680852

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1016 - 510 WEST HASTINGS STREET
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SUMMARY

of Exploration to date on

PLACER SYNDICATE OPTION (P, D AND GOOF CLAIMS)

at

DRIFTPILE CREEK, B.C.

by

GATAGA JOINT VENTURE

April 20, 1982

R.C. Carne

R.J. Cathro

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A Example of a typical diamond drill log

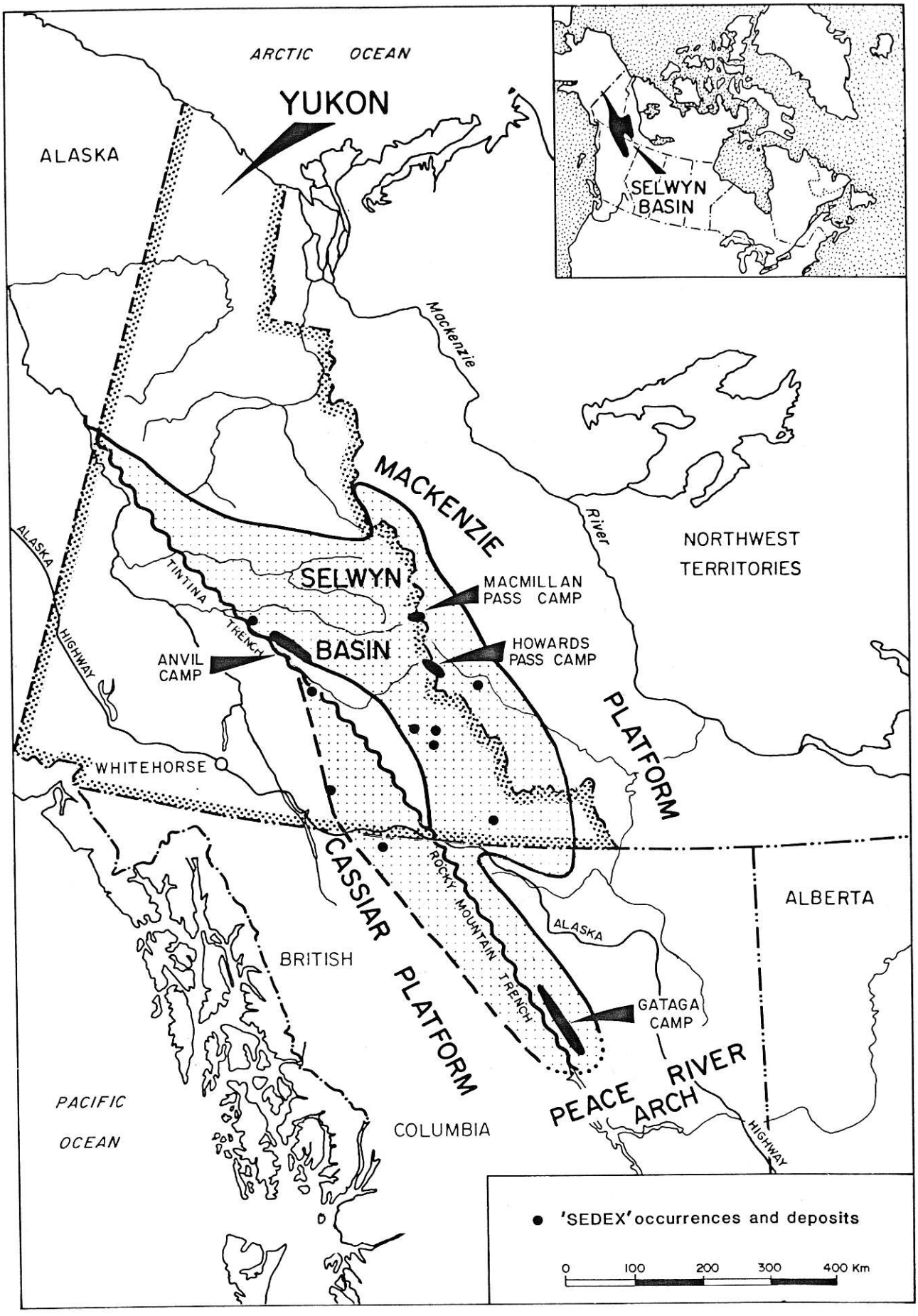


Fig. 1 Location of Selwyn Basin and main sedex Zn-Pb-Ag camps

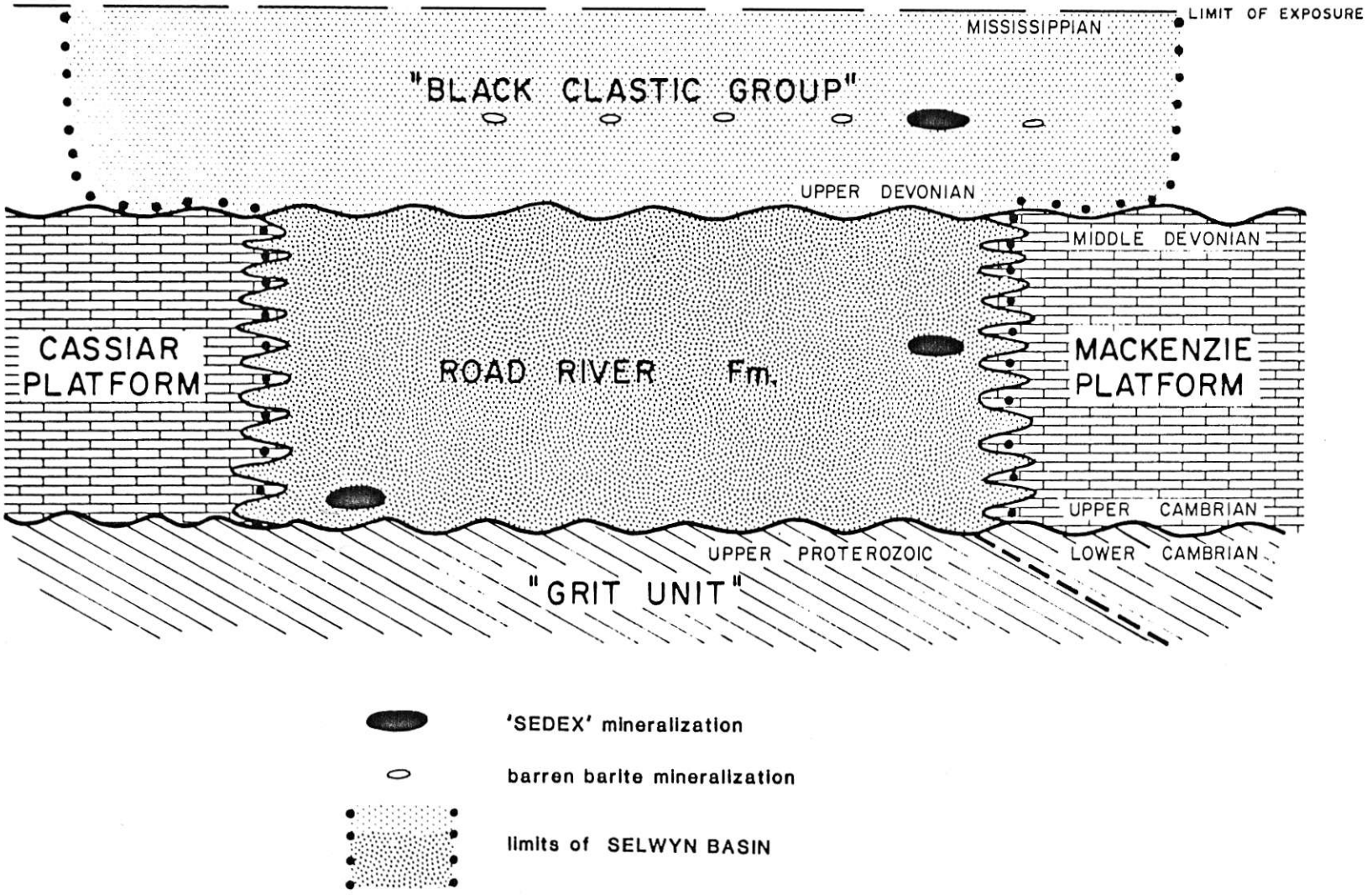
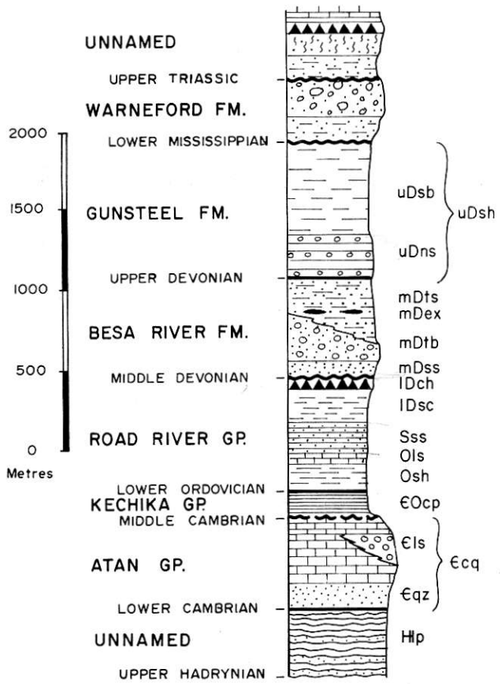
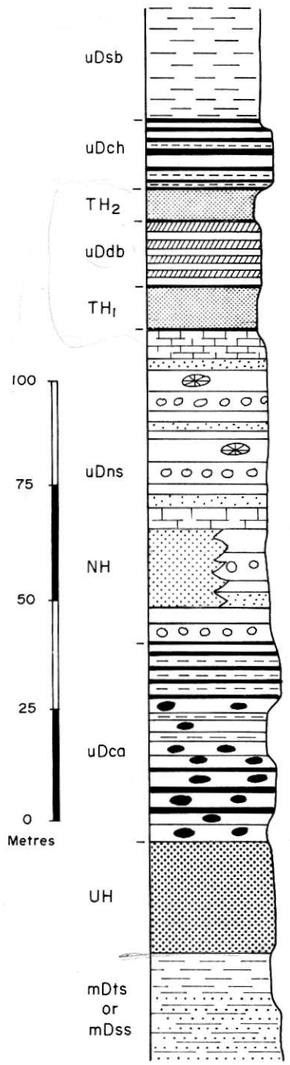


