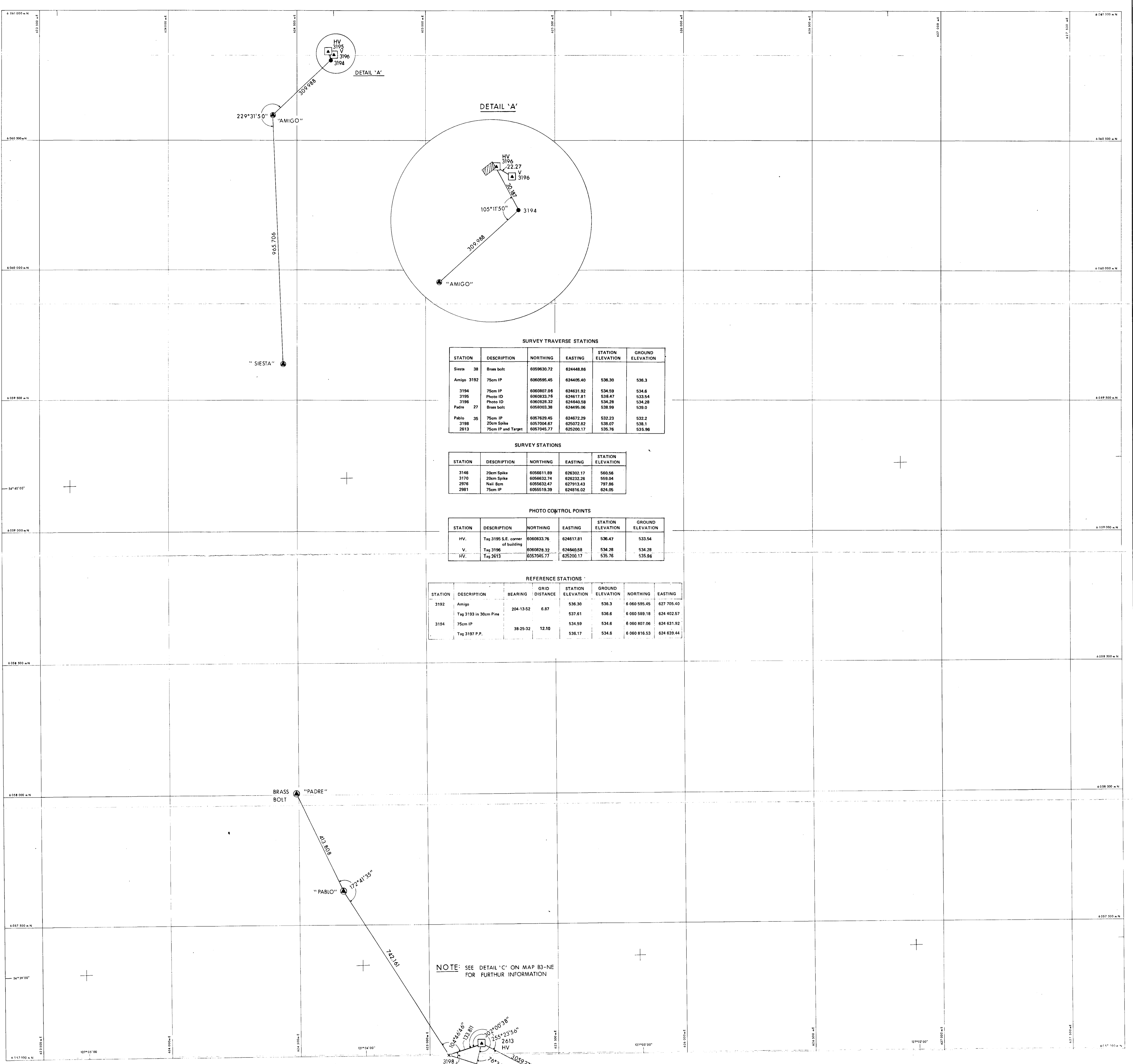
WEST CENTRAL, B.C.  
TELKWA

**TRAVERSE SURVEY MAP**

SHEET No. B2 NE  
U.T.M. ZONE 9

25

N.T.S. 93L/11	SCALE: 1 : 5 000	DRAWN BY:
AUTHOR: DE WATSON, B.C.L.S.	REVISED:	To: Accompany
DATE: 82.11.22		DRAWING No. TW2V7



**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
Siesta 38	Brass bolt	6059630.72	624448.86		
Amigo 3192	75cm IP	6060595.45	624405.40	536.30	536.3
3194	75cm IP	6060807.06	624631.92	534.59	534.6
3195	Photo ID	6060833.76	624617.81	536.47	533.54
3196	Photo ID	6060828.32	624640.58	534.28	534.28
Padre 27	Brass bolt	6058003.38	624495.06	538.99	539.0
Pablo 35	75cm IP	6057629.45	624672.29	532.23	532.2
3198	20cm Spike	6057004.67	625072.82	538.07	538.1
2613	75cm IP and Target	6057045.77	625200.17	535.76	535.96

**SURVEY STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
3146	20cm Spike	6055611.89	626302.17	560.56
3170	20cm Spike	6056632.74	626232.28	559.04
2976	Nail Run	6055632.17	627913.43	797.86
2981	75cm IP	6055519.39	624816.02	624.05

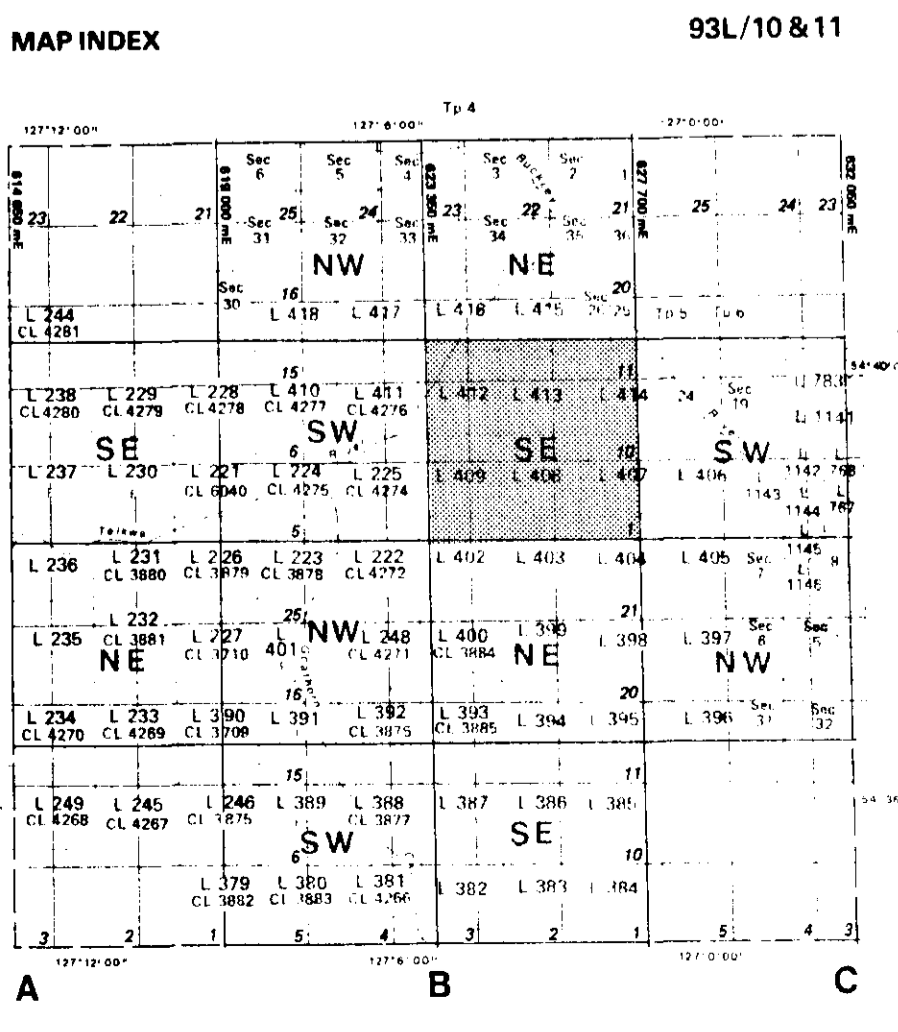
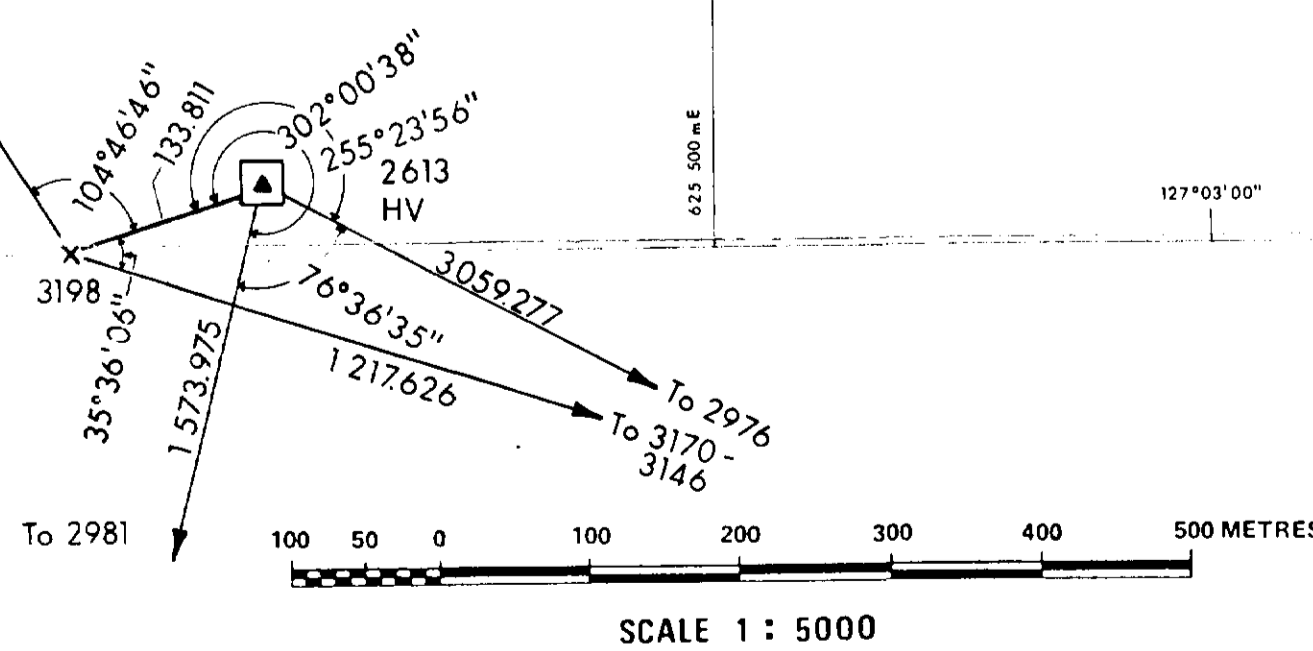
**PHOTO CONTROL POINTS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV.	Tag 3195 S.E. corner of building	6060833.76	624617.81	536.47	533.54
V.	Tag 3196	6060828.32	624640.58	534.28	534.28
HV.	Tag 2613	6057045.77	625200.17	535.76	535.96

