

87-507-16191



Volume IV of
REPORT ON PHASE II AND III
GEOLOGY, GEOPHYSICS AND DIAMOND DRILLING
SCOTCH CREEK PROPERTY
(Celista Group) 8/88

Kamloops Mining Division
NTS 82L/14, 50°58'N Lat, 119°26'W Long.

for

NEXUS RESOURCE CORPORATION

February, 1987

G.R. Cope B.Sc. & T.G. Hawkins, P.Geol.

FILMED

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Appendix VIIb

FIGURES S1-S14, DIAMOND DRILLHOLE SECTIONS

280° ←

→ 100°

LEGEND

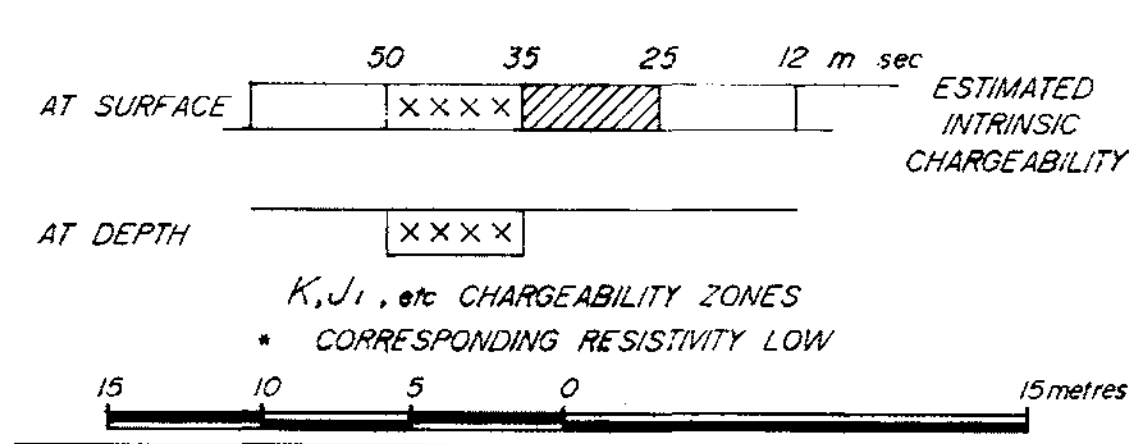
LITHOLOGIES

- 1 Chlorite schist
 - 1a Calcareous chlorite - sericite schist
 - 1b Calcareous chlorite - graphite schist
 - 1c Calcareous chlorite - graphite - sericite schist
 - 1d Calcareous chlorite schist
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- 5 Graphite schist
- 6 Carbonate - sericite schist
- 7 Graphitic meta-mudstone to graphitic phyllite

ABBREVIATIONS

- S - Sericite carb - Carbonate EOH - End of hole
- C - Chlorite qtz - Quartz AZ - Azimuth
- G - Graphite ca - Calcareous
- T - Talc bsit - Basalt
- ep - Epidote bx - Breccia
- py - Pyrite grnstr - Greenstone
- fu - Fuchsite cglit - Conglomerate

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION

DDH - SC86 - 19,20,21

SCOTCH CREEK PROPERTY

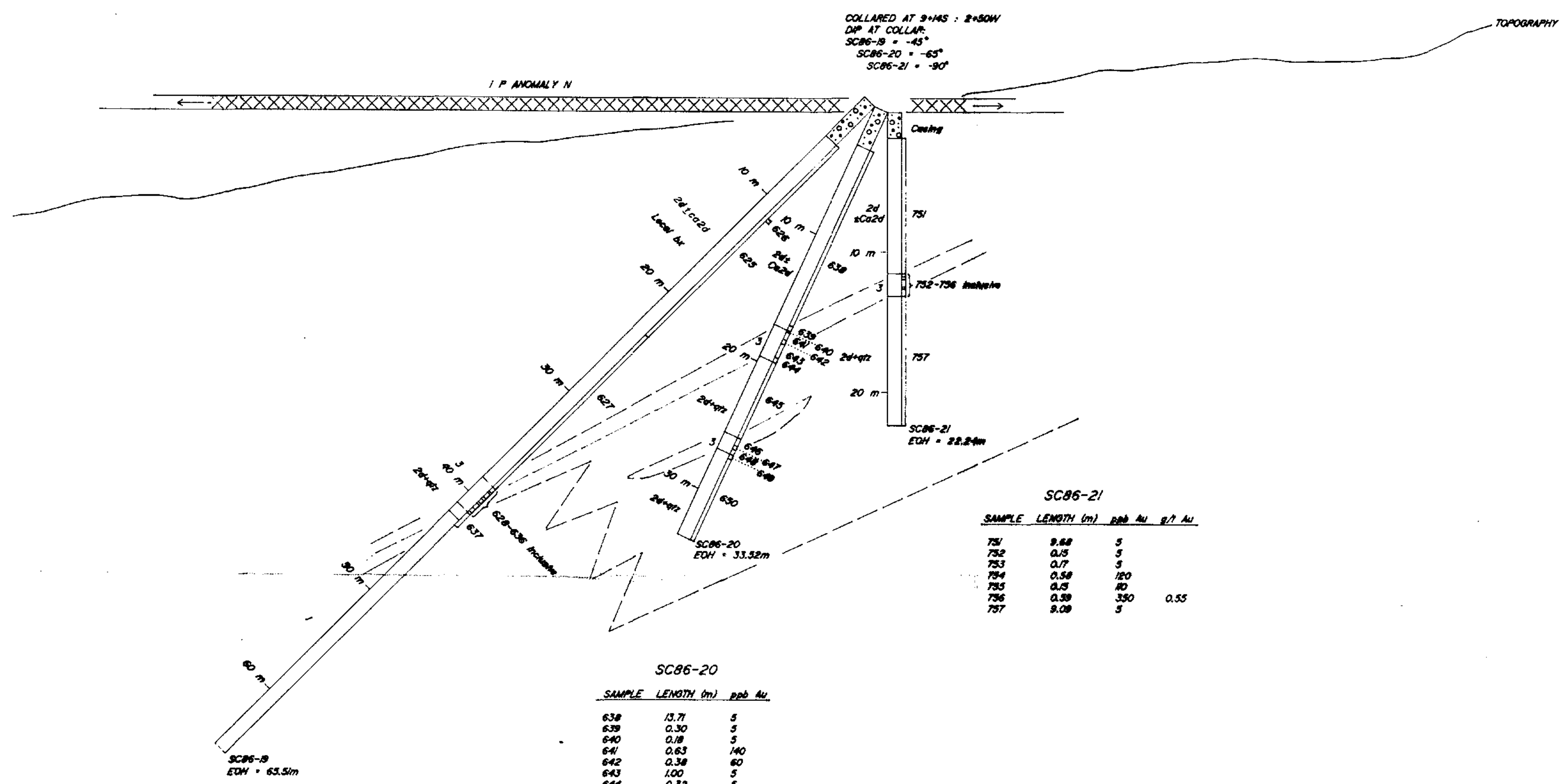
KAMLOOPS MINING DIVISION

Project No: V 237	By: GRC
Scale: 1:250	Drawn: GRC
Drawing No: S13	Date: FEBRUARY, 1987

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990 —
980 —
970 —
960 —
950 —
940 —
930 —
920 —
910 —
900 —

ELEVATION IN METRES ABOVE SEA LEVEL



SC86-19

SAMPLE	LENGTH (m)	ppb Au	g/t Au
625	19.24	5	
626	0.22	5	
627	23.34	5	
628	0.28	20	
629	0.16	1840	2.08
630	0.46	380	0.3
631	0.18	420	0.34
632	0.32	370	0.5
633	0.25	180	
634	0.46	40	
635	0.33	40	
636	0.21	5	
637	1.45	5	

SC86-20

SAMPLE	LENGTH (m)	ppb Au	g/t Au
638	13.71	5	
639	0.30	5	
640	0.18	5	
641	0.63	140	
642	0.38	40	
643	1.00	5	
644	0.32	5	
645	3.84	5	
646	0.48	5	
647	0.20	5	
648	0.50	40	
649	0.42	5	
650	6.50	5	