Fig. 2 Simplified stratigraphic section across Selwyn Basin (as defined here)

REGIONAL STRATIGRAPHY



GUNSTEEL FM. STRATIGRAPHY – DRIFTPILE FOLD BELT



uDsb – medium to thick bedded, siliceous and non-siliceous, carbonaceous black shale

uDch – very carbonaceous interbedded siliceous black shale and cherty argillite

TH_2 – exhalite horizon; cherty black argillite, bedded and blebby barite, pyrite, chert, galena and sphalerite

uDdb – exhalite-clastic horizon; banded, thin to medium beddded dark grey and black shale and siltstone; minor blebby barite, cherty argillite, sphalerite and galena

TH_1 – exhalite horizon; cherty black argillite, bedded and blebby barite, pyrite, chert, galena and sphalerite

uDns – non-siliceous, thick bedded gritty black shale, calcareous sections; minor thin siltstone beds; conspicuous small (< 1 cm) barite concretions or nodules ("beads") and large (3-6 cm) barite-quartz-carbonate septarian nodules scattered throughout

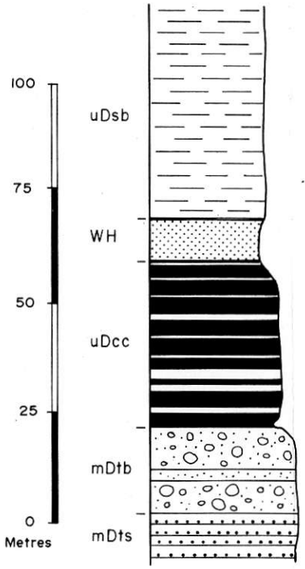
NH – exhalite horizon; medium bedded siliceous black shale and cherty black argillite, blebby and bedded barite, manganiferous pink chert, minor sphalerite and galena

uDca – interbedded cherty argillite, carbonaceous black chert, siliceous black shale, calcareous black shale and carbonate nodules, minor blebby barite

UH – exhalite horizon; cherty black argillite, bedded and blebby barite, pyrite, chert, galena and sphalerite

mDts or mDss – medium to thick bedded distal turbidites and levee fan deposits (calcareous, silty black shale with siltstone intervals)

GUNSTEEL FM. STRATIGRAPHY – WESTERN THRUST BELT



uDsb – medium to thick bedded, siliceous and non-siliceous, carbonaceous black shale

WH – exhalite horizon; cherty black argillite, bedded and blebby barite, pyrite and chert

uDcc – medium to thick bedded, very carbonaceous black chert, minor carbonaceous shale interbeds

mDtb – thick bedded to massive proximal facies turbidites and debris flows (chert pebble conglomerate and chert granule grit)

mDts – medium to thick bedded, intermediate facies turbidites (silty black shale with siltstone and conglomerate intervals)

Fig. 4

ARCHER, CATHRO & ASSOCIATES (1981) LTD.

REGIONAL STRATIGRAPHY

GATAGA LAKES AREA

GATAGA JOINT VENTURE

To accompany report dated April 20, 1982.