**REFERENCE STATIONS**

STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
3192	Amigo	204-13-52	6.87	536.30	536.3	6 060 595.45	627 705.40
	Tag 3193 in 30cm Pine			537.61	536.6	6 060 989.18	624 402.67
3194	75cm IP	38-29-32	12.10	534.59	534.6	6 060 807.06	624 631.92
	Tag 3197 P.P.			536.17	534.6	6 060 818.53	624 639.44

NOTE: SEE DETAIL 'C' ON MAP B3-NE FOR FURTHER INFORMATION



- LEGEND**
- o NAIL
  - x 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
  - ▲ 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
  - ◆ COMPASS TRAVERSE POINT

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238

TW-Telkwa B2(C)A

**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

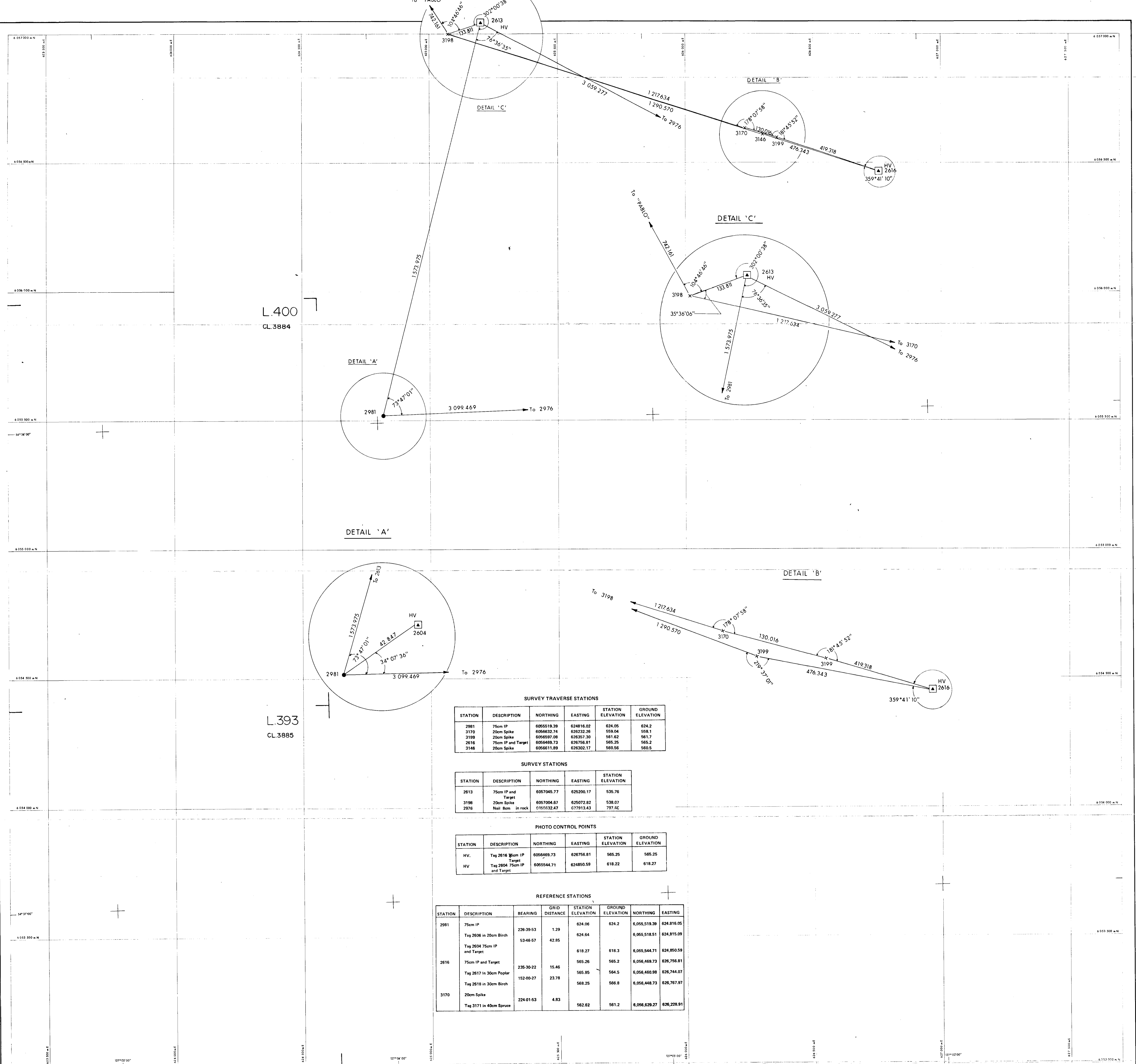
TRAVERSE SURVEY MAP

26

SHEET No. B2 SE  
U.T.M. ZONE 9

N.T.S. 93L/11		SCALE: 1:5 000		DRAWN BY:	
AUTHOR: D.E. WATSON B.C.L.S.		REVISOR:		DRAWING No: TW2V8	
DATE: 32-11-22		REVISED:		To: Accompany	





**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
2981	75cm IP	6055519.39	624816.02	624.05	624.2
3170	20cm Spike	6056632.74	626232.26	558.04	558.1
3198	20cm Spike	6056597.08	626357.30	561.62	561.7
2616	75cm IP and Target	6056469.73	626756.81	565.25	565.2
3146	20cm Spike	6056681.89	626302.17	560.56	560.5

**SURVEY STATIONS**

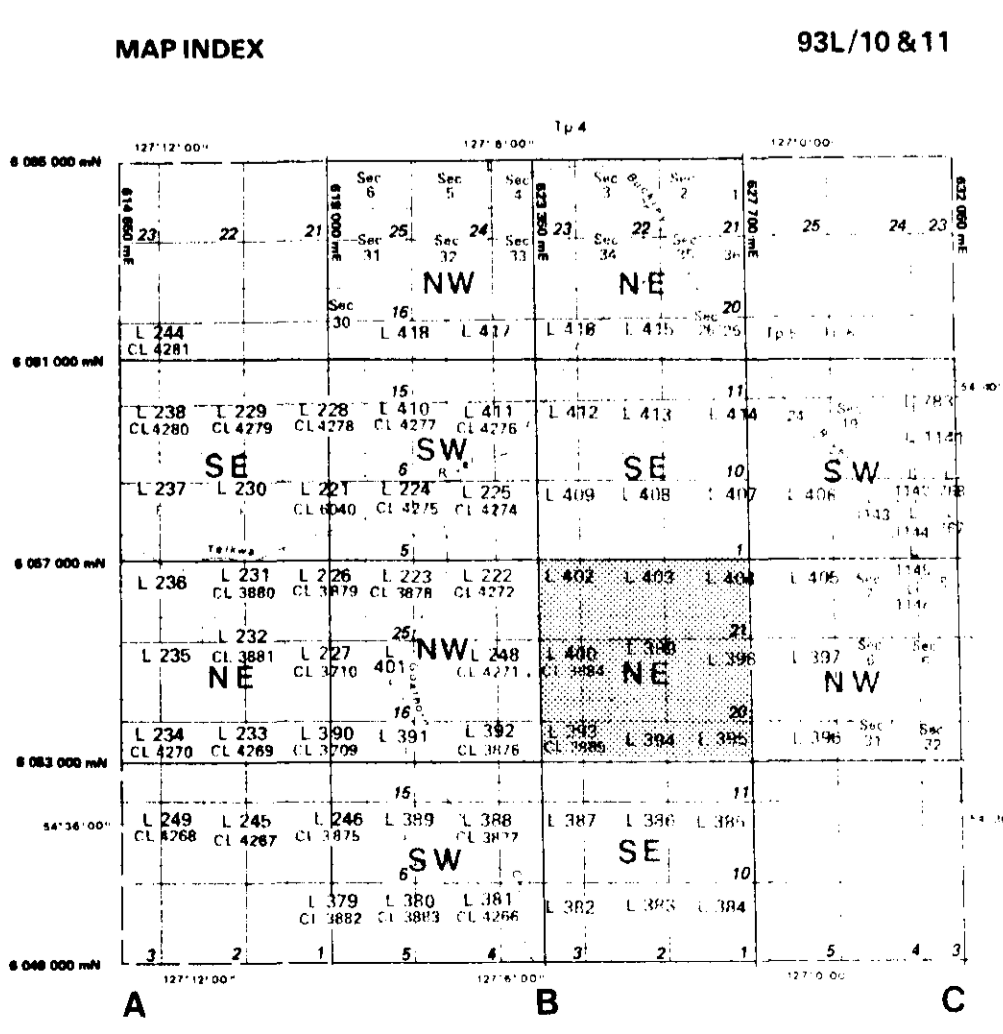
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
2613	75cm IP and	6057045.77	625200.17	535.76
3190	Target	6057004.67	625072.82	538.07
2976	Nail Rem in rock	6056532.42	627913.43	797.6C