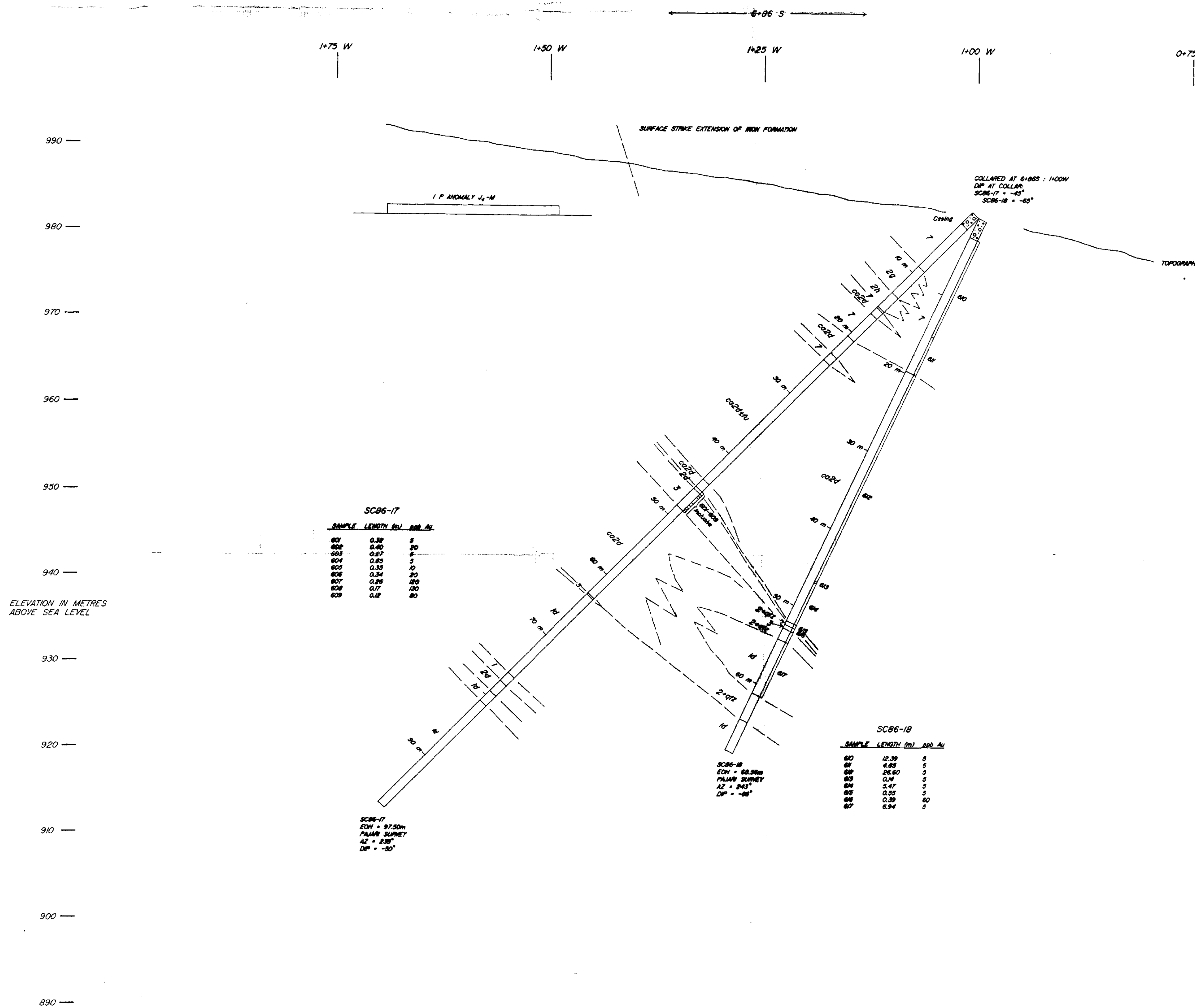
SC86-21

SAMPLE	LENGTH (m)	ppb Au	g/t Au
751	8.88	5	
752	0.15	5	
753	0.17	5	
754	0.58	120	
755	0.25	40	
756	0.38	350	0.55
757	8.08	5	

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245° ←

→ 090°



SC86-17

SAMPLE	LENGTH (m)	ppb Au
801	0.52	5
802	0.40	5
803	0.27	5
804	0.85	5
805	0.35	10
806	0.34	20
807	0.26	100
808	0.17	100
809	0.12	80

SC86-18

SAMPLE	LENGTH (m)	ppb Au
810	12.30	5
811	4.85	5
812	26.60	5
813	0.24	5
814	5.47	5
815	0.35	5
816	0.39	60
817	6.94	5

SC86-17
 EOH = 97.50m
 PALM SURVEY
 AZ = 243°
 DIP = -30°

SC86-18
 EOH = 68.96m
 PALM SURVEY
 AZ = 243°
 DIP = -66°

LEGEND

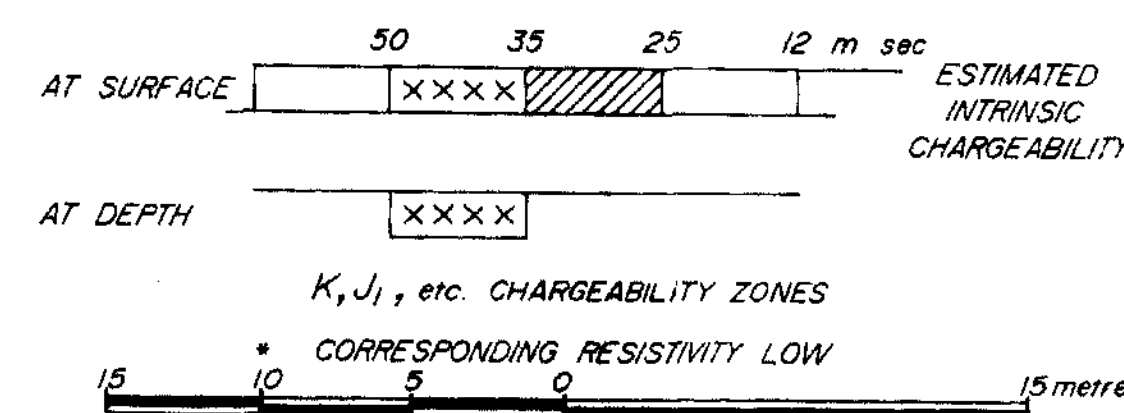
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ABBREVIATIONS

- S - Sericite
- C - Chlorite
- G - Graphite
- T - Talc
- ep - Epidote
- py - Pyrite
- fu - Fuchsite
- carb - Carbonate
- qtz - Quartz
- ca - Calcareous
- bslt - Basalt
- bx - Breccia
- grnstin - Greenstone
- cglf - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



GEOLOGICAL BRANCH
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NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
DDH - SC86 - 17, 18
SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

Project No: V 237	By: GRC
Scale: 1: 250	Drawn: GRC
Drawing No: S12	Date: FEBRUARY, 1987



drawings by SIMS ASSOCIATES;
 PO. BOX 1322, QUALICUM BEACH, BC, V0P 2T0

270° ←

→ 090°

LEGEND

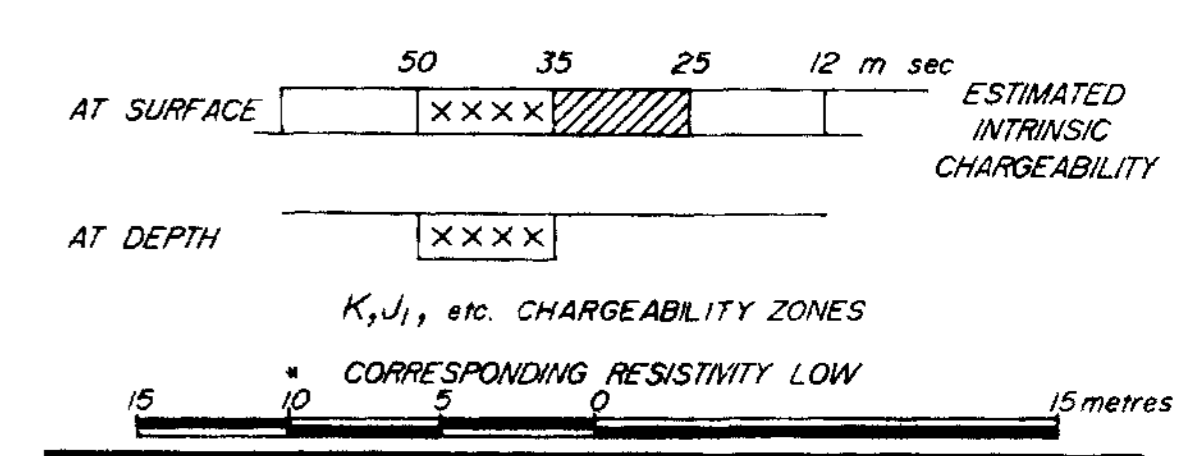
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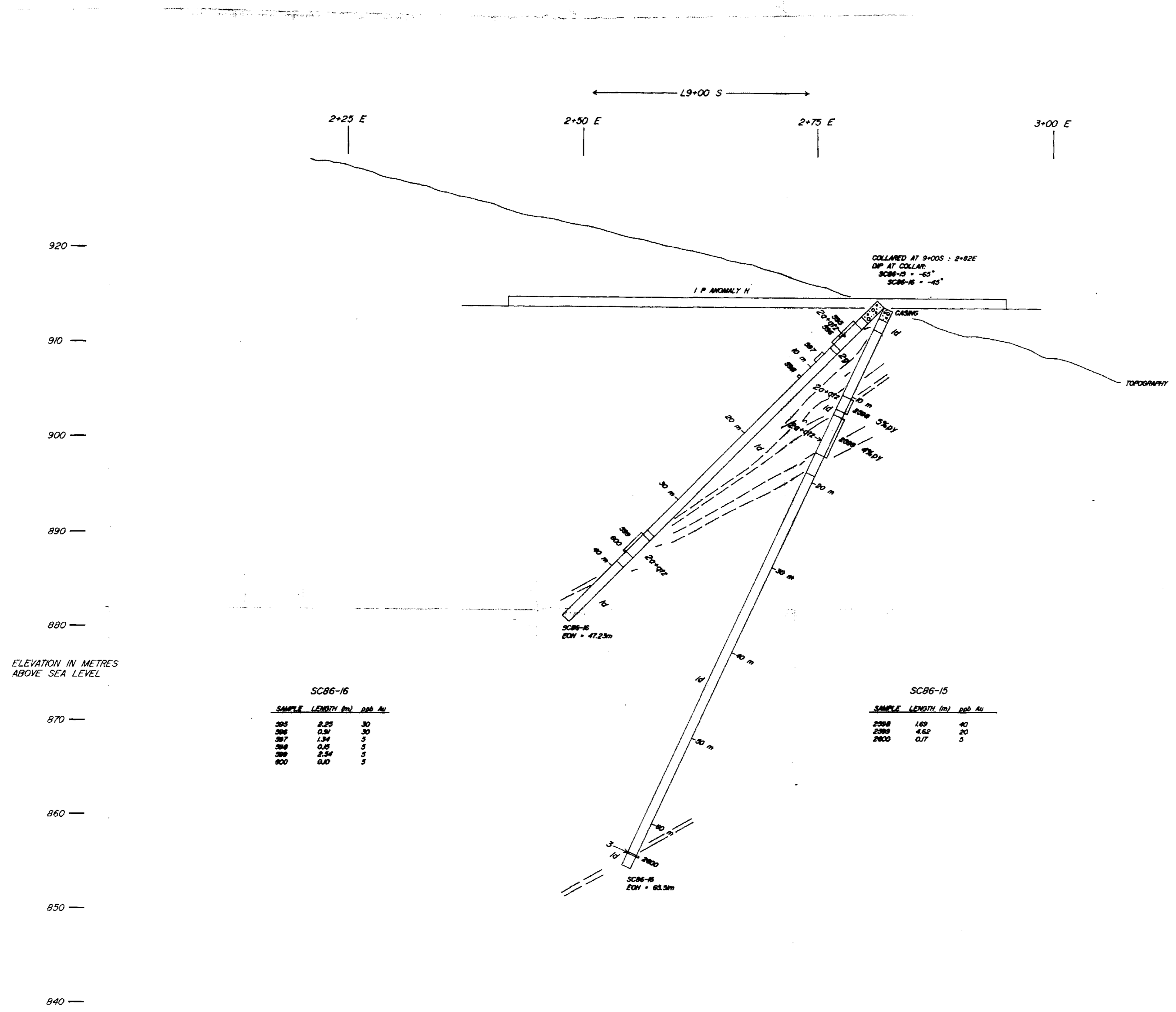
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- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