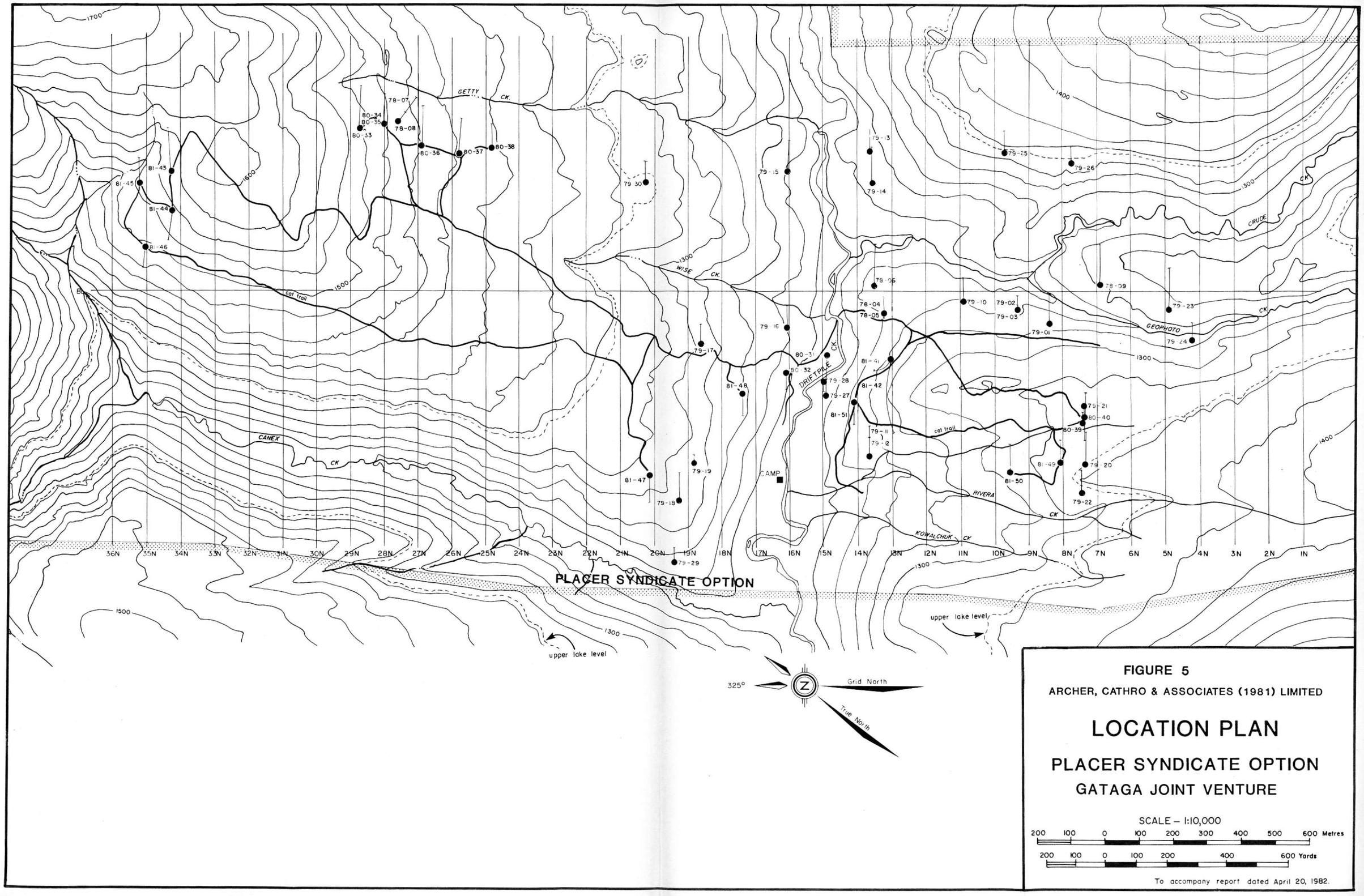


FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION PLAN

PLACER SYNDICATE OPTION

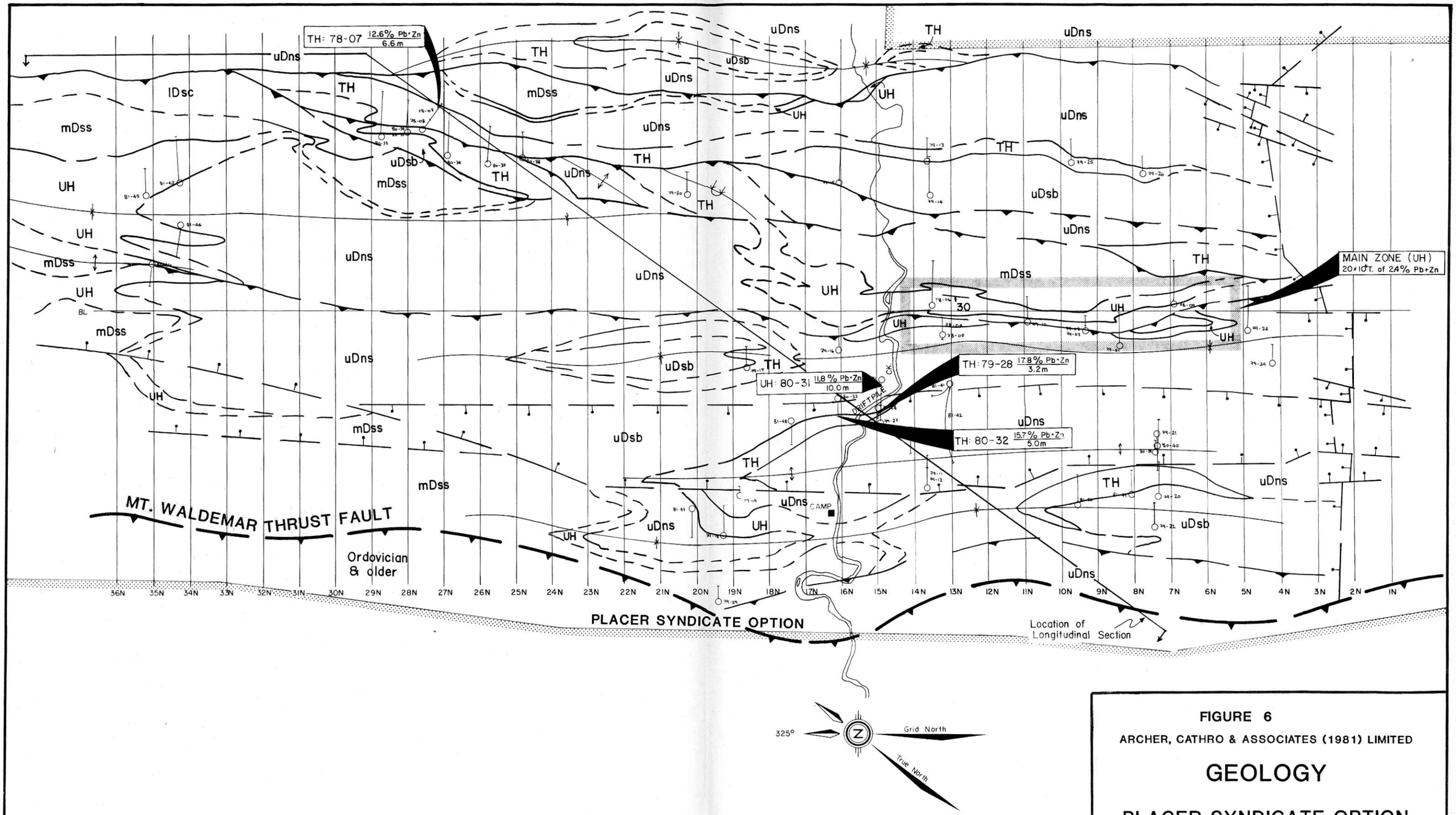
GATAGA JOINT VENTURE

SCALE – 1:10,000

200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.



N.B. - width of intersection are estimated true widths of mineralized intervals.

See accompanying stratigraphic column for details on rock units.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

PLACER SYNDICATE OPTION

GATAGA JOINT VENTURE

SCALE – 1:10,000

200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.