**PHOTO CONTROL POINTS**

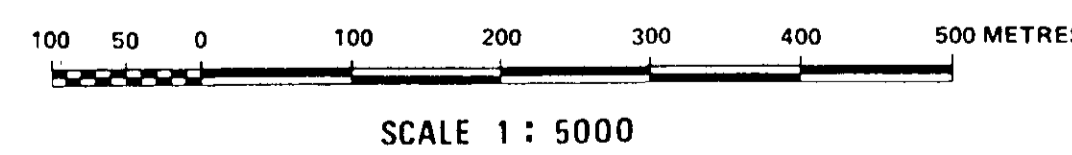
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV.	Tag 2616 75cm IP	6056469.73	626756.81	565.25	565.25
HV	Tag 2604 75cm IP and Target	6055544.71	624850.59	618.22	618.27

**REFERENCE STATIONS**

STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
2981	75cm IP		1.29	624.06	624.2	6,055,519.39	624,816.05
	Tag 2606 in 20cm Birch	226-39-53	42.85	624.64		6,055,518.51	624,815.09
	Tag 2604 75cm IP and Target	53-48-57		618.27	618.3	6,055,544.71	624,850.59
2616	75cm IP and Target		15.46	565.26	565.2	6,056,469.73	626,756.81
	Tag 2617 in 30cm Poplar	235-30-22		565.95	564.5	6,056,460.98	626,744.07
	Tag 2616 in 30cm Birch	152-00-27	23.78	566.25	566.8	6,056,448.73	626,767.97
3170	20cm Spike		4.83	562.82	561.2	6,056,629.27	626,228.91
	Tag 3171 in 40cm Spruce	224-01-53					



- LEGEND**
- NAIL
  - × 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - ⊙ CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
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  - ◆ COMPASS TRAVERSE POINT



**NOTES**

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LOT LINES APPROXIMATE ONLY

238

JK-Telkwa 82(3)A

**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

**TRAVERSE SURVEY MAP**

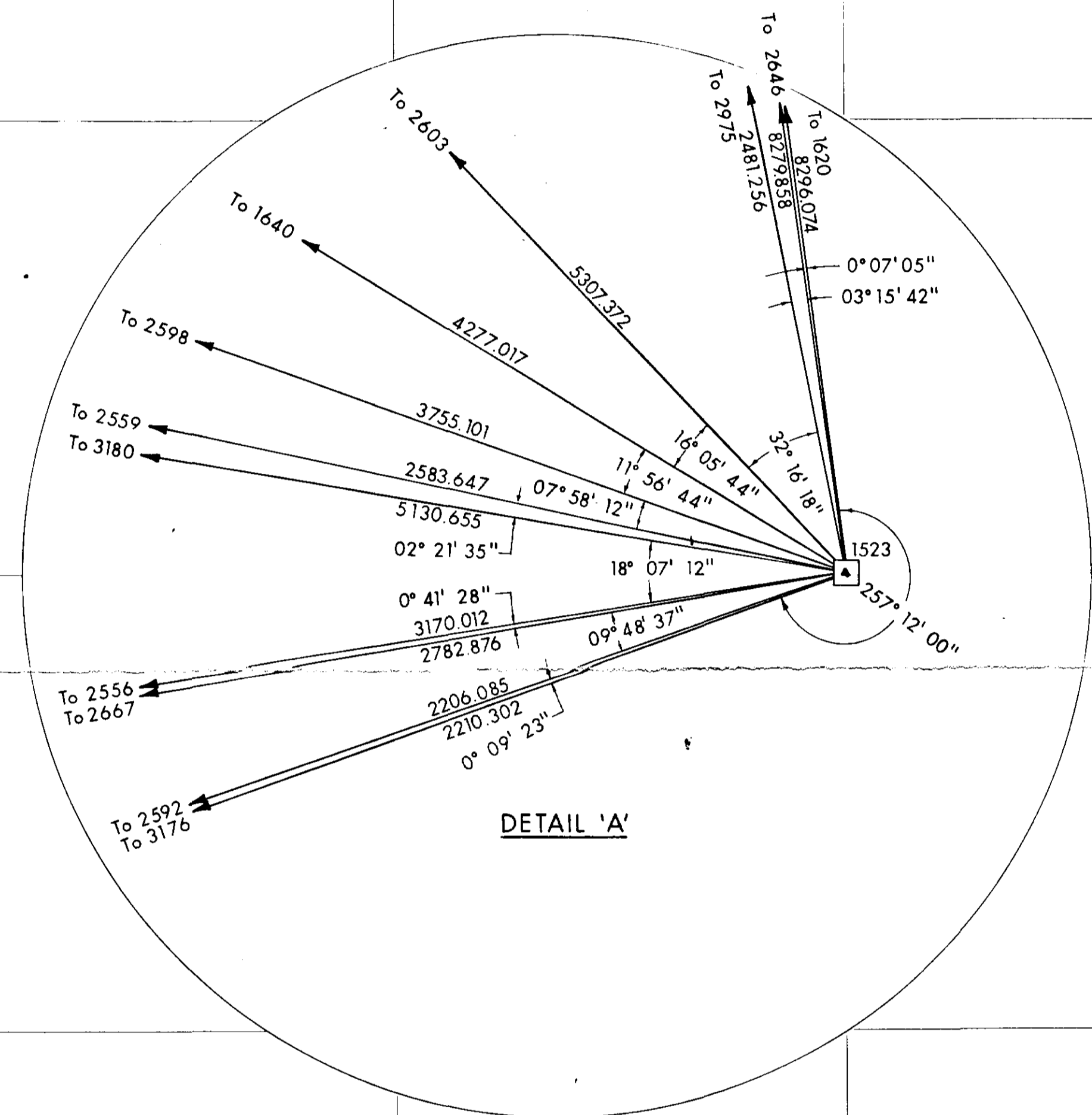
SHEET No. B3NE  
U.T.M. ZONE 9

N.T.S. 93L/11

AUTHOR: DE WATSON, B.C.L.S.	SCALE: 1:5000	DRAWN BY:
DATE: 82-11-22	REVISED:	DRAWING No: TW2V9
To Accompany:		

L.393  
CL.3885

1523  
DETAIL 'A'



**SURVEY TRAVERSE AND PHOTO CONTROL STATION**

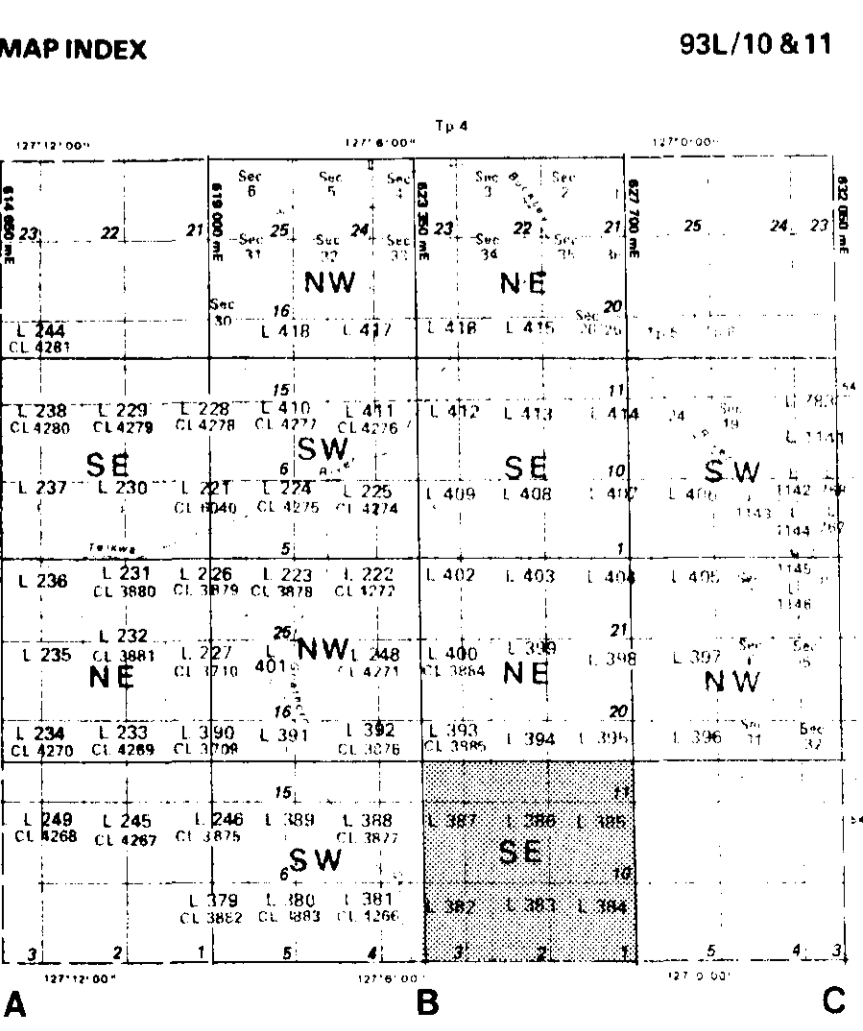
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
1523	75cm IP and Target	6051910.71	623433.52	1216.59	1216.15