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SC86-16

SAMPLE	LENGTH (m)	ppb Au
395	2.25	30
396	0.91	30
397	1.34	5
398	0.15	5
399	2.54	5
800	0.00	5

SC86-15

SAMPLE	LENGTH (m)	ppb Au
2096	1.69	40
2098	4.62	20
2000	0.07	5

NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION

DDH - SC86 - 15,16

SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

Project No. V 237	By: GRC
Scale: 1:250	Drawn: GRC
Drawing No: S11	Date: FEBRUARY, 1987

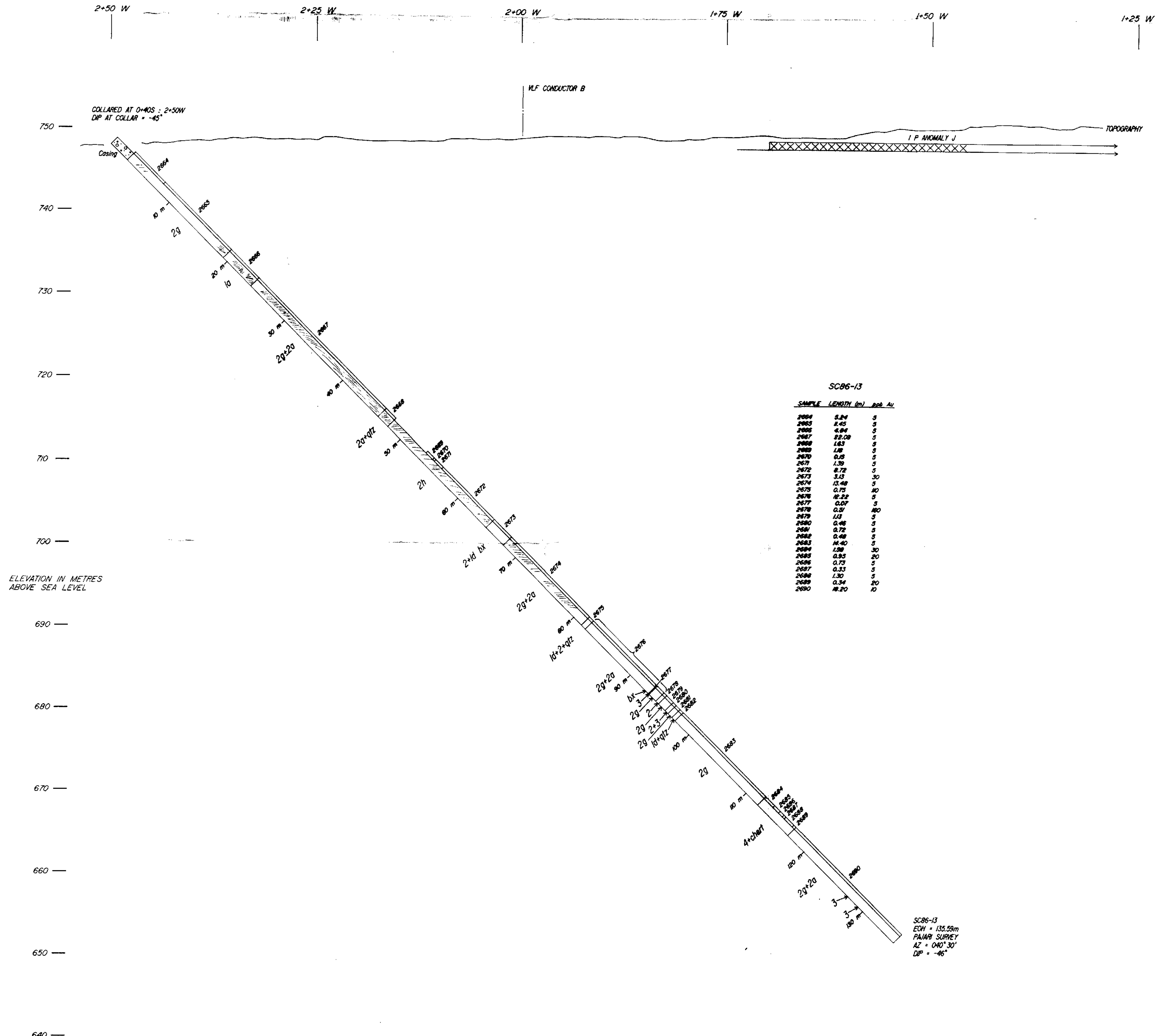
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Drawings by SIMS ASSOCIATES, P.O. BOX 187, QUALICUM BEACH, B.C. V0R 2T0 TEL: (604) 752-7171 FILE: 87-22-0

270° ←

← 0+40 S →

→ 090°



SC86-13

SAMPLE	LENGTH (m)	sp. wt.	Az.
2604	0.24	S	
2605	0.45	S	
2606	0.66	S	
2607	0.08	S	
2608	1.63	S	
2609	1.0	S	
2610	0.5	S	
2611	1.39	S	
2612	0.72	S	
2613	1.13	30	
2614	13.48	S	
2615	0.75	10	
2616	0.22	S	
2617	0.07	S	
2618	0.27	180	
2619	1.13	S	
2620	0.46	S	
2621	0.72	S	
2622	0.48	S	
2623	14.40	S	
2624	1.28	30	
2625	0.53	20	
2626	0.73	S	
2627	0.33	S	
2628	1.30	S	
2629	0.54	20	
2630	18.20	10	

ELEVATION IN METRES ABOVE SEA LEVEL

LEGEND

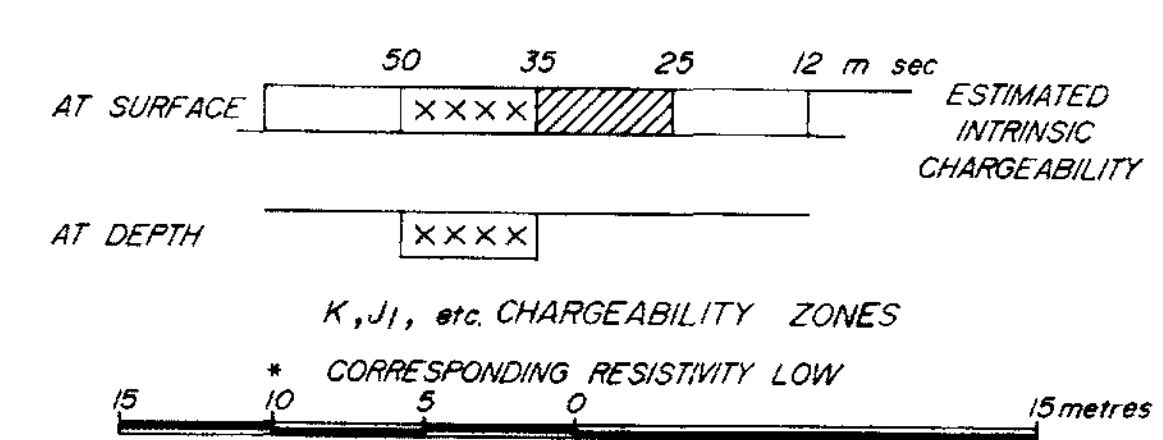
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- grnsln - Greenstone
- cglf - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
DDH - SC86 - 13
SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