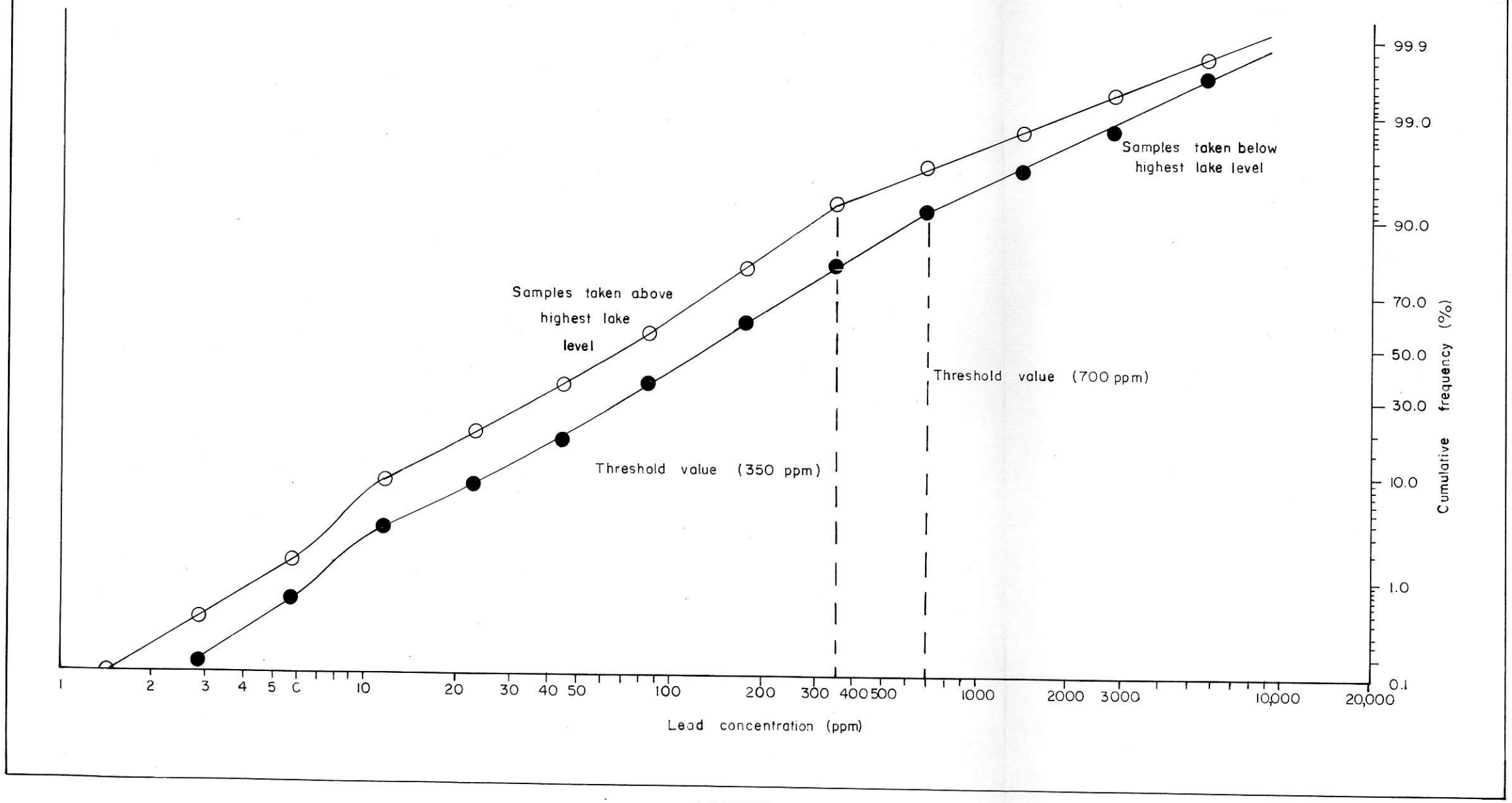


FIGURE 7

CUMULATIVE FREQUENCY DIAGRAM FOR LEAD

PLACER SYNDICATE OPTION

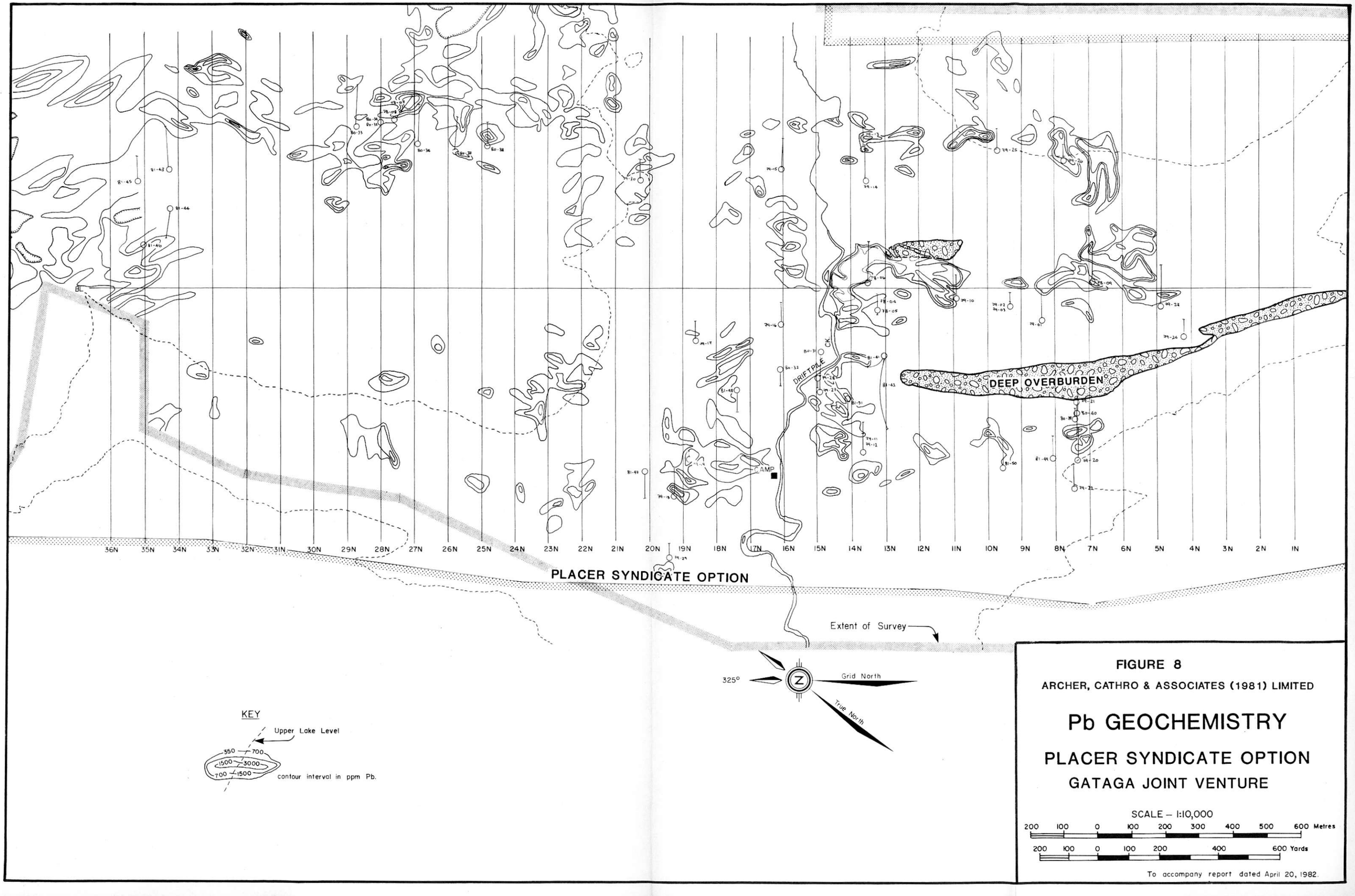


FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Pb GEOCHEMISTRY

PLACER SYNDICATE OPTION

GATAGA JOINT VENTURE

SCALE – 1:10,000

200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.