**SURVEY STATIONS**

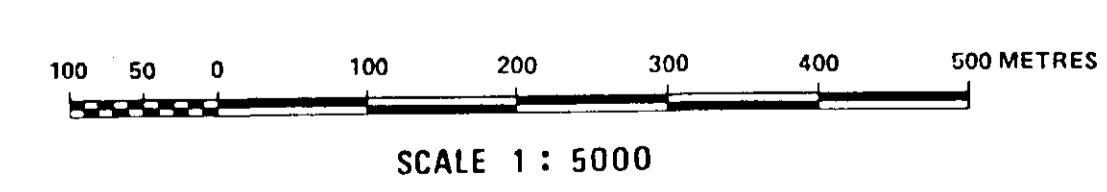
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
1620	75cm IP	6060123.39	622260.23	585.65
2646	75cm IP and Target	6050104.91	622245.71	585.88
2975	20cm Spike	6054342.06	622938.40	756.52
2603	HV 75cm IP and Target	6055742.52	619761.27	699.45
1640	75cm IP and Target	6054557.14	619734.10	760.39
2598	HV 75cm IP and Target	6053062.13	619865.81	792.94
2559	HV 75cm IP and Target	6052306.54	620990.76	779.92
3180	75cm IP and Target	6052611.21	618350.91	830.14
2556	HV 75cm IP and Target	6051345.39	620014.32	854.97
2667	HV 75cm IP and Target	6051381.44	620791.44	859.12
2552	HV 75cm IP and Target	6051128.25	621370.86	862.50
3176	8cm Nail	6051121.11	621369.65	853.66

**REFERENCE STATIONS**

STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
1523	75cm IP	198° 57' 28"	7.452	1216.59	1216.15	6,051,910.71	623,433.52
	Tag 1524 in 10cm Fir	108° 06' 42"	12.780	1216.34	1214.9	6,051,903.66	623,431.10
	Tag 1525 in 20cm Pine			1217.89	1216.6	6,051,906.74	623,445.67



- LEGEND**
- NAIL
  - × 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - CONTROL POINT OF NETWORK (GOV.)
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LOT LINES APPROXIMATE ONLY

238

Tx-Talkwa 891A1A

**Crows Nest Resources Limited**  
EXPLORATION

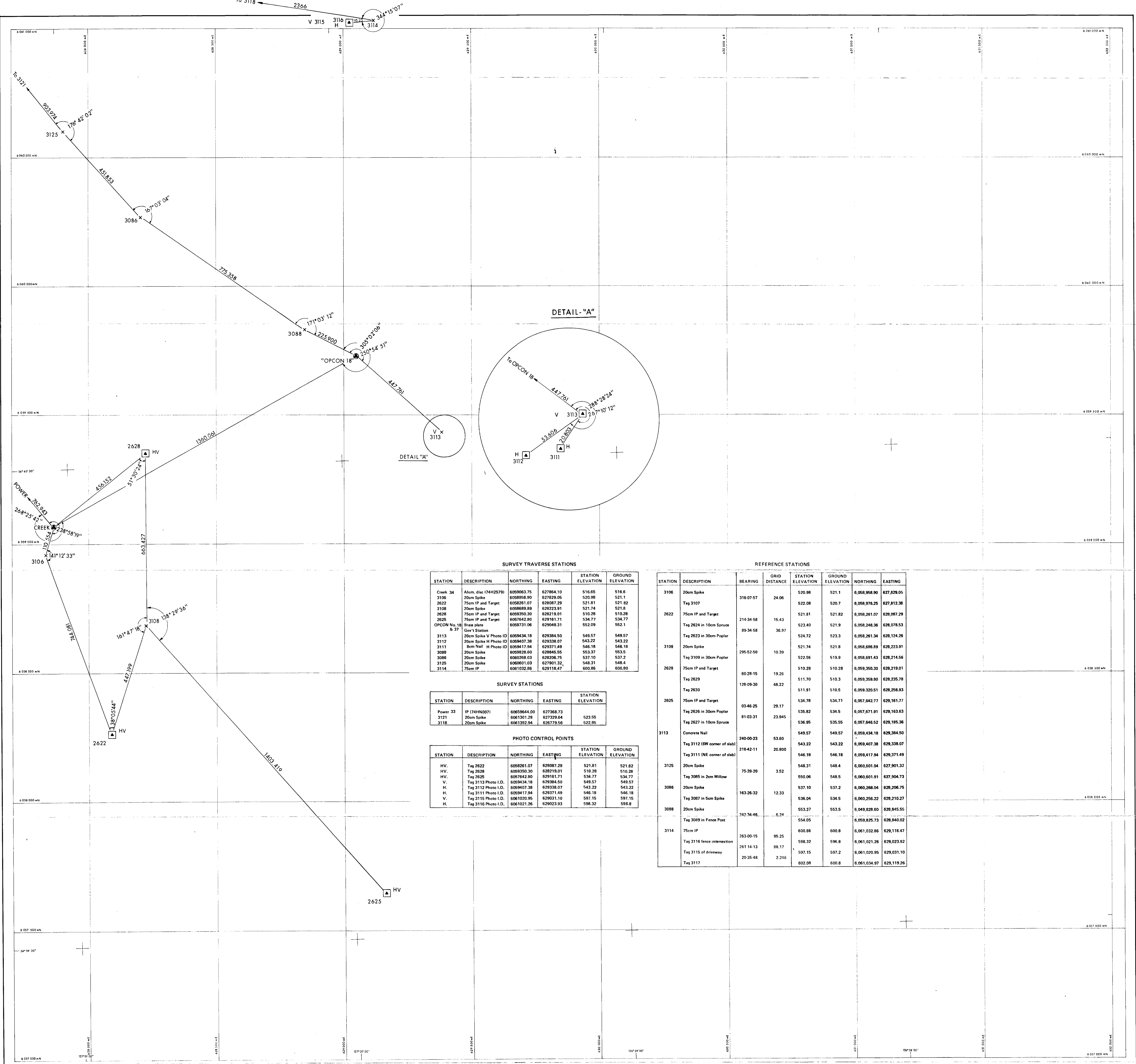
WEST CENTRAL, B.C.  
TELKWA

TRAVERSE SURVEY MAP

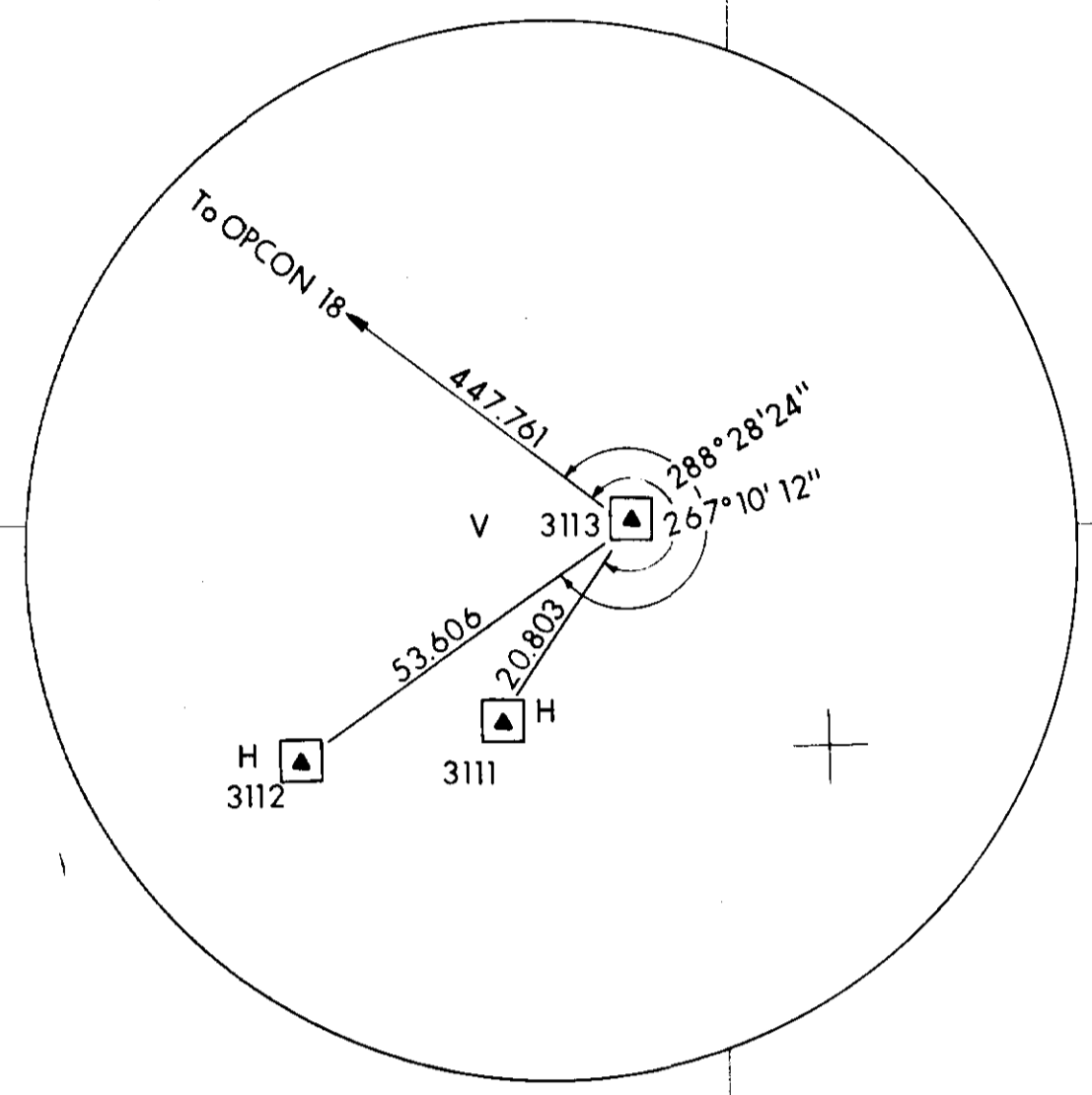
28

SHEET No. B3 SE  
U.T.M. ZONE 9

N.T.S. 93L/11	SCALE: 1:5 000	DRAWN BY:
AUTHOR: DE WATSON B.C.L.S.	REVISED:	DRAWING No: TW2V10
DATE: 8/11/22		To Accompany