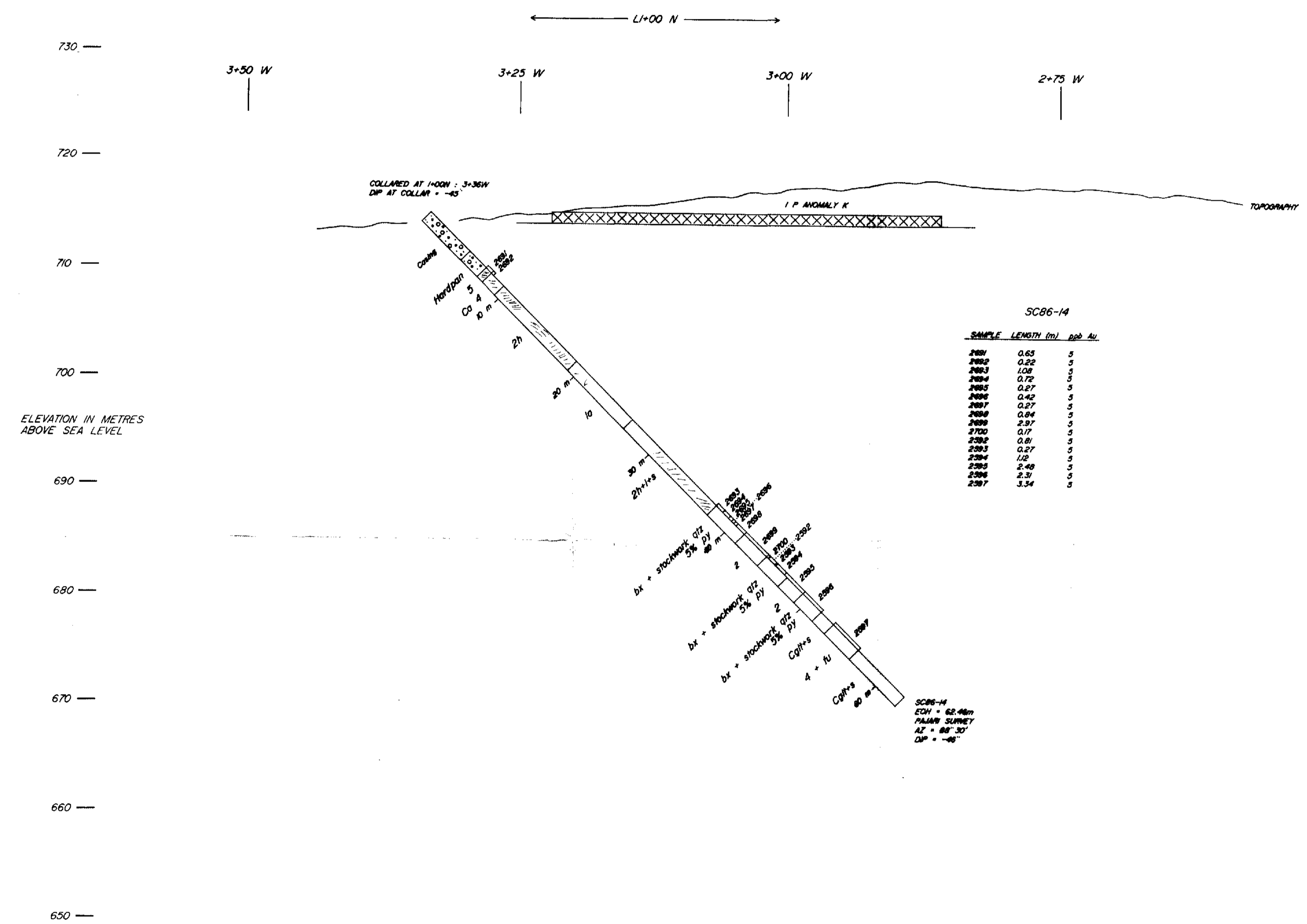
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GEOLOGICAL BRANCH
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270° ←

→ 090°



LEGEND

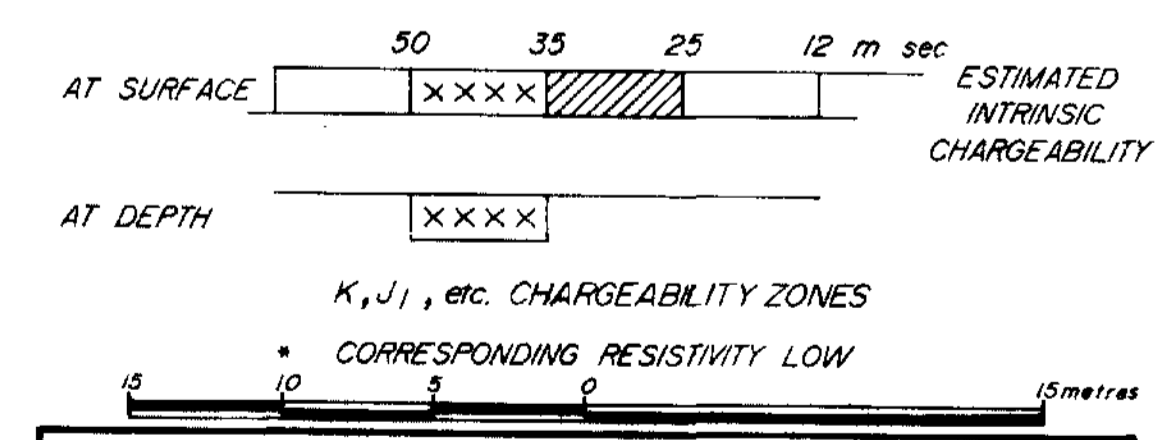
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- qtz - Quartz
- ca - Calcareous
- bs/t - Basalt
- bx - Breccia
- grn/stn - Greenstone
- cglt - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
DDH - SC86 - 14
SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

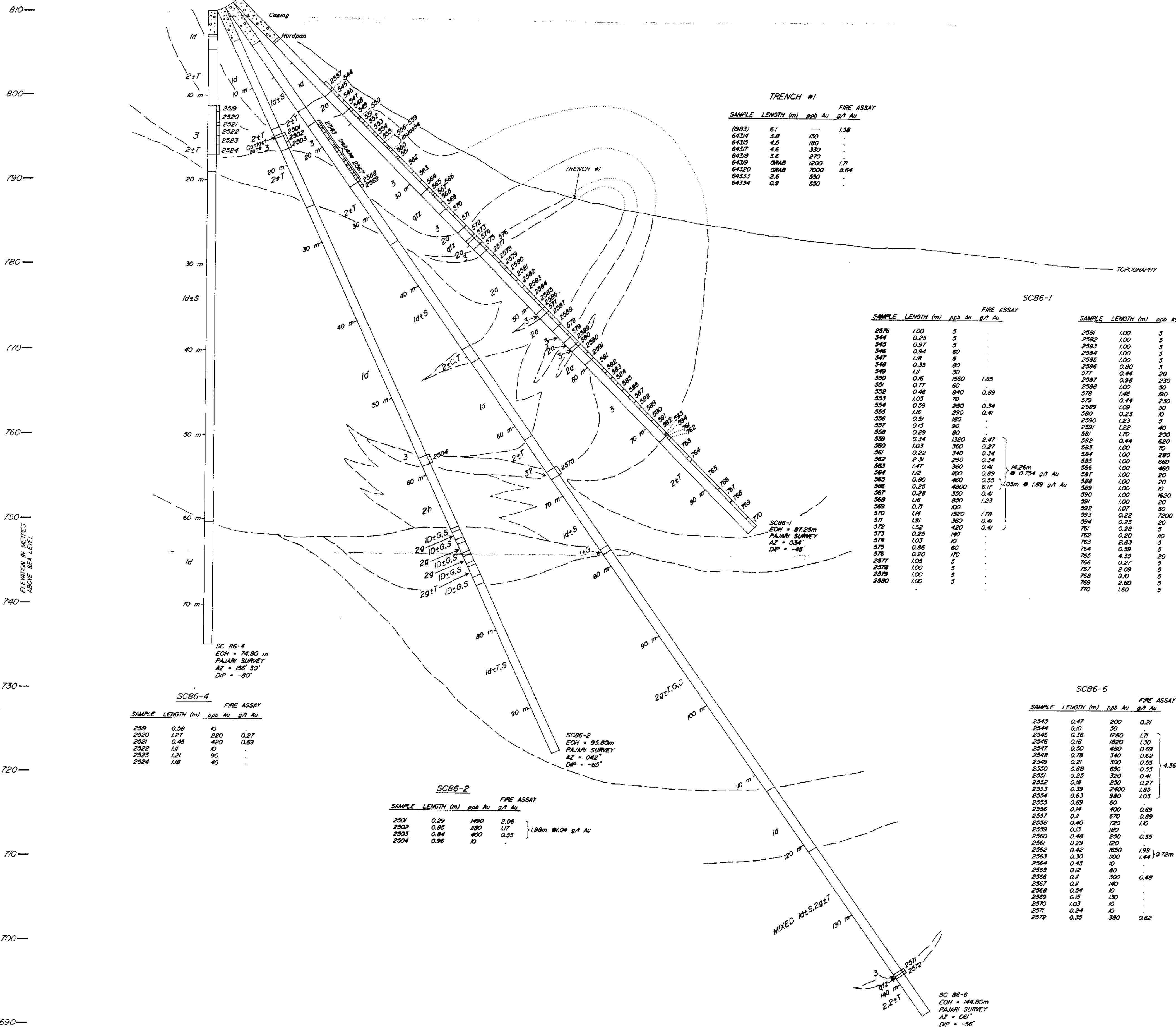
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Drawing No:	S10	Date:	FEBRUARY, 1987



GEOLOGICAL BRANCH
ASSESSMENT REPORT
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215° ← → 065°

COLLARED AT 1+655 : 1+631W
 DIP AT COLLAR:
 SC86-4 = 90°
 SC86-2 = -65°
 SC86-6 = -55°
 SC86-1 = -45°



TRENCH #1

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
19933	6.1	---	1.38
64314	3.8	350	..
64315	4.5	180	..
64317	4.6	330	..
64318	3.6	270	..
64319	GRAB	1200	1.7
64320	GRAB	7000	8.64
64333	2.6	350	..
64334	0.9	550	..

SC86-1

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2576	1.00	5	..
544	0.25	5	..
545	0.97	5	..
546	0.94	60	..
547	1.18	5	..
548	0.35	80	..
549	1.1	30	..
550	0.16	1560	1.85
551	0.77	60	..
552	0.46	840	0.89
553	1.05	70	..
554	0.59	280	0.34
555	1.16	290	0.41
556	0.5	180	..
557	0.75	90	..
558	0.29	80	..
559	0.34	1320	2.47
560	1.03	360	0.27
561	0.22	340	0.34
562	2.3	290	0.34
563	1.47	360	0.41
564	1.2	100	0.89
565	0.80	460	0.55
566	0.25	4800	6.17
567	0.28	350	0.41
568	1.6	850	1.23
569	0.7	120	..
570	1.14	1520	1.78
571	1.91	360	0.41
572	1.52	420	0.41
573	0.25	140	..
574	1.03	10	..
575	0.86	60	..
576	0.20	170	..
577	1.03	5	..
2578	1.00	5	..
2579	1.00	5	..
2580	1.00	5	..