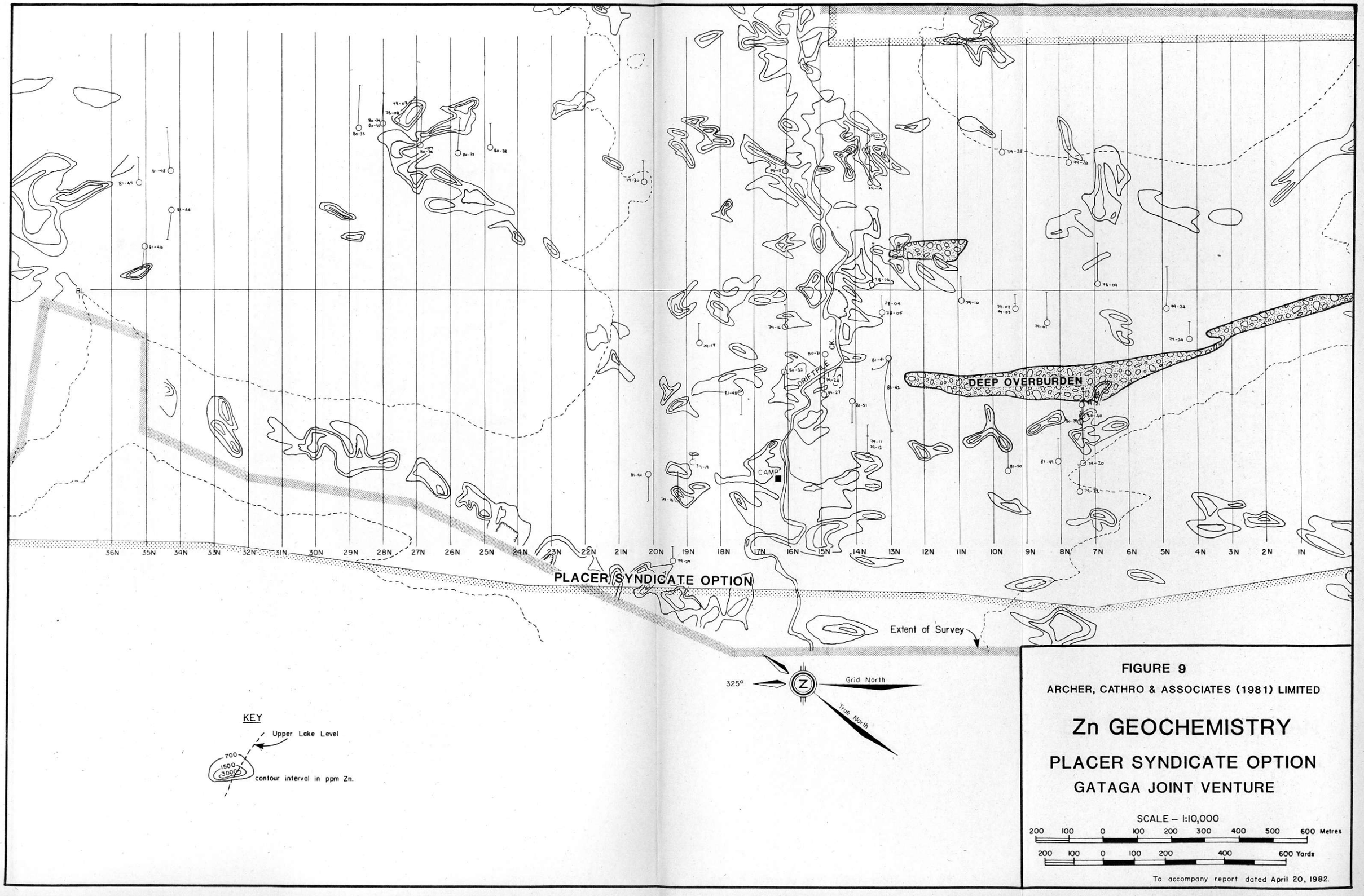


FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Zn GEOCHEMISTRY

PLACER SYNDICATE OPTION

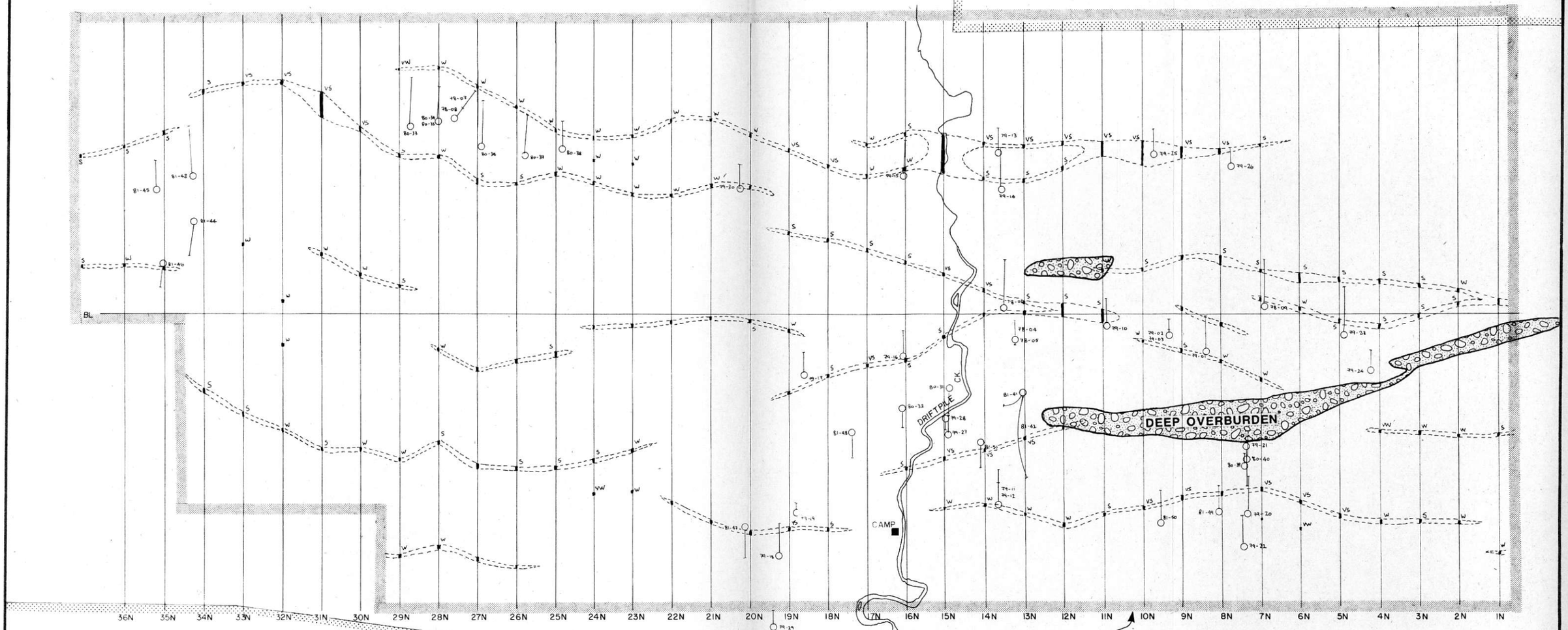
GATAGA JOINT VENTURE

SCALE – 1:10,000

200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.



KEY

Conductive interval and relative strength.

VW = very weak
W = weak
S = strong
VS = very strong

325°

Grid North

True North

MAXMIN II Survey by KIDD CREEK MINES LTD., 1981

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

EM CONDUCTOR PLAN

PLACER SYNDICATE OPTION

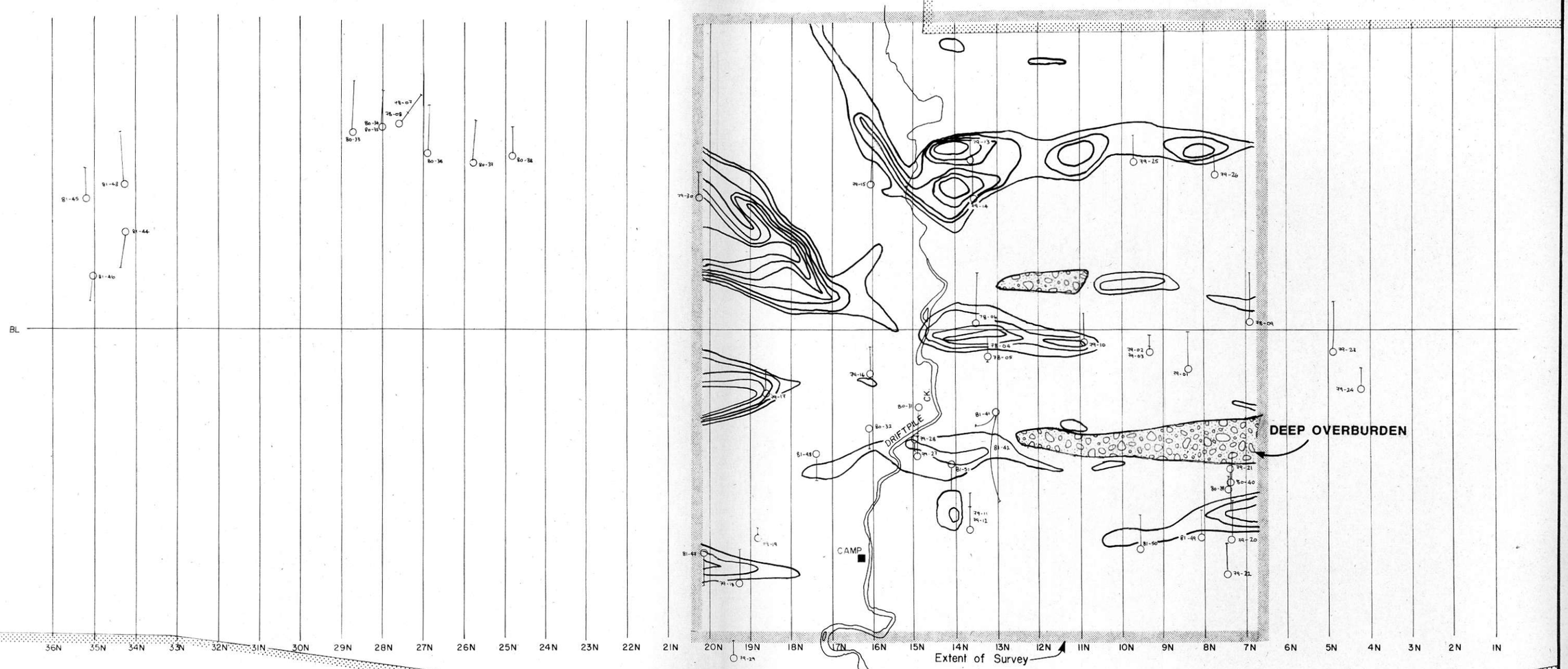
GATAGA JOINT VENTURE

SCALE – 1:10,000

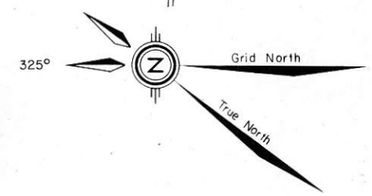
200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.



PLACER SYNDICATE OPTION



KEY

contours are increasing in 0.1 mgal increments starting at 0.4 mgal

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RESIDUAL GRAVITY PLAN

PLACER SYNDICATE OPTION

GATAGA JOINT VENTURE

SCALE – 1:10,000

200 100 0 100 200 300 400 500 600 Metres

200 100 0 100 200 400 600 Yards

To accompany report dated April 20, 1982.