DETAIL - "A"



SURVEY TRAVERSE STATIONS

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
Creek 34	Alum. disc (74H2579)	6059063.75	627864.10	516.65	516.6
3106	20cm Spike	6058998.90	627629.05	520.98	521.1
2622	75cm IP and Target	6056261.07	628697.29	521.81	521.82
3108	20cm Spike	6058689.89	628223.91	521.74	521.8
2628	75cm IP and Target	6059250.30	628219.01	510.28	510.28
2625	75cm IP and Target	6061642.80	629181.71	534.77	534.77
OPCON No. 18 & 37	Brass plate	6059731.06	629049.31	552.09	552.1
3113	Gov't Station	6059434.18	629384.50	549.57	549.57
3112	20cm Spike V Photo ID	6059407.38	629338.07	543.22	543.22
3111	8cm Nail H Photo ID	6059417.94	629371.49	546.18	546.18
3086	20cm Spike	6059228.60	628945.55	553.37	553.5
3088	20cm Spike	6060268.03	628206.75	537.10	537.2
3125	20cm Spike	6060601.03	627901.32	548.31	548.4
3114	75cm IP	6061032.86	629118.47	600.86	600.80

SURVEY STATIONS

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
Power 33	IP (74HN007)	60659644.00	627368.73	523.95
3121	20cm Spike	6061301.28	627229.64	523.95
3118	20cm Spike	6061392.94	626779.56	523.95

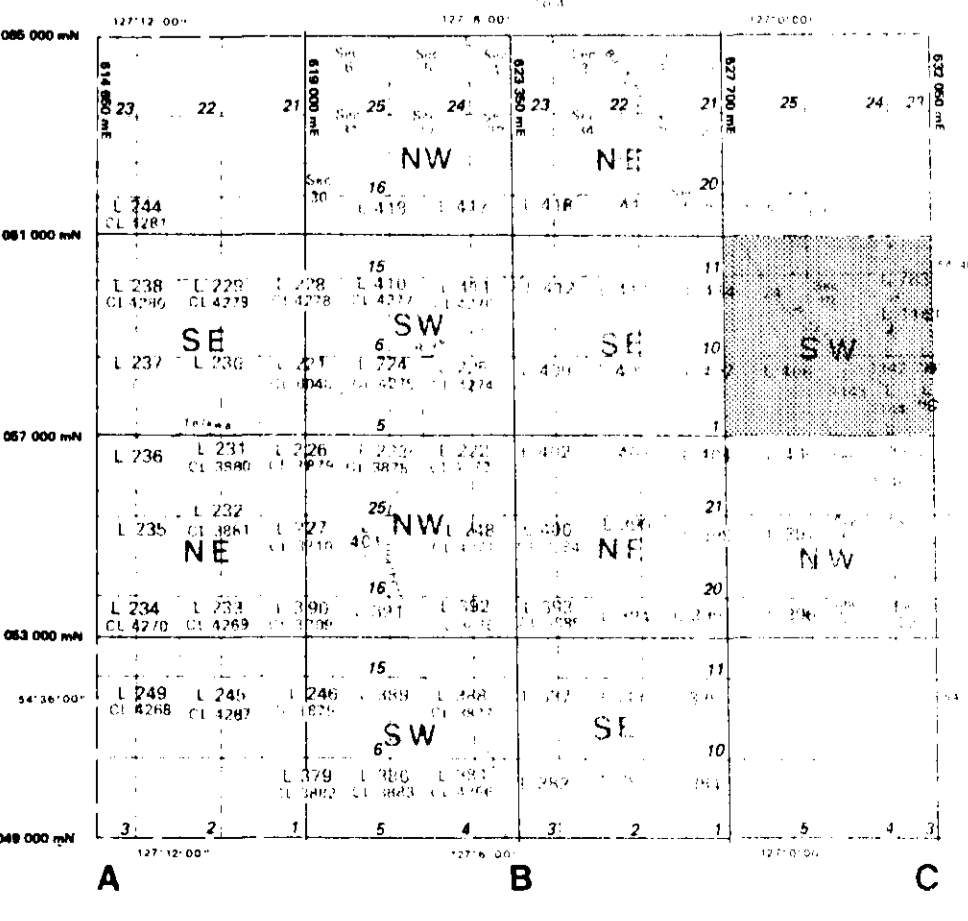
PHOTO CONTROL POINTS

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV.	Tag 2622	6059261.07	628697.29	521.81	521.82
HV.	Tag 2628	6059350.30	628219.01	510.28	510.28
HV.	Tag 2625	6061642.80	629181.71	534.77	534.77
V.	Tag 3113 Photo I.D.	6059434.18	629384.50	549.57	549.57
H.	Tag 3112 Photo I.D.	6059407.38	629338.07	543.22	543.22
H.	Tag 3111 Photo I.D.	6059417.94	629371.49	546.18	546.18
V.	Tag 3115 Photo I.D.	6061020.95	629031.10	597.15	597.15
H.	Tag 3116 Photo I.D.	6061021.26	629023.93	598.32	598.6

REFERENCE STATIONS

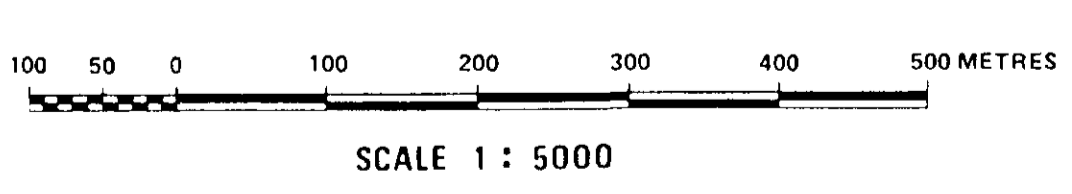
STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
3106	20cm Spike	316-07-57	24.06	520.98	521.1	6,058,998.90	627,829.05
Tag 3107				522.08	520.7	6,058,976.25	627,812.38
2622	75cm IP and Target	214-34-58	15.43	521.81	521.82	6,058,261.07	628,087.29
Tag 2624 in 10cm Spruce		89-34-58	36.97	523.40	521.9	6,058,248.36	628,078.53
Tag 2623 in 30cm Poplar				524.72	521.3	6,058,261.34	628,124.26
3108	20cm Spike	295-52-50	10.39	521.74	521.8	6,058,688.89	628,223.91
Tag 3109 in 30cm Poplar				522.56	519.9	6,058,691.43	628,214.56
2628	75cm IP and Target	60-28-15	19.26	510.28	510.28	6,059,350.30	628,219.01
Tag 2629				511.70	510.3	6,059,358.80	628,235.78
Tag 2630		128-09-30	48.22	511.91	510.5	6,059,320.51	628,256.83
2625	75cm IP and Target	03-46-25	29.17	534.78	534.71	6,057,642.77	629,161.77
Tag 2626 in 30cm Poplar				535.82	534.5	6,057,671.91	629,163.83
Tag 2627 in 10cm Spruce		81-03-31	23.945	536.85	535.55	6,057,646.52	629,185.36
3113	Concrete Nail	240-00-23	53.60	549.57	549.57	6,059,434.18	629,384.50
Tag 3112 (SW corner of slab)				543.22	6,059,407.38	629,338.07	
Tag 3111 (NE corner of slab)		218-42-11	20.800	546.18	546.18	6,059,417.94	629,371.49
3125	20cm Spike	75-39-20	3.52	548.31	548.4	6,060,601.04	627,901.32
Tag 3085 in 2cm Willow				550.06	548.5	6,060,601.91	627,904.73
3086	20cm Spike	183-26-32	12.33	537.10	537.2	6,060,268.04	628,206.75
Tag 3087 in 5cm Spike				536.04	534.5	6,060,256.22	628,210.27
3088	20cm Spike	242-34-46	6.24	553.37	553.5	6,049,828.60	628,945.55
Tag 3089 in Fence Post				554.05	6,059,825.73	628,840.02	
3114	75cm IP	263-00-15	95.25	600.86	600.8	6,061,032.86	629,118.47
Tag 3116 fence intersection		261-14-13	88.17	598.32	598.6	6,061,021.26	629,023.92
Tag 3115 of driveway				597.15	6,061,020.95	629,031.10	
Tag 3117		20-35-48	2.246	602.08	600.8	6,061,034.97	629,119.26