SC86-1

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2581	1.00	5	..
2582	1.00	5	..
2583	1.00	5	..
2584	1.00	5	..
2585	1.00	5	..
2586	0.80	5	..
577	0.44	20	..
2587	0.98	230	0.14
2588	1.00	50	..
578	1.46	80	..
579	0.44	230	0.21
2589	1.08	30	..
2590	0.23	10	..
2591	1.23	5	..
581	1.70	40	..
582	0.44	200	0.14
583	1.00	70	..
584	1.00	280	0.14
585	1.00	660	0.89
586	1.00	460	0.41
587	1.00	20	..
588	1.00	20	..
589	1.00	10	..
590	1.00	1620	1.23
591	1.00	20	..
592	1.07	50	..
593	0.22	7200	9.05
594	0.25	20	..
761	0.28	5	..
762	0.20	10	..
763	2.83	5	..
764	0.59	5	..
765	4.35	20	..
766	0.27	5	..
767	2.08	5	..
768	0.10	5	..
769	2.60	5	..
770	1.60	5	..

SC86-4

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2519	0.58	10	..
2520	1.27	220	0.27
2521	0.45	420	0.89
2522	1.1	10	..
2523	1.21	90	..
2524	1.18	40	..

SC86-2

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2501	0.29	1480	2.06
2502	0.85	1180	1.17
2503	0.84	400	0.53
2504	0.96	10	..

SC86-6

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2543	0.47	200	0.21
2544	0.10	50	..
2545	0.36	1280	1.71
2546	0.18	1820	1.30
2547	0.50	480	0.69
2548	0.78	340	0.62
2549	0.21	300	0.55
2550	0.68	650	0.55
2551	0.25	320	0.41
2552	0.18	250	0.27
2553	0.39	2400	1.85
2554	0.63	980	1.03
2555	0.69	60	..
2556	0.14	400	0.69
2557	0.1	670	0.89
2558	0.40	720	1.0
2559	0.13	180	..
2560	0.48	250	0.55
2561	0.29	120	..
2562	0.42	1630	1.99
2563	0.30	100	..
2564	0.45	10	..
2565	0.12	80	..
2566	0.1	300	0.48
2567	0.1	140	..
2568	0.34	10	..
2569	0.15	130	..
2570	1.03	10	..
2571	0.24	10	..
2572	0.35	380	0.62

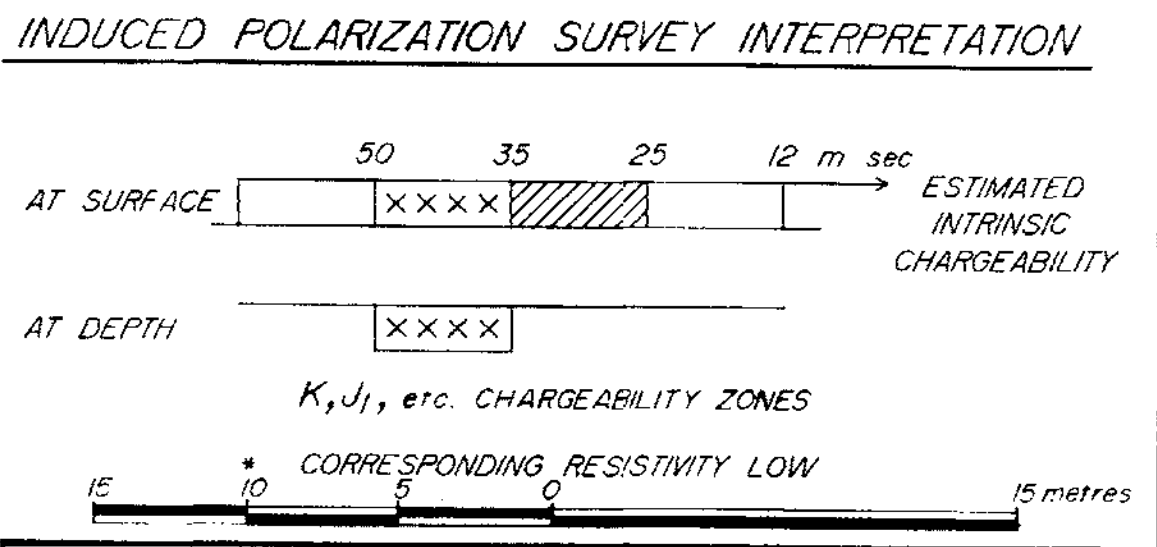
LEGEND

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ABBREVIATIONS

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NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION

DDH - SC86 - 1, 2, 4, 6

SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

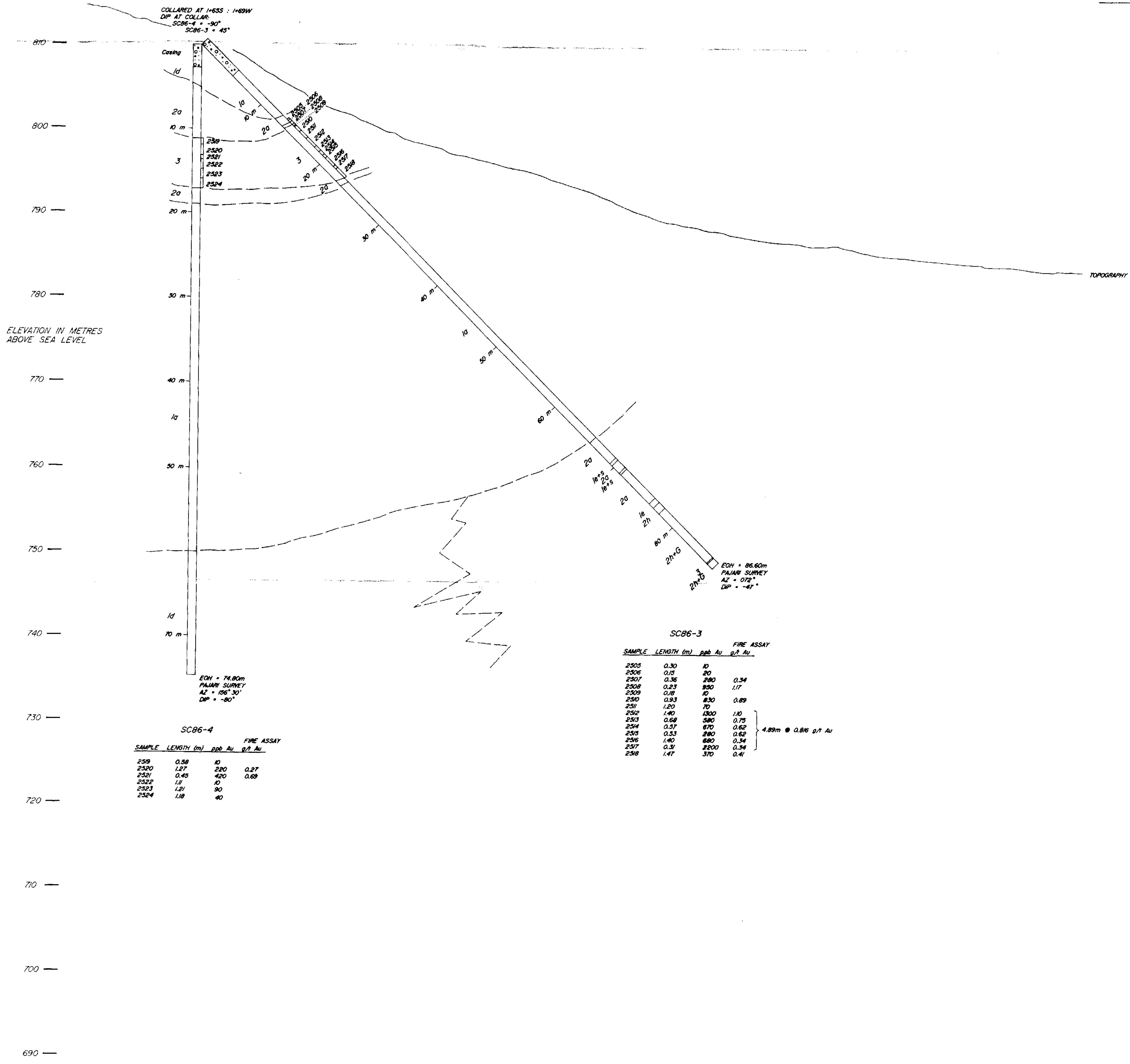
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Scale: 1 : 250	Drawn: GRC
Drawing No: S1	Date: FEBRUARY, 1987

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 GEOLOGICAL BRANCH
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SC86-3

SAMPLE	LENGTH (m)	ppb Au	g/t Au
2505	0.30	10	
2506	0.15	20	
2507	0.36	280	0.34
2508	0.23	950	1.17
2509	0.18	10	
2510	0.93	830	0.89
2511	1.20	70	
2512	1.40	1300	1.10
2513	0.68	580	0.75
2514	0.57	870	0.62
2515	0.33	280	0.62
2516	1.40	680	0.34
2517	0.31	2200	0.34
2518	1.47	370	0.41

4.89m @ 0.816 g/t Au

SC86-4

SAMPLE	LENGTH (m)	ppb Au	g/t Au
2508	0.58	10	
2520	1.27	220	0.27
2521	0.45	420	0.69
2522	1.1	10	
2523	1.21	90	
2524	1.18	40	