TABLE I

CLAIM STATUS AS OF DECEMBER 10, 1981

CLAIM NAME	NO. OF UNITS	GRANT NUMBER	EXPIRY DATE
D2		71809	12 August, 1990
4		71811	"
6		71813	"
8		71815	"
10		71817	"
12		71819	"
14		71821	"
16		71823	"
19-34		71826-71841	"
37-48		71844-71855	"
P2		71755	"
4		71757	"
6		71759	"
8		71761	"
19-20		71772-3	"
21-32		71774-71785	"
34		71787	"
37		71790	"
39		71792	"
41		71794	"
43		71796	"
45		71798	"
47		71800	"
49		71802	"
51		71804	"
Goof 1F		71862	6 September, 1990
2F		71863	"
4F		71865	"
5F		71992	"
Total	67 two-post claims		

TABLE II

PLACER SYNDICATE OPTION

EXPLORATION SUMMARY 1974-1982

1974:	158 P, D and Goof claims staked geological mapping soil geochemical survey rock geochemical survey
1975:	geological mapping soil geochemical survey EM (shootback) survey hand trenching
1975-1977:	no work performed property reduced to 67 P, D and Goof claims
1978:	property optioned by Gataga Joint Venture soil geochemical survey geological mapping diamond drilling, 1016 m (9 holes) hand trenching
1979:	soil geochemical survey geological mapping diamond drilling, 2416 m (21 holes) hand trenching
1980:	soil geochemical survey geological mapping diamond drilling, 2020 m (10 holes) backhole trenching
1981:	soil geochemical survey geological mapping diamond drilling, 2003 m (11 holes) backhoe trenching airstrip construction started gravity survey EM (Max-Min II) survey grid lines cut and surveyed
1982 (proposed):	geological mapping diamond drilling, 1190 m (3 holes) backhoe trenching airstrip construction completed trace metal analyses of drill core petrographic study compilation report

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GATAGA JOINT VENTURE

ANNUAL EXPENDITURES ON

OPTIONED DRIFTPILE PROPERTY

	Cumulative Field Commitment	Annual Expenditure	Cumulative Expenditure
December 31, 1978	$ 200,000	$310,487	$ 310,487
December 31, 1979	500,000	443,797	754,284
December 31, 1980	800,000	402,697	1,156,981
December 31, 1981	1,100,000	592,236	1,749,217
December 31, 1982	1,400,000	300,000*	2,049,217
December 31, 1983	1,700,000		
December 31, 1984	2,000,000		

* estimate

April 20, 1982

TABLE III

DIAMOND DRILL HOLE SUMMARY

PLACER SYNDICATE OPTION

HOLE	COORDINATES: PROPERTY GRID NORTH	PROPERTY GRID EAST	MAP GRID NORTH	MAP GRID EAST	DIP	AZIMUTH	SIZE	LENGTH FEET	LENGTH METRES
1978									
78-01	818.4	-88.9	36941.78	35860.06	-55	055	NQ	450	137.2
78-02	915.5	-48.3	37043.42	35832.75	-55	055	NQ	198	60.4
78-03	915.5	-48.3	37043.42	35832.75	-90	-	NQ	321	97.8
78-04	1316.2	-56.9	37355.07	35580.74	-45	055	BQ	225	68.6
78-05	1314.9	-57.9	37353.43	35580.75	-85	235	BQ	256	78.0
78-06	1340.3	22.9	37422.97	35629.11	-45	055	BQ	465	141.7
78-07	2732.8	524.9	38831.49	35174.00	-50	093	BQ	361	110.0
78-08	2732.8	524.9	38831.49	35174.00	-85	093	BQ	500	152.4
78-09	678.3	27.6	36951.22	36101.21	-50	055	BQ	558	170.1
						1978 TOTAL:		3334	1016.2
1979									
79-10	1076.3	-20.7	37187.49	35756.18	-55	055	BQ	342	104.2
79-11	1357.8	-469.7	37135.36	35228.80	-60	055	BQ	450	137.2
79-12	1357.8	-469.7	37135.36	35228.80	-75	055	BQ	631	192.3
79-13	1349.4	425.7	37676.66	35942.12	-50	055	BQ	299	91.1
79-14	1344.0	333.7	37616.09	35872.66	-50	055	BQ	496	151.2
79-15	1585.3	367.9	37827.86	35752.04	-50	055	BQ	426	129.8
79-16	1600.0	-88.4	37560.25	35382.16	-50	055	BQ	318	96.9
79-17	1848.3	-135.6	37727.75	35192.88	-50	055	BQ	260	79.2
79-18	1913.5	-600.0	37495.13	34785.69	-50	055	BQ	412	125.6
79-19*	1869.4	-490.8	37527.08	34899.04	-50	055	BQ	160	48.8
79-20	723.0	-504.0	36612.31	35590.14	-55	055	BQ	543	165.5
79-21	724.4	-331.9	36718.73	35725.40	-50	235	BQ	429	130.8
79-22	737.3	-584.5	36574.35	35517.75	-50	055	BQ	459	139.9
79-23	481.0	-44.3	36702.22	36101.81	-55	055	BQ	622	189.6
79-24	416.5	-140.0	36592.65	36065.59	-50	055	BQ	300	91.4
79-25	955.9	420.8	37362.44	36179.04	-50	055	BQ	211	64.3
79-26	760.4	388.0	37187.75	36272.74	-50	055	BQ	291	88.7
79-27	1483.8	-288.9	37345.66	35294.69	-60	055	BQ	272	82.9
79-28	1480.7	-248.2	37368.11	35328.78	-50	235	BQ	155	47.2
79-29	1925.7	-783.1	37392.73	34633.41	-70	055	BQ	281	85.6
79-30*	2014.6	306.4	38129.76	35440.69	-75	055	BQ	570	173.7
						1979 TOTAL:		7927	2416.1

TABLE III - (CONT'D.)

DIAMOND DRILL HOLE SUMMARY

HOLE	COORDINATES PROPERTY GRID NORTH	EAST	MAP GRID NORTH	EAST	DIP	AZIMUTH	SIZE	LENGTH FEET	METRES
1980									
80-31	1477.2	-172.2	37411.85	35391.03	-83	234	NQ/BQ	1196	364.5
80-32	1589.9	-222.0	37477.64	35277.23	-71	235	NQ	480	146.3
80-33	2844.5	504.8	38907.54	35089.75	-55	055	NQ	610	185.9
80-34	2773.2	515.4	38857.64	35141.77	-57	055	NQ	440	134.1
80-35	2773.3	514.0	38856.86	35140.60	-75	055	NQ	530	161.5
80-36	2663.7	452.1	38732.70	35158.71	-58	055	NQ	592	180.4
80-37	2550	434	38620	35281	-59	055	NQ	579	176.5
80-38	2458.0	447.2	38566.61	35280.72	-56	055	NQ	363	110.6
80-39*	730.9	-380.7	36694.03	35682.85	-85	055	NQ	763	232.6
80-40*	727.2	-366.8	36699.59	35696.08	-85	055	NQ	1084	330.4
							1980 TOTAL:	6627	2019.9
1981									
81-41	1287	-186	37249	35494	-79	253	NQ	1344	409.7
81-42	1287	-187	37249	35494	-54	253	NQ	1106	397.1
81-43	3400	365	44658	39261	-59	055	NQ	760	231.6
81-44	3400	243	44566	39190	-60	240	NQ	500	152.4
81-45	3500	335	44571	39316	-62	055	NQ	488	148.7
81-46	3470	145	44434	39190	-49	235	NQ	277	84.4
81-47	2000	-525	37608	34786	-54	235	NQ	407	124.1
81-48	1728	-281	37540	35144	-57	235	NQ	402	122.5
81-49	800	-499	36672	35551	-54	055	NQ	367	111.9
81-50	945	-520	36775	35440	-54	055	NQ	625	190.5
81-51	1400	-310	37261	35337	-58	235	NQ	297	90.5
							1981 TOTAL:	6573	2003.4
							GRAND TOTAL, PLACER SYNDICATE OPTION :	24461	7455.7