MAP INDEX 93L/10 & 11



LEGEND

- NAIL
- × 20cm SPIKE
- TRENCH
- DRILL HOLE
- CONTROL POINT OF NETWORK (GOV.)
- IRON POST
- 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
- ◆ COMPASS TRAVERSE POINT

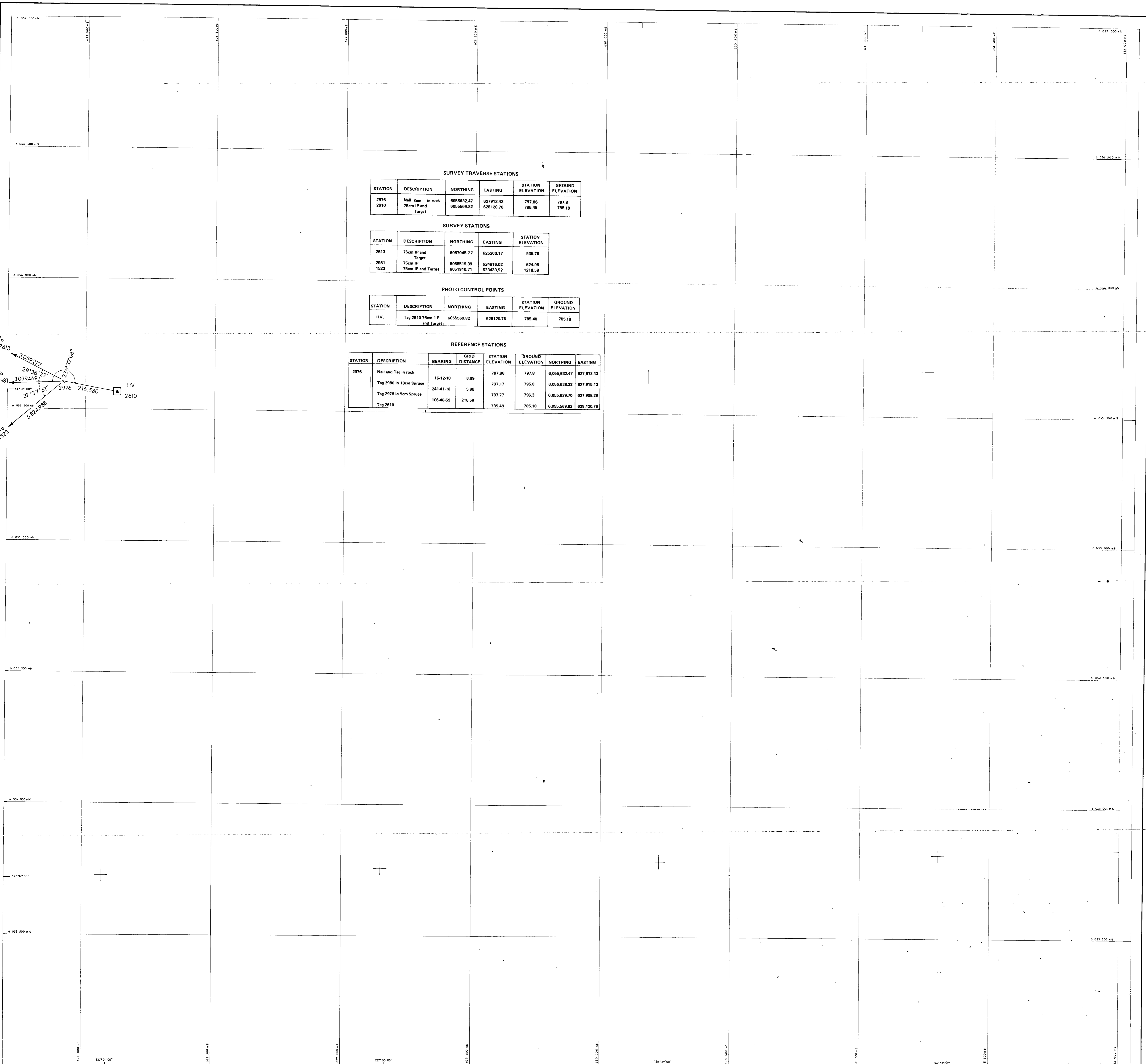


NOTES

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238 TK-Telkwa 8a(a)

**Crows Nest Resources Limited**  
 EXPLORATION  
 WEST CENTRAL, B.C.  
 TELKWA  
 TRVERSE SURVEY MAP  
 SHEET No. C2 SW  
 U.T.M. ZONE 9  
 N.T.S. 93L 10/11  
 AUTHOR: DE WATSON B.C.L.S. SCALE: 1 : 5 000 DRAWN BY:  
 DATE: 02.11.22 REVISED: DRAWING No. TW2V11  
 To Accompany



**SURVEY TRAVERSE STATIONS**

STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
2976	Nail 8cm in rock	6055632.47	627913.43	797.86	797.8
2610	75cm IP and Target	6055569.82	628120.76	785.48	785.18

**SURVEY STATIONS**

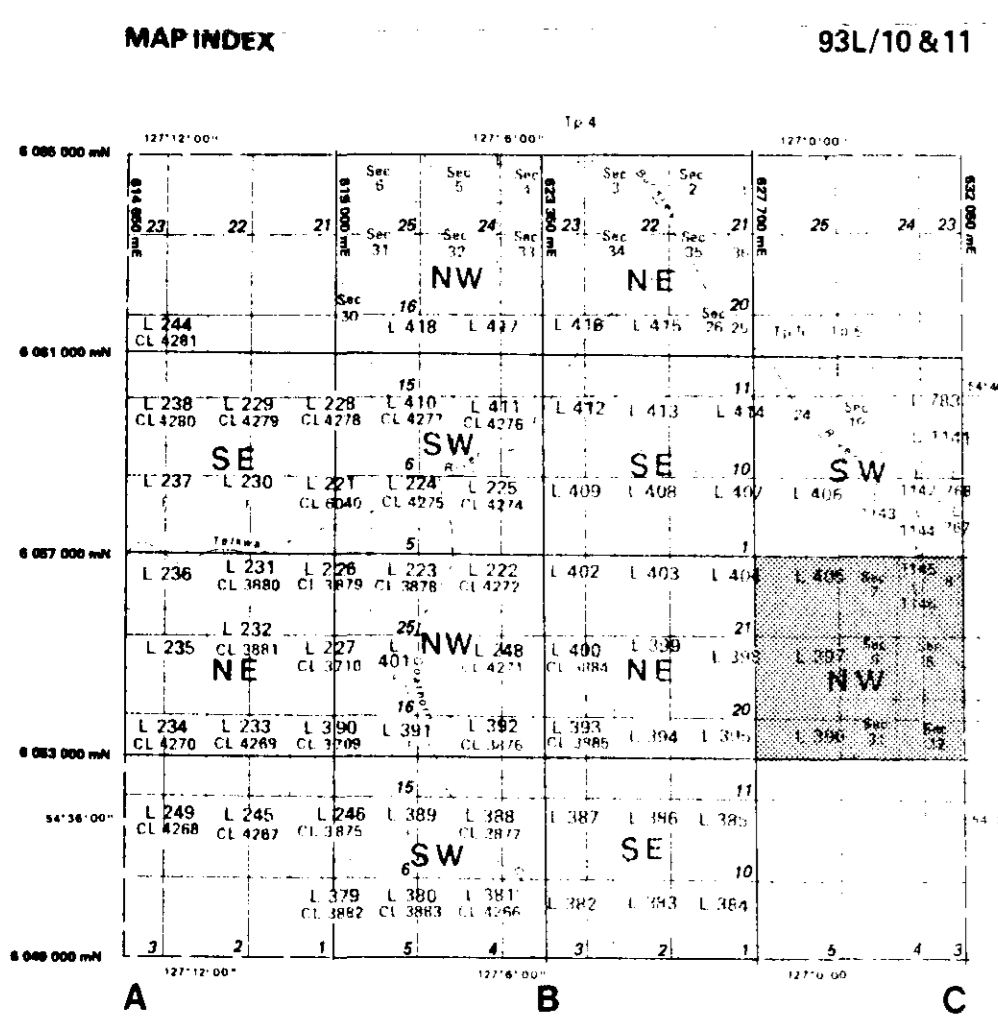
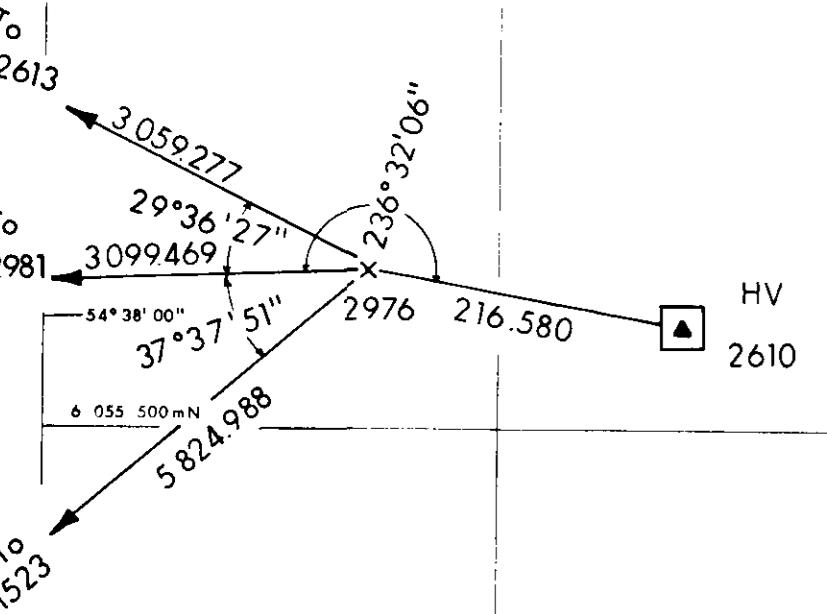
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION
2613	75cm IP and Target	6057045.77	625200.17	535.76
2981	75cm IP	6055519.39	624816.02	624.05
1523	75cm IP and Target	6051910.71	623433.52	1218.59