LEGEND

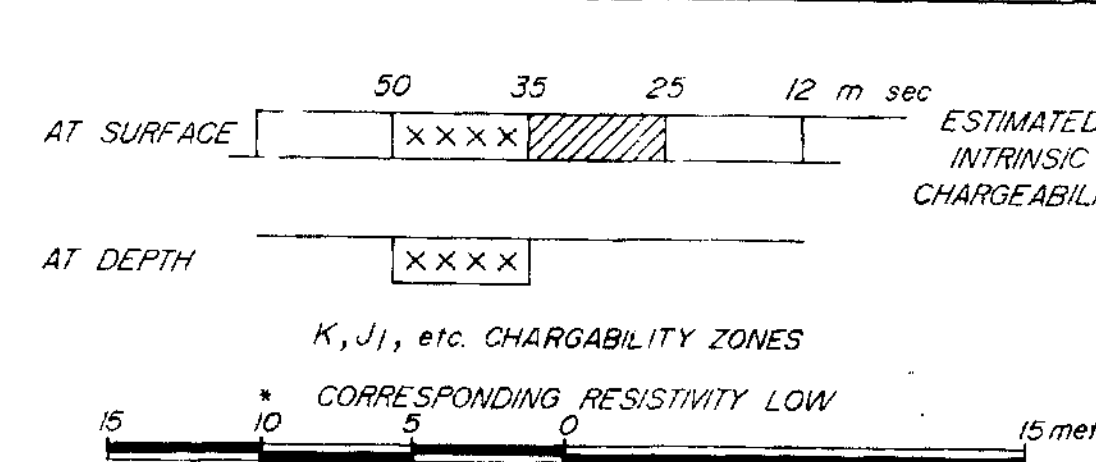
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 - 2d Sericite - talc schist
 - 2e Sericite - quartz schist
 - 2f Sericite - chlorite - quartz schist
 - 2g Calcareous sericite schist
 - 2h Calcareous sericite - chlorite schist
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- 4 Quartz - sericite schist.
- 5 Graphite schist
- 6 Carbonate - sericite schist
- 7 Graphitic meta-mudstone to graphitic phyllite

ABBREVIATIONS

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- G - Graphite
- T - Talc
- ep - Epidote
- py - Pyrite
- fu - Fuchsite
- carb - Carbonate
- qtz - Quartz
- ca - Calcareous
- bslt - Basalt
- bx - Breccia
- grnsl - Greenstone
- cglf - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION

DDH - SC86 - 3, 4

SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

Project No: V 237	By: GRC
Scale: 1 : 250	Drawn: GRC
Drawing No: 52	Date: FEBRUARY, 1987

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GEOLOGICAL BRANCH
 ASSESSMENT REPORT PART 7
 16,191 of 4

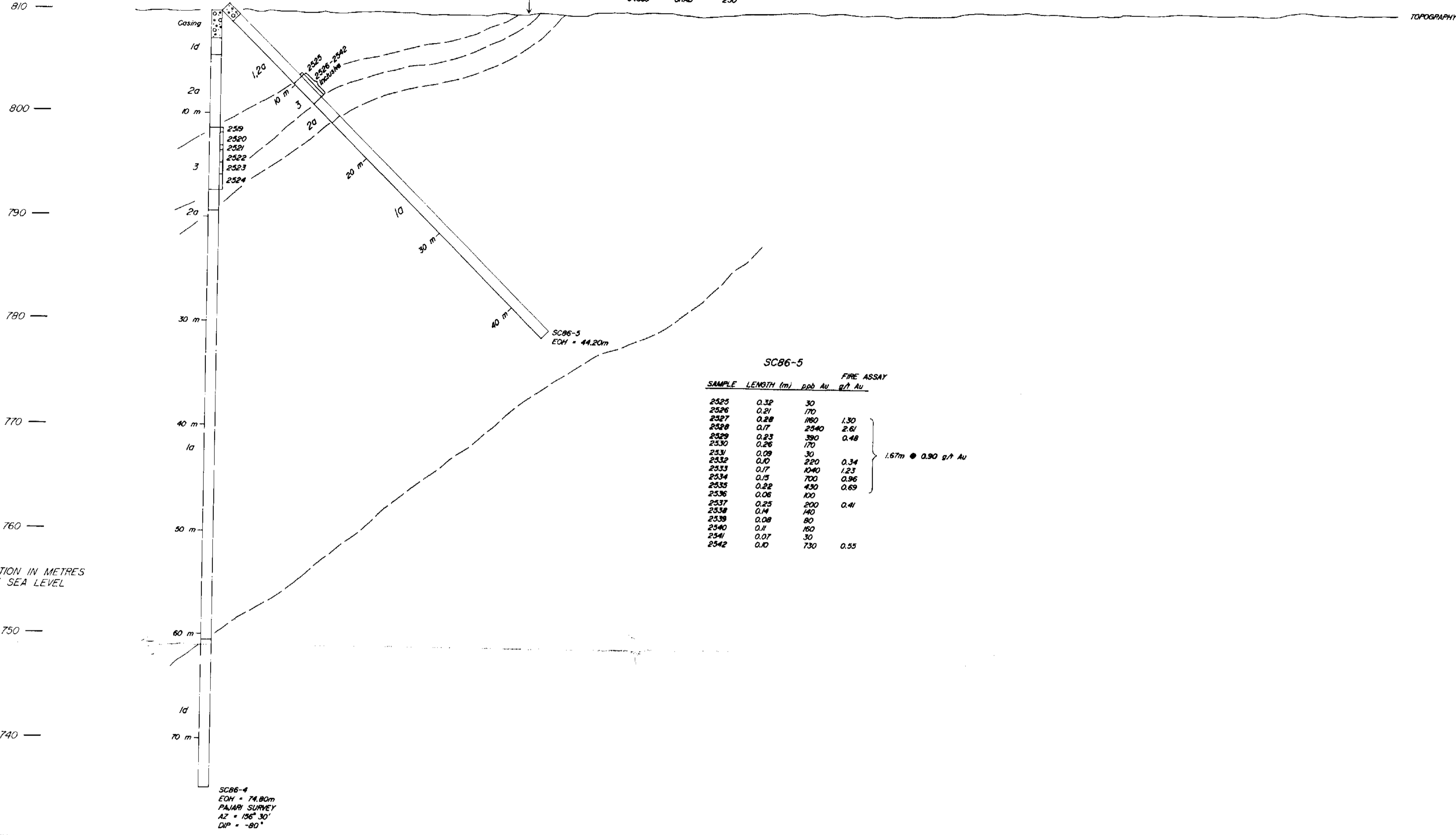
305° ←

→ 125°

COLLARED AT 14655 : 1465W
DIP AT COLLAR:
SC86-4 = -90°
SC86-5 = -45°

TRENCH#5

SAMPLE	LENGTH (m)	ppb Au
9423	0.94	330
9424	0.94	1440
64335	0.94	580
64336	4.80	270
64337	0.94	580
64338	0.94	230



SC86-5

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
2525	0.32	30	
2526	0.21	170	
2527	0.28	180	1.30
2528	0.17	2540	2.61
2529	0.23	390	0.48
2530	0.26	170	
2531	0.09	30	
2532	0.10	220	0.34
2533	0.17	1040	1.23
2534	0.15	700	0.96
2535	0.22	430	0.69
2536	0.06	100	
2537	0.25	200	0.41
2538	0.14	140	
2539	0.08	80	
2540	0.1	160	
2541	0.07	30	
2542	0.10	730	0.55

1.67m @ 0.90 g/t Au

SC86-4

SAMPLE	LENGTH (m)	ppb Au	FIRE ASSAY g/t Au
259	0.58	10	
2520	1.27	220	0.27
2521	0.45	420	0.69
2522	1.1	10	
2523	1.21	90	
2524	1.18	40	

LEGEND

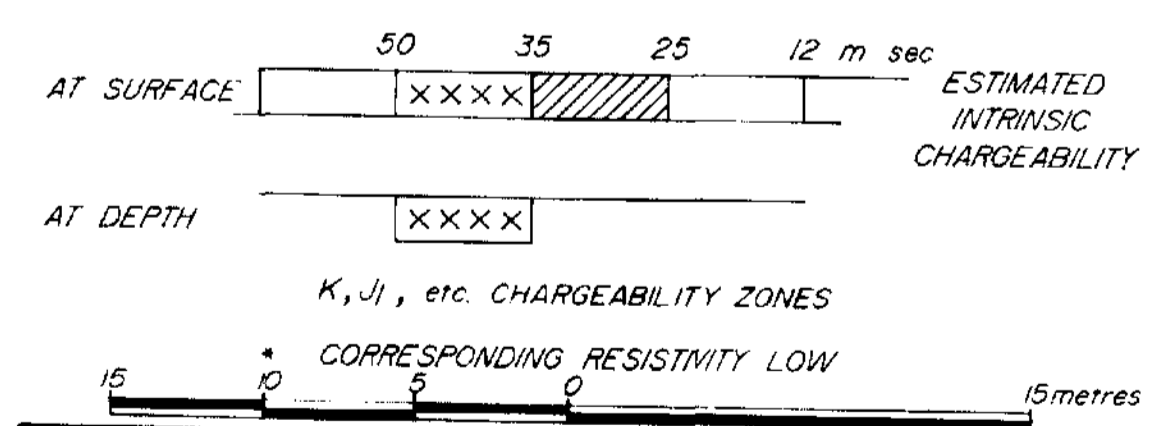
LITHOLOGIES

- 1 Chlorite schist
 - 1a Calcareous chlorite - sericite schist
 - 1b Calcareous chlorite - graphite schist
 - 1c Calcareous chlorite - graphite - sericite schist
 - 1d Calcareous chlorite schist
 - 1e Non-calcareous chlorite - graphite schist
- 2 Sericite schist
 - 2a Sericite - chlorite schist
 - 2b Sericite - chlorite - graphite schist
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 - 2e Sericite - quartz schist
 - 2f Sericite - chlorite - quartz schist
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- fu - Fuchsite
- carb - Carbonate
- qtz - Quartz
- ca - Calcareous
- bslt - Basalt
- bx - Breccia
- grnstin - Greenstone
- cglf - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