* Abandoned in bad ground

TABLE IV

CATALOGUE OF MINERALIZED INTERSECTIONS - PLACER SYNDICATE OPTION

Diamond Drill Hole	Mineralized Horizon	Overall Metal Ratios (Pb/Pb+Zn)	True Thickness (Feet)	(Metres)	Overall Grade (Pb+Zn) %	Best Grade Pb+Zn (%) True Thickness (m)
Driftpile Basin						
78-07	TH2	-	* 36	11.0	<2 (est.)	-
78-08	TH2	-	* 36	11.0	<2 (est.)	-
79-13	TH2	-	* 41	12.5	<2 (est.)	-
79-14	TH2	-	48	14.5	<2 (est.)	-
79-15	TH2	-	* 56	17.0	<2 (est.)	-
79-15	TH2	-	61	18.5	<2 (est.)	-
79-17	TH2	-	* 48	14.5	<2 (est.)	-
79-20	TH2	0.14	33	10.0	2.1	2.7/1.5
79-20	TH2	0.21	33	10.0	3.2	4.1/8.6
79-25	TH2	-	* 52	16.0	<2 (est.)	-
79-26	TH2	-	* 34	10.5	<2 (est.)	-
80-32	TH2	-	* 68	21.0	<2 (est.)	-
80-33	TH2	-	* 49	15.0	<2 (est.)	-
80-34	TH2	-	* 54	16.5	<2 (est.)	-
80-35	TH2	-	* 54	16.5	<2 (est.)	-
80-36	TH2	-	* 54	16.5	<2 (est.)	-
80-40	TH2	-	7	2.0	<2 (est.)	-
81-49	TH2	0.17	56	17.0	2.1	-
81-50	TH2	0.13	56	17.0	0.9	-
78-07	TH1	0.65	64	19.5	5.3	12.6/6.6 **
78-08	TH1	0.41	40	13.0	4.0	7.1/7.3 **
78-09	TH1	<0.10	118	36.0	2.5 (est. in part)	4.4/7.5
79-13	TH1	0.10	* 36	11.0	2.6	2.6/6.0
79-14	TH1	<0.10	* 49	15.0	1.5 (est. in part)	2.6/9.3
79-15	TH1	<0.10	* 36	11.0	1.0 (est. in part)	3.2/1.5
79-15	TH1	<0.10	36	11.0	1.2 (est. in part)	2.7/3.0
79-20	TH1	0.28	29	9.0	2.3	3.5/4.6
79-25	TH1	-	27	8.5	<2 (est.)	-
79-26	TH1	0.11	72	22.0	2.7 (est. in part)	2.9/12.0
79-28	TH1	0.19	30	9.5	4.9	17.8/3.2 **
79-30	TH1	-	137	42.0	<2 (est.)	-
79-30	TH1	-	70	21.5	<2 (est.)	2.3/4.5
80-32	TH1	0.17	79	24.0	7.1	15.7/5.0 **
80-33	TH1	-	101	31.0	<2 (est. in part)	5.4/4.8
80-34	TH1	-	98	30.0	<2 (est. in part)	7.1/8.0 **
80-35	TH1	-	92	28.0	<2 (est. in part)	5.8/2.8
80-36	TH1	-	101	31.0	<2 (est. in part)	6.0/2.1
80-37	TH1	-	141	43.0	<2 (est.)	-
80-38	TH1	-	* 82	25.0	<2 (est.)	-
81-48	TH1	0.14	* 56	17.0	1.7	-
81-49	TH1	0.17	33	10.0	1.2	-
81-50	TH1	0.08	77	23.5	0.4	-
78-01	UH	0.14	51	15.5	2.1	2.1/15.5
78-02	UH	0.09	45	14.0	1.5	1.5/14.0
78-03	UH	0.15	50	15.0	1.3	1.3/15.0
78-04	UH	0.16	112	34.0	2.2	2.2/34.0
78-05	UH	0.14	108	33.0	2.2	3.3/12.8
78-06	UH	0.24 (est.)	*123	37.5	1.6	1.6/37.5
78-09	UH	0.15 (est.)	* 77	23.5	3.5	4.5/9.4
79-10	UH	0.14 (est.)	* 90	27.0	2.0 (est. in part)	6.7/5.4
79-16	UH	<0.10	* 89	27.0	2.0 (est. in part)	4.1/1.5
79-18	UH	<0.10	*103	31.5	3.5 (est. in part)	7.5/4.0 **
79-23	UH	0.24	51	15.5	3.0	3.0/15.5
80-31	UH	0.29	33	10.0	11.8	15.1/3.4 **
80-37	UH	-	33	10.0	<2 (est.)	-
80-38	UH	-	55	16.8	<2 (est.)	-
81-47	UH	0.14	90	27.5	2.2	4.1/3.1
Canyon Basin						
81-43	NH	0.02	126	38.5	0.4	-
81-44	NH	0.02	85	26.0	0.7	-
81-44	UH	0.005	90	27.5	0.4	-
81-45	UH	0.05	61	18.5	0.3	-
81-46	UH	0.05	56	17.0	0.9	-

* Estimated thickness from surface data and partial diamond drill intersection

** Significant intersection

GJV-DRIFTPILE CREEK PROJECT: LOG DDH 81-49

COORD. 8+00S, 4+99W DIP -54° AZIM. 055° ELEV. 1336m SIZE NQ STARTED 09/08/81 COMPLETED 11/08/81 LOGGED BY RCCarne

VISUAL LOG	FOOTAGE Intersection	FOOTAGE metres	PRIMARY LITHOLOGY	SECONDARY INTERBEDS	%	CORE ANGLE CA Bedding W E	CORE ANGLE CA Structure W E	PYRITE Lam. / Thickness	%	PYRITE Diss. / Size	%	BARITE Bed. / Thickness	%	BARITE Bleb. / Size	%	CO_3 Type / Size	%	OTHER Description	%	ANALYSES % Pb ppm	% Zn ppm	% Cu ppm	Ag ppm	Assay #
	0.0	0.0																						
CASING			CASING																					
	32.0	9.75	mod-v.sil, v.carb non-calc blk SHAL, ufg	cherty blk ARGL <4cm	25	16/W 30/W	58/	LAM Tr indistinct wisps 2-3mm																
ch	50.0	15.2	SOS,	SOS inc d/s	25	15/W 45/W		LAM Tr "								BED Tr <6cm scattered								
—	66.9	20.4	mod-v.sil, v.carb blk SHAL, <5mm		30	54/W		BED 40 <4mm rhythmic								NOD 30 <1cm		minor Sl Tr in CO_3		0.22	1.15	27	0.1	2074
MIN'D	70.0	21.3	SOS		15	49/W 36/FLAT		BED 50 "								NOD 45 <1cm & massive sections				0.21	1.30	21	0.1	2075
TH_2 MIN'D	80.0	24.4	SOS		15	35/FLAT	55/	BED 50 "								NOD 45 "				0.18	1.22	27	0.1	2632
— MIN'D	90.0	27.4	SOS		25	E/64 (<Ca) E/55 (")		BED 40 "								NOD 35 <1.5cm				0.06	1.74	21	0.1	2633
MIN'D	97.0	29.6	mod-v.sil., ufg., non-calc, v.carb blk SHAL	cherty blk ARGL <4cm	20	34/FLAT 40/"	54/	BED Tr <4mm								NOD 10 <4cm		disseim & stfm Sl & Gl throughout	Tr	1.17	1.86	38	0.1	2634
MIN'D	110.1	33.6	mod-v.sil, slightly gritty blk SHALE <1cm	cherty blk ARGL <0.5cm	15			BED 25 <6mm								NOD 35 massive@top <2cm				0.36	1.68	24	0.1	2635
MIN'D	120.0	36.6	SOS	SOS	15			BED 25 "								NOD 35 "				0.18	1.58	22	0.1	2636
MIN'D	130.0	39.6	SOS	SOS	05	41/FLAT		BED 45 "								NOD 45 "		disseim Sl & Gl in CO_3	Tr	0.24	1.94	19	0.1	2637
	140.0	42.7																						