**PHOTO CONTROL POINTS**

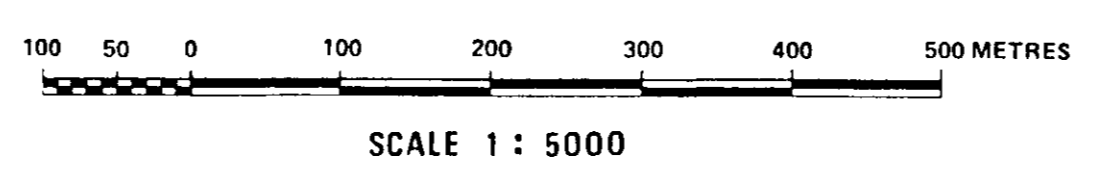
STATION	DESCRIPTION	NORTHING	EASTING	STATION ELEVATION	GROUND ELEVATION
HV.	Tag 2610 75cm 1 P and Target	6055569.82	628120.76	785.48	785.18

**REFERENCE STATIONS**

STATION	DESCRIPTION	BEARING	GRID DISTANCE	STATION ELEVATION	GROUND ELEVATION	NORTHING	EASTING
2976	Nail and Tag in rock			797.86	797.8	6,055,632.47	627,913.43
	Tag 2980 in 10cm Spruce	16-12-10	6.09	797.17	795.8	6,055,638.33	627,915.13
	Tag 2978 in 5cm Spruce	241-41-18	5.86	797.77	796.3	6,055,629.70	627,908.28
	Tag 2610	106-48-59	216.58	785.48	785.18	6,055,569.82	628,120.76



- LEGEND**
- NAIL
  - × 20cm SPIKE
  - TRENCH
  - DRILL HOLE
  - CONTROL POINT OF NETWORK (GOV.)
  - IRON POST
  - ▲ 1982 PHOTO TARGET OR PHOTO I.D. POINT MARKED WITH IRON POST
  - ◆ COMPASS TRAVERSE POINT



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238

Tk-Telkwa 83(6)A

**Crows Nest Resources Limited**  
EXPLORATION

WEST CENTRAL, B.C.  
TELKWA

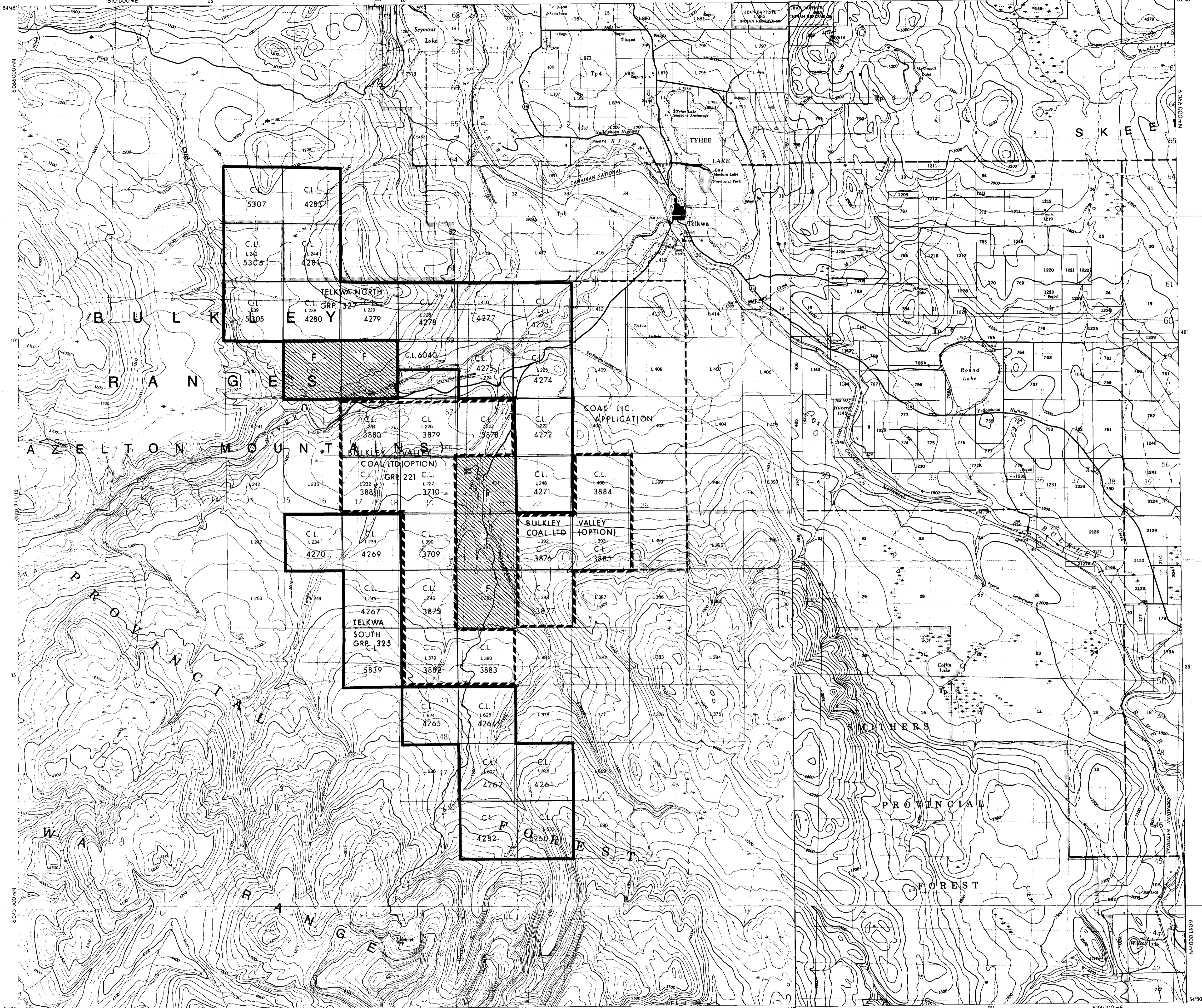
**TRAVERSE SURVEY MAP**

30

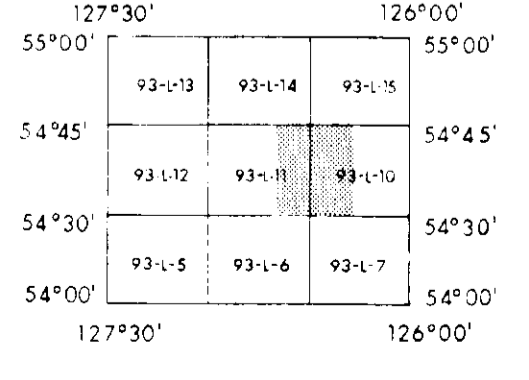
SHEET No C3 NW  
U.T.M. ZONE 9

N.T.S. 93L 10/11

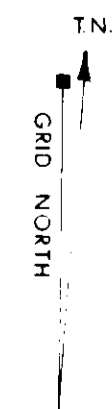
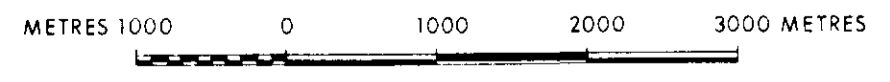
AUTHOR: DE WATSON & C.L.S.	SCALE: 1 : 5 000	DRAWN BY:
DATE: 82 11 22	REVISED:	DRAWING NO: TW2V12
To: Accompany		