GEOLOGICAL BRANCH
 ASSESSMENT REPORT PART
16,191
 4 OF 4

NEXUS RESOURCE CORPORATION

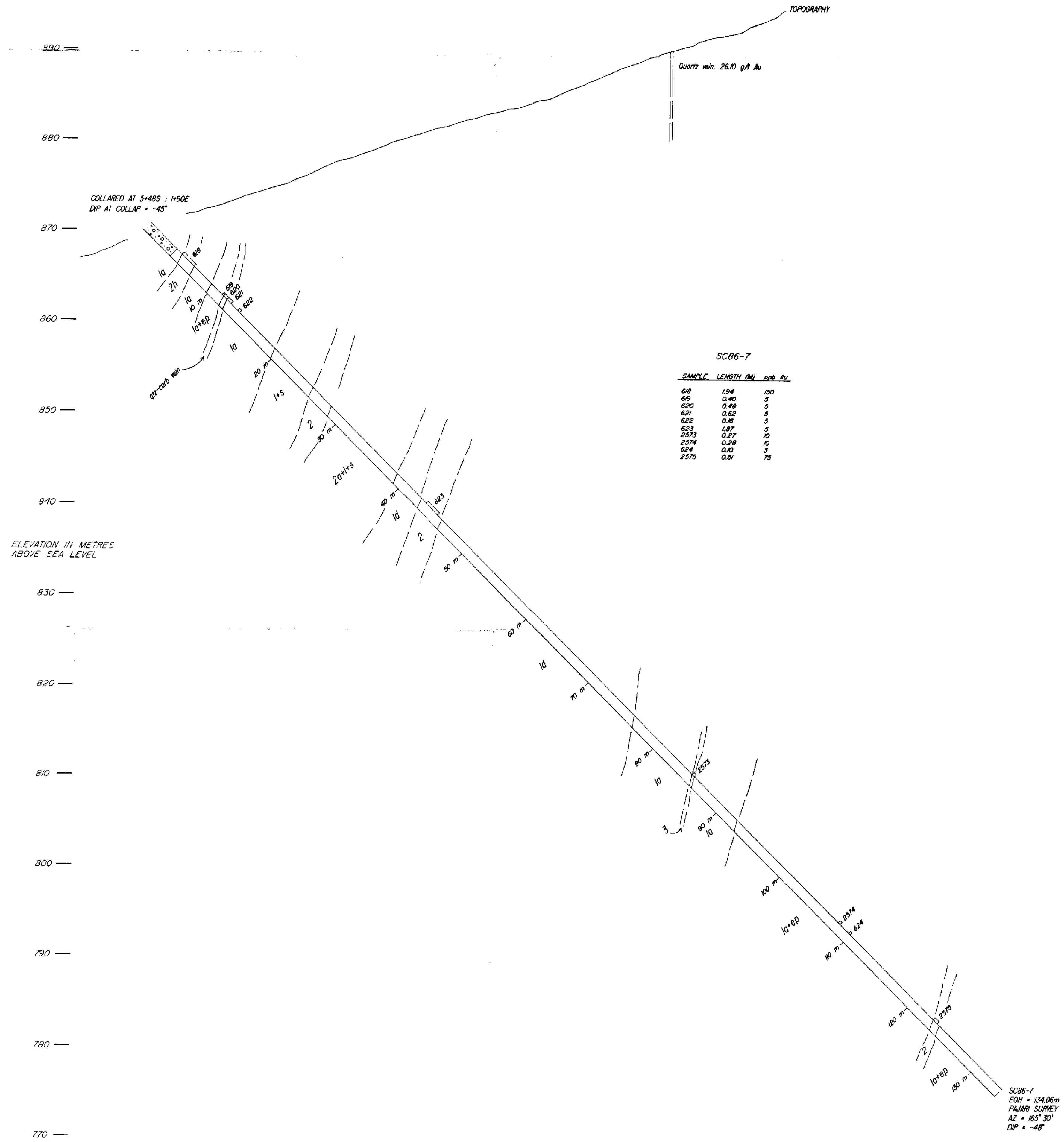
DRILL HOLE SECTION
 DDH - SC86 - 4, 5
 SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION
 Project No: V 237 By: GRC
 Scale: 1:250 Drawn: GRC
 Drawing No: S 3 Date: FEBRUARY, 1987



339° ←

→ 159°



LEGEND

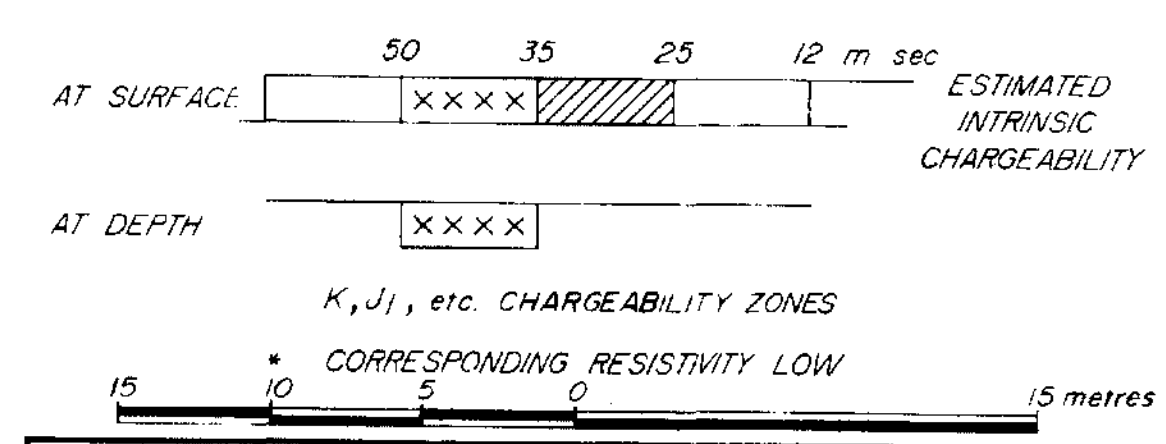
LITHOLOGIES

- 1 Chlorite schist
 - 1a Calcareous chlorite - sericite schist
 - 1b Calcareous chlorite - graphite schist
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- fu - Fuchsite
- carb - Carbonate
- qtz - Quartz
- ca - Calcareous
- bslt - Basalt
- bx - Breccia
- grnsl - Greenstone
- cgl - Conglomerate
- EOH - End of hole
- AZ - Azimuth

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION
DRILL HOLE SECTION
DDH - SC86 - 7
SCOTCH CREEK PROPERTY
KAMLOOPS MINING DIVISION

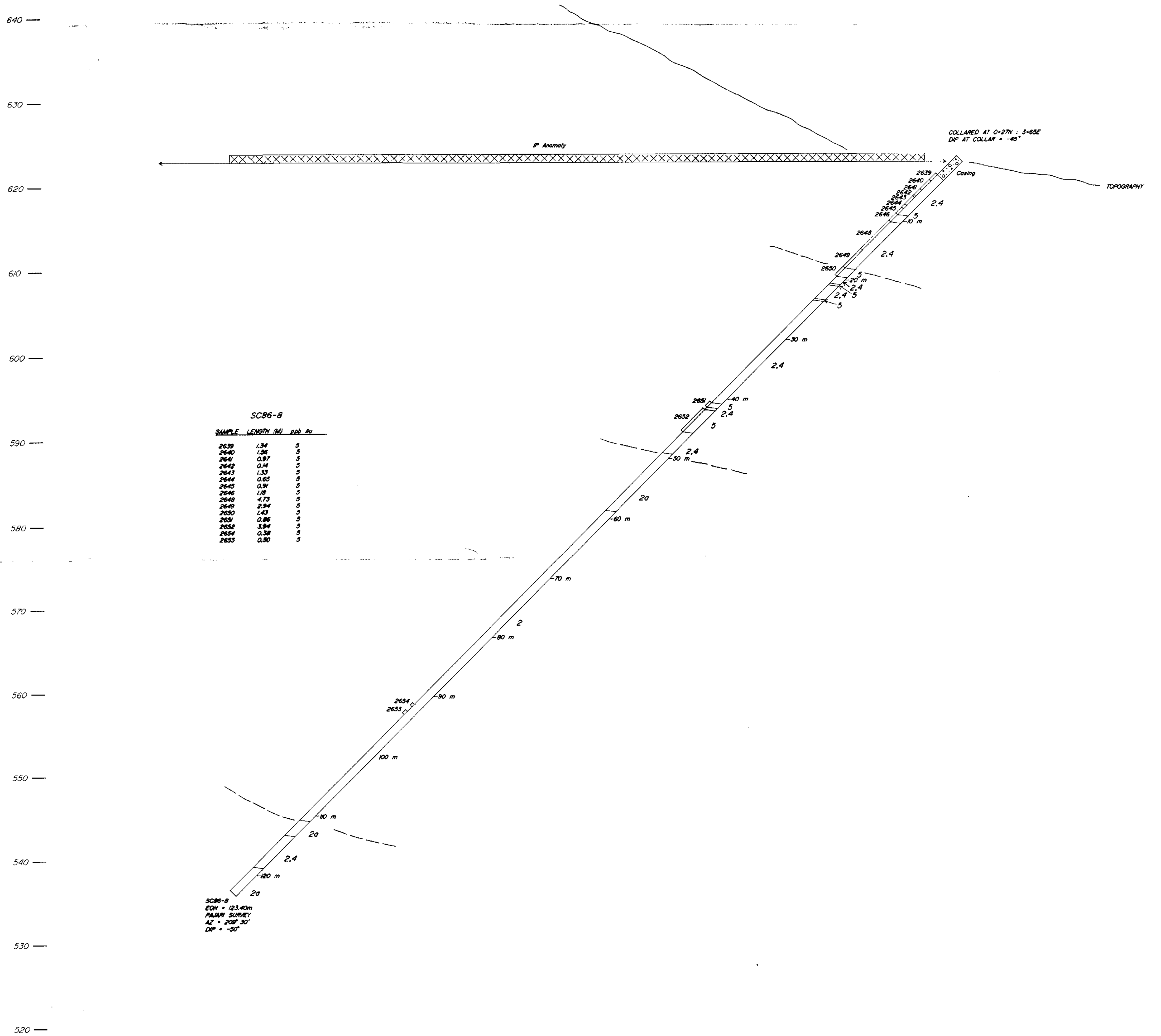
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Scale:	1: 250	Drawn:	GRC
Drawing No:	S4	Date:	FEBRUARY, 1987