GJV-DRIFTPILE CREEK PROJECT: LOG DDH 81-49

COORD._____ DIP____ AZIM.____ ELEV._____ SIZE ____ STARTED_____ COMPLETED _____ LOGGED BY_____

VISUAL LOG	FOOTAGE Intersection	FOOTAGE metres	PRIMARY LITHOLOGY	SECONDARY INTERBEDS	%	CORE ANGLE Bedding W E	CORE ANGLE Structure W E	PYRITE Lam. / Thickness	%	PYRITE Diss. / Size	%	BARITE Bed. / Thickness	%	BARITE Bleb. / Size	%	CO_3 Type / Size	%	OTHER Description	%	ANALYSES % Pb	ppm	% Zn	ppm	% Cu	ppm	oz/t Ag	ppm	Assay #
MIN'D			non-v.sil, slightly gritty blk SHALE <2cm	cherty blk ARGL <1cm	05	45/FLAT		BED	45							NOD	40	minor diss	Tr									
					10	10/W		<1cm								<2cm		Gl & Sl in CO_3		0.22		2.00		16		0.1		2638
TH2	150.0	45.7																										
MIN'D			SOS		05	15/W		BED	55							NOD	40	"										
						12/W		massive thin bed sections								"				0.51		2.05		15		0.1		2639
	162.0	49.4																										
MIN'D			mod-v.sil, vfg, v.carb blk SHALE			10/W		BED	05																			
								<4mm												0.22		0.32		37		0.1		2640
	165.7	50.5																										
MIN'D			non-v.sil, slightly gritty blk SHALE <2cm	cherty blk ARGL <1cm	Tr	50/VERT		BED	70							NOD	25	"	Tr									
					05			massive <4mm								<2cm				0.56		2.32		18		2.9		2641
	170.0	51.8																										
MIN'D			SOS csp. near base	SOS	Tr	55/VERT		BED	55							NOD	40	"	Tr									
								"								"				0.18		1.11		13		0.2		2642
	180.0	54.9																										
MIN'D			SOS	SOS	05	10/W		BED	50							NOD	40	"	Tr									
						23/W		<2cm core								"				0.27		296		12		0.2		2643
	190.3	58.0																										
db			SOS, mod-v.sil vic d/s <3cm	SOS <1.5cm	20	05/W (Low)		BED	15							NOD	25											
						10/W (")		<4mm dec d/s								<2cm dec d/s				0.33		0.85		22		3.0		2644
	201.0	61.3																										
			SOS <2cm	SOS <1cm	45	05/W (")		LAM	Tr							NOD	05											
								coarse grained								nr top				0.20		0.39		29		5.0		2645
	211.0	64.3														"												
			SOS	SOS dec ds	10	10/W	50	LAM	Tr	DISS	Tr																	
				rad. cherty ARGL	20	17/W		"		in cherty ARGL																		
						12/W																						
	230.0	70.1																										
			SOS	SOS	20	21/W	45	LAM	Tr	DISS	Tr					NOD	Tr											
						05/W		"		"						scattered <3cm												
				SOS	10																							
	250.0	76.2																										
			SOS	SOS	35	05/W		LAM	Tr	DISS	Tr					NOD	Tr											
				SOS	105	05/W		"		"						" <5cm												
	260.0	79.2																										
TH1 MIN'D			SOS	SOS	30	06/W		BED	05							NOD	15											
				SOS	Tr			<6mm								<1cm				0.96		0.92		29		0.4		2646
	261.7	79.8																										

GJV-DRIFTPILE CREEK PROJECT: LOG DDH 81-49.

COORD. _____ DIP _____ AZIM. _____ ELEV. _____ SIZE _____ STARTED _____ COMPLETED _____ LOGGED BY _____

VISUAL LOG	FOOTAGE Inter-section	FOOTAGE metres	PRIMARY LITHOLOGY	SECONDARY % INTERBEDS	CORE ANGLE Bedding W E	CORE ANGLE Structure W E	PYRITE Lam. % Thickness	PYRITE Diss. % Size	BARITE Bed. % Thickness	BARITE Bleb. % Size	CO_3 Type % Size	OTHER % Description	ANALYSES % ppm Pb	ANALYSES % ppm Zn	ANALYSES % ppm Cu	ANALYSES oz ppm Ag	Assay #
MIN'D			non-u.sil, gritty non-calc blk SHALE. TO		06/W 18/W		BED 40 <2cm				NOD 50 <2cm	Gl ¢ Sl in CO_3 NOD Tr	0.42	1.80	20	0.1	2647
MIN'D	270.0	82.3	SOS 115		05/W		BED 30 "				NOD 55 "	SOS Tr	0.41	2.22	21	0.6	2648
MIN'D	273.4	83.3	SOS 160 cherty sections		05/W 15/W		BED 10 "				NOD 30 "	nr SL top-BEDS < 5mm Tr	0.12	1.37	27	0.5	2649
MIN'D	280.0	85.3	SOS 80 v. major sil. shale.	SLSN < 6mm Tr scattered	30/W	45/	BED 05 "				NOD 15 <4cm	SL BEDS < 4mm scattered Tr	0.04	0.34	28	0.3	2650
MIN'D	288.0	87.8	SOS 190	SLSN " Tr	30/W 23/W		BED 05 "				NOD 05 "		120 ppm	0.19	32	0.4	2651
	300.2	91.4	SOS	SLSN " 05	14/W 15/W 20/W		BED Tr coarse scattered		BLEB Tr scattered intervals	BEAD Tr < 5mm scattered	NOD 10 < 5cm dec d/s		55 ppm	0.04	37	0.2	2652
	320.0	97.5	SOS minor calc. blk SHALE < 6cm	SLSN " 05	25/W 25/W		BED Tr "		BLEB Tr "	BEAD Tr "	NOD 05 "						
	338.0	103.0	massive bdd, non to mod sil, vfg to slightly gritty non-calc blk SHALE	SLSN " Tr	25/W 00/W		BED Tr "			BEAD Tr	SEPT Tr <3cm scattered						
	360.0	109.7	SOS	SLSN " Tr <4cm @ base	45/FLAT 43/FLAT					BEAD Tr "	SEPT Tr "						
END	367.0	118.9	END														

ARCHER, CATHRO
& ASSOCIATES LIMITED
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VANCOUVER, B.C. (604) 688-2568

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1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

RECEIVED
APR 21 1982

April 20, 1982

Mr. A. Reeve,
Castlemaine Exploration Ltd.,
904 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Dear Bert:

Please find enclosed a copy of an exploration summary of the Driftpile property handed out this morning at the GJV meeting with Placer Development.

Yours truly,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED,

R.C. Carne

RCC/jjm
Encl.

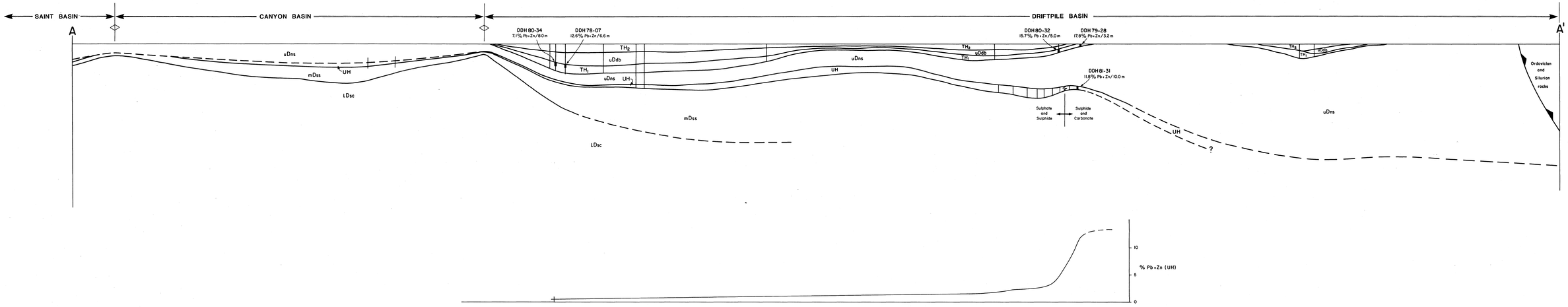

Fig. 12

ARCHER, CATHRO & ASSOCIATES (1981) LTD.

STRUCTURALLY RESTORED LONGITUDINAL SECTION

PLACER SYNDICATE OPTION

GATAGA JOINT VENTURE

SCALE – 1:5,000

100 50 0 50 100 200 300 400 Metres

100 50 0 50 100 200 300 400 Yards

To accompany report dated April 30, 1982