MAP INDEX



SCALE: 1:50,000



**238** TK-Telkwa 93(2)A\*(4)

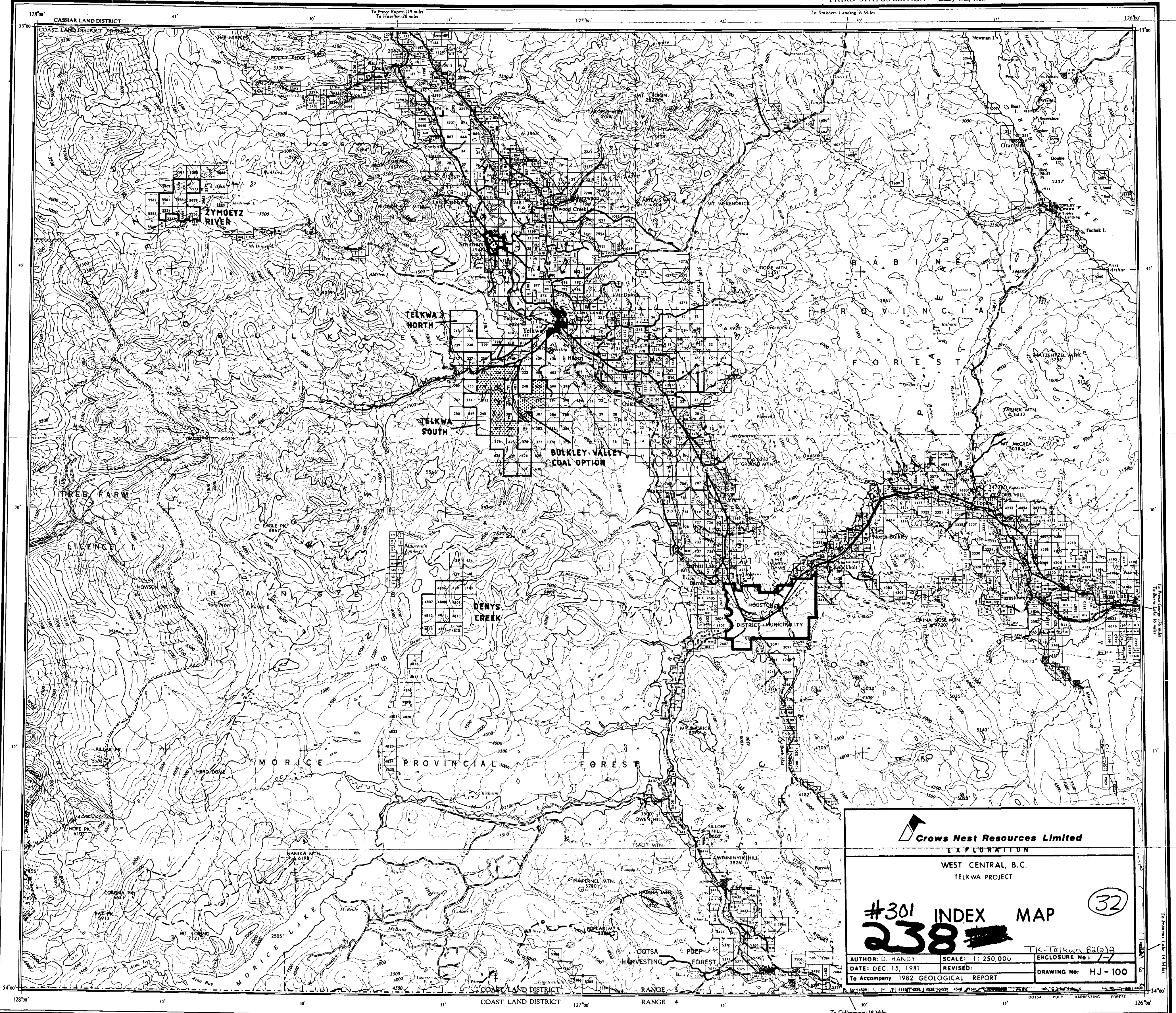
**Crows Nest Resources Limited**  
EXPLORATION  
WEST CENTRAL B.C.  
TELKWA PROJECT

**COAL LAND DISPOSITION MAP**

SHELL - CNRL LICENCES TELKWA 93-1-11,10

UTM Zone 9

AUTHOR: CNRL SCALE: 1:50,000 ENCLOSURE No.:  
DATE: 82-12 REVISED: DRAWING No: TW5H5  
To Accompany



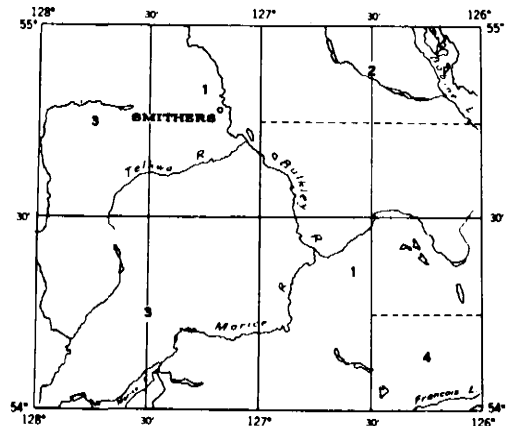
**Crows Nest Resources Limited**  
EXPLORATION  
WEST CENTRAL, B.C.  
TELKWA PROJECT

#301 INDEX MAP 32

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TK-Telkwa 82(2)A

AUTHOR: D. HANCY	SCALE: 1: 250,000	ENCLOSURE No: 7-7
DATE: DEC. 15, 1981	REVISED:	DRAWING No: HJ-100
To Accompany 1982 GEOLOGICAL REPORT		



**RELIABILITY DIAGRAM**  
Standard Topographic Surveys, 1:50,000, 1950-51.  
Photogrammetric Surveys, 1:50,000, 1951-52.  
Photogrammetric Surveys, 1:25,000, 1953-54.  
Photogrammetric Surveys, 1:25,000, 1955-56.  
Photogrammetric Surveys, 1:25,000, 1957-58.  
Photogrammetric Surveys, 1:25,000, 1959-60.  
Photogrammetric Surveys, 1:25,000, 1961-62.  
Photogrammetric Surveys, 1:25,000, 1963-64.  
Photogrammetric Surveys, 1:25,000, 1965-66.  
Photogrammetric Surveys, 1:25,000, 1967-68.  
Photogrammetric Surveys, 1:25,000, 1969-70.  
Photogrammetric Surveys, 1:25,000, 1971-72.  
Photogrammetric Surveys, 1:25,000, 1973-74.  
Photogrammetric Surveys, 1:25,000, 1975-76.  
Photogrammetric Surveys, 1:25,000, 1977-78.  
Photogrammetric Surveys, 1:25,000, 1979-80.  
Photogrammetric Surveys, 1:25,000, 1981-82.  
Photogrammetric Surveys, 1:25,000, 1983-84.  
Photogrammetric Surveys, 1:25,000, 1985-86.  
Photogrammetric Surveys, 1:25,000, 1987-88.  
Photogrammetric Surveys, 1:25,000, 1989-90.  
Photogrammetric Surveys, 1:25,000, 1991-92.  
Photogrammetric Surveys, 1:25,000, 1993-94.  
Photogrammetric Surveys, 1:25,000, 1995-96.  
Photogrammetric Surveys, 1:25,000, 1997-98.  
Photogrammetric Surveys, 1:25,000, 1999-00.  
Photogrammetric Surveys, 1:25,000, 2001-02.  
Photogrammetric Surveys, 1:25,000, 2003-04.  
Photogrammetric Surveys, 1:25,000, 2005-06.  
Photogrammetric Surveys, 1:25,000, 2007-08.  
Photogrammetric Surveys, 1:25,000, 2009-10.  
Photogrammetric Surveys, 1:25,000, 2011-12.  
Photogrammetric Surveys, 1:25,000, 2013-14.  
Photogrammetric Surveys, 1:25,000, 2015-16.  
Photogrammetric Surveys, 1:25,000, 2017-18.  
Photogrammetric Surveys, 1:25,000, 2019-20.

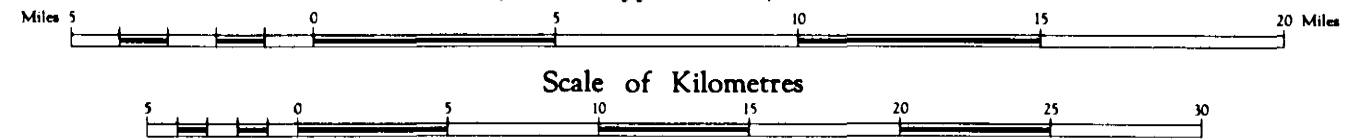
First Status Edition, compiled and produced by Geographic Division, Survey and Mapping Branch, Dept. of Lands & Forests, Victoria, B.C., 1953.  
Third Status Edition revised 1969.

**REFERENCE**

Land alienated or covered by application under the Land Act	TL or PL
Surveyed Timber or Pulp Lease, Timber or Pulp Licence	TL or PL
Indian Reserve	IR
Government Reserve	GR
Land District Boundary	LD
Provincial Forest Boundary	PF
Town Farm Licence	TF
Municipality	M
Water Supply Area	WSA
Park	P
Park less than 40 acres	P
Campground	C
Forest Service Lookout	FL
Settlement or Locality	S
Post Office	PO
School	S
Hospital	H
Mine	M
Dyke	D
Historic Monument	HM
Mile Post	MP
International Boundary and Monument	IB

**SMITHERS**  
BRITISH COLUMBIA  
COAST LAND DISTRICT - RANGE 5

Scale 1:250,000 or approximately 1 Inch to 4 Miles

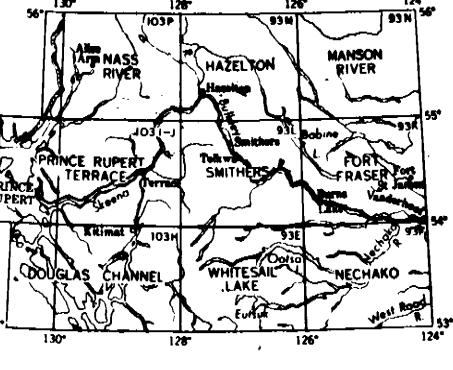


Magnetic Declination approximately 26°45' East of True, 1969  
Decreasing approximately 5'41" annually

Maps and indexes with price lists may be obtained from the Map Production Division, British Columbia Land Service, Parliament Buildings, Victoria, B.C.

**REFERENCE**

Road, Hard Surface, All Weather	RS
Road, Loose Surface, All Weather	RLS
Road, Loose Surface, Less than 2 lanes	RLS
Private (Logging, Mining etc.)	PR
Four Wheel Drive	4WD
Railway	R
Main Telephone Line	MTL
Main Electric Power Line	MEL
Horizontal Control Station	HCS
Control (Inverted 500 feet)	IC
Elevation in feet above mean sea-level	E
Intermittent Stream	IS
Intermittent Lake or Seasonal Inundation	IL
Swamp or Marsh	SM
Glacier or Icefield	G
Spring	S
Dam	D
Customs Office	CO
Lighthouse (extinct)	LH
Antenna or Airbase	A
Anchorhole or Scaup Anchor	AA
Abandoned Railway	AR



On the above map index, the maps published are shown thus:  
With District lot land status  
Without  
Land Commission Offices are located in Smithers and Burns Lake.  
Mineral Claims are not shown on this sheet.  
District land lots, 5 acres or less may not be shown due to the scale of this map.