GEOLOGICAL BRANCH
ASSESSMENT REPORT
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215° ←

→ 035°



SC86-8

SAMPLE	LENGTH (M)	DP	AZ
2630	1.34	5	
2640	1.56	5	
2641	0.97	5	
2642	0.44	5	
2643	1.53	5	
2644	0.65	5	
2645	0.91	5	
2646	1.18	5	
2648	4.73	5	
2649	2.94	5	
2650	1.43	5	
2651	0.96	5	
2652	1.94	5	
2654	0.38	5	
2653	0.50	5	

SC86-8
 EOH = 123.40m
 PALM SURVEY
 AZ = 208° 30'
 DP = -50°

LEGEND

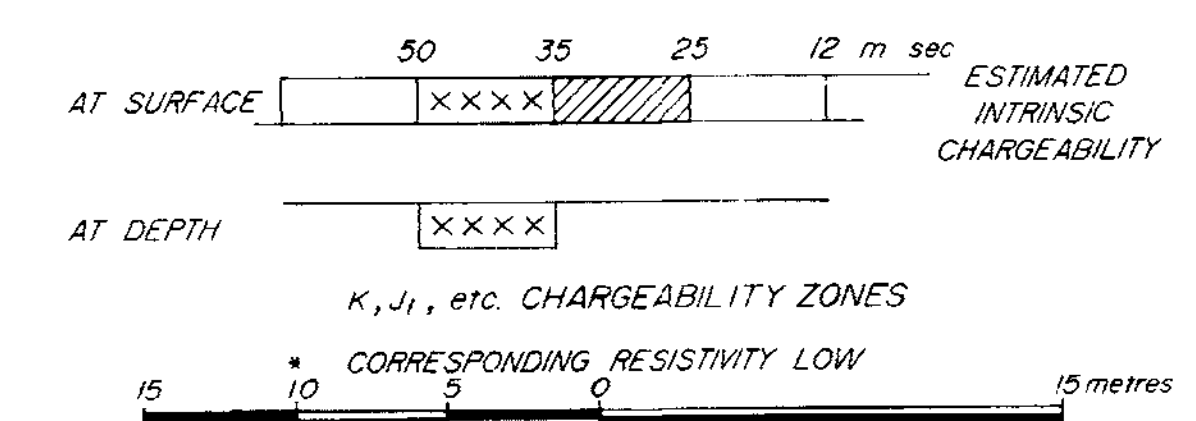
LITHOLOGIES

- 1 Chlorite schist
 - 1a Calcareous chlorite - sericite schist
 - 1b Calcareous chlorite - graphite schist
 - 1c Calcareous chlorite - graphite - sericite schist
 - 1d Calcareous chlorite schist
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ABBREVIATIONS

- | | | |
|---------------|---------------------|-------------------|
| S - Sericite | carb - Carbonate | EOH - End of hole |
| C - Chlorite | qtz - Quartz | AZ - Azimuth |
| G - Graphite | ca - Calcareous | |
| T - Talc | bslt - Basalt | |
| ep - Epidote | bx - Breccia | |
| py - Pyrite | grnstn - Greenstone | |
| fu - Fuchsite | cglf - Conglomerate | |

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
 DDH - SC86 - 8
 SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

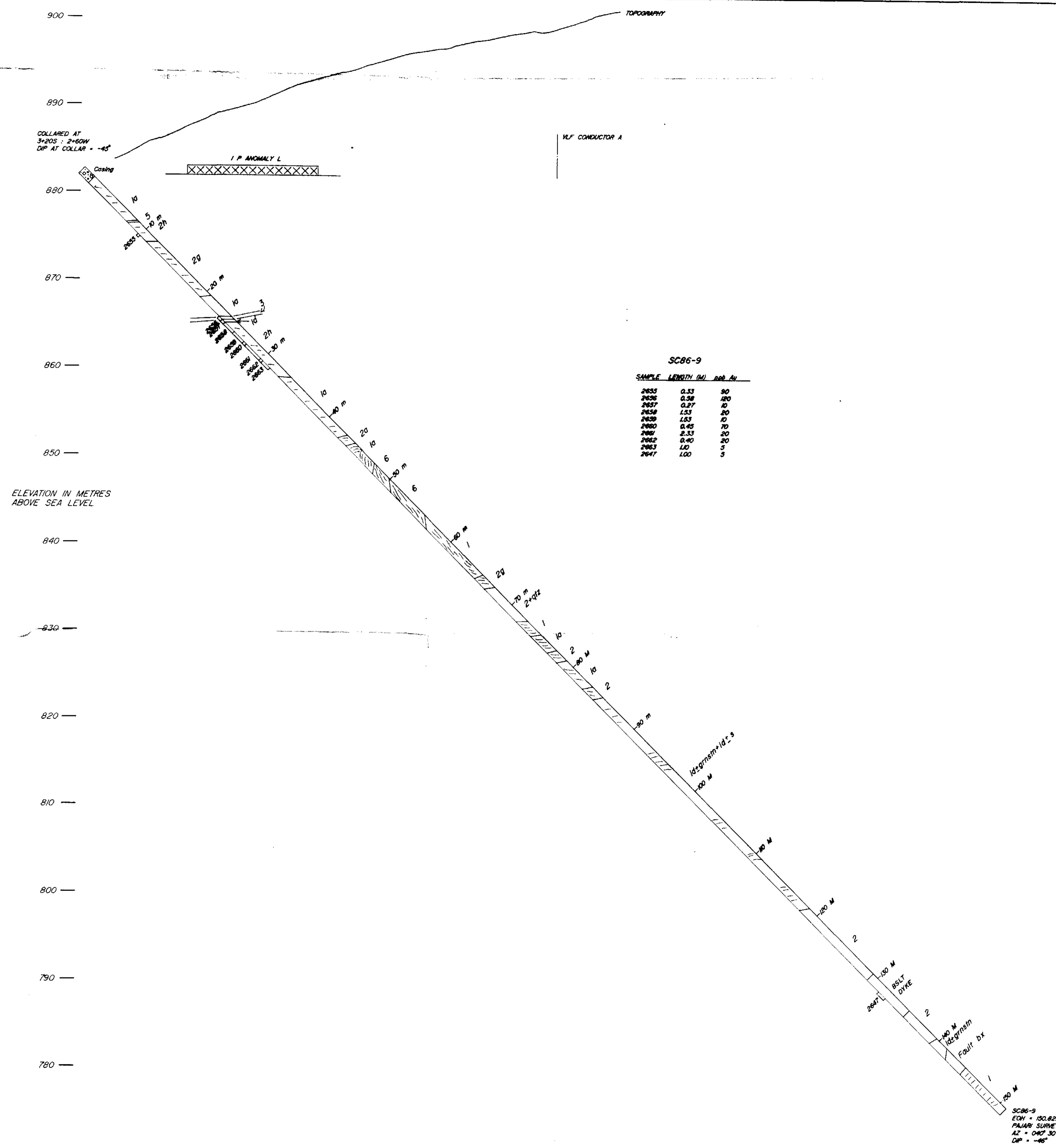
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Scale:	1: 250	Drawn:	GRC
Drawing No:	55	Date:	FEBRUARY, 1987

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GEOLOGICAL BRANCH
 ASSESSMENT REPORT PART
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291° ←

→ III °



SC86-9

SAMPLE	LENGTH (M)	APP. AZ.
2625	0.33	90
2626	0.50	20
2627	0.27	10
2628	1.53	20
2629	1.83	70
2630	0.45	70
2631	2.33	20
2632	0.40	20
2633	1.10	5
2634	1.00	5

LEGEND

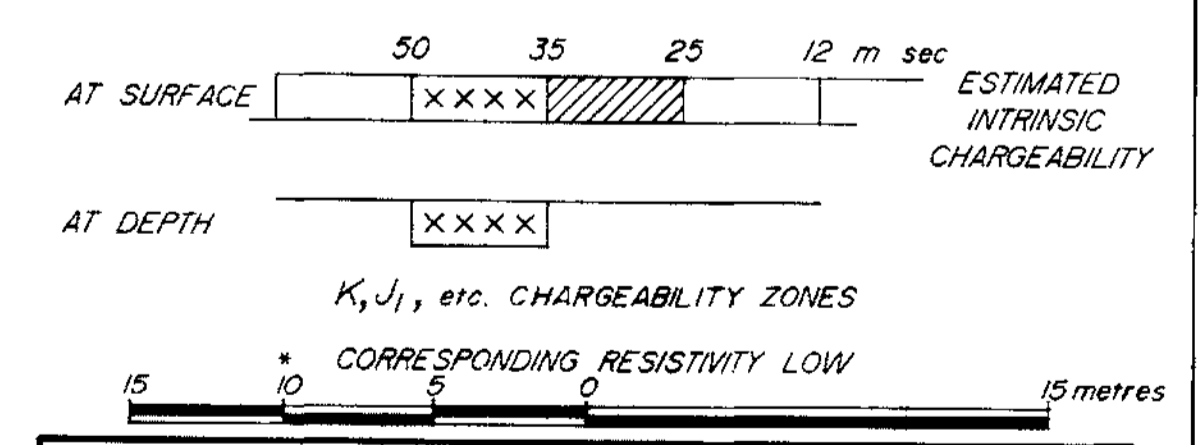
LITHOLOGIES

- 1 Chlorite schist
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ABBREVIATIONS

- | | | |
|---------------|----------------------|-------------------|
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| T - Talc | bslt - Basalt | |
| ep - Epidote | bx - Breccia | |
| py - Pyrite | grnstn - Greenstone | |
| fu - Fuchsite | cglit - Conglomerate | |

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
DDH - SC86 - 9
SCOTCH CREEK PROPERTY
 KAMLOOPS MINING DIVISION

Project No: V 237	By: GRC
Scale: 1: 250	Drawn: GRC
Drawing No: 56	Date: FEBRUARY, 1987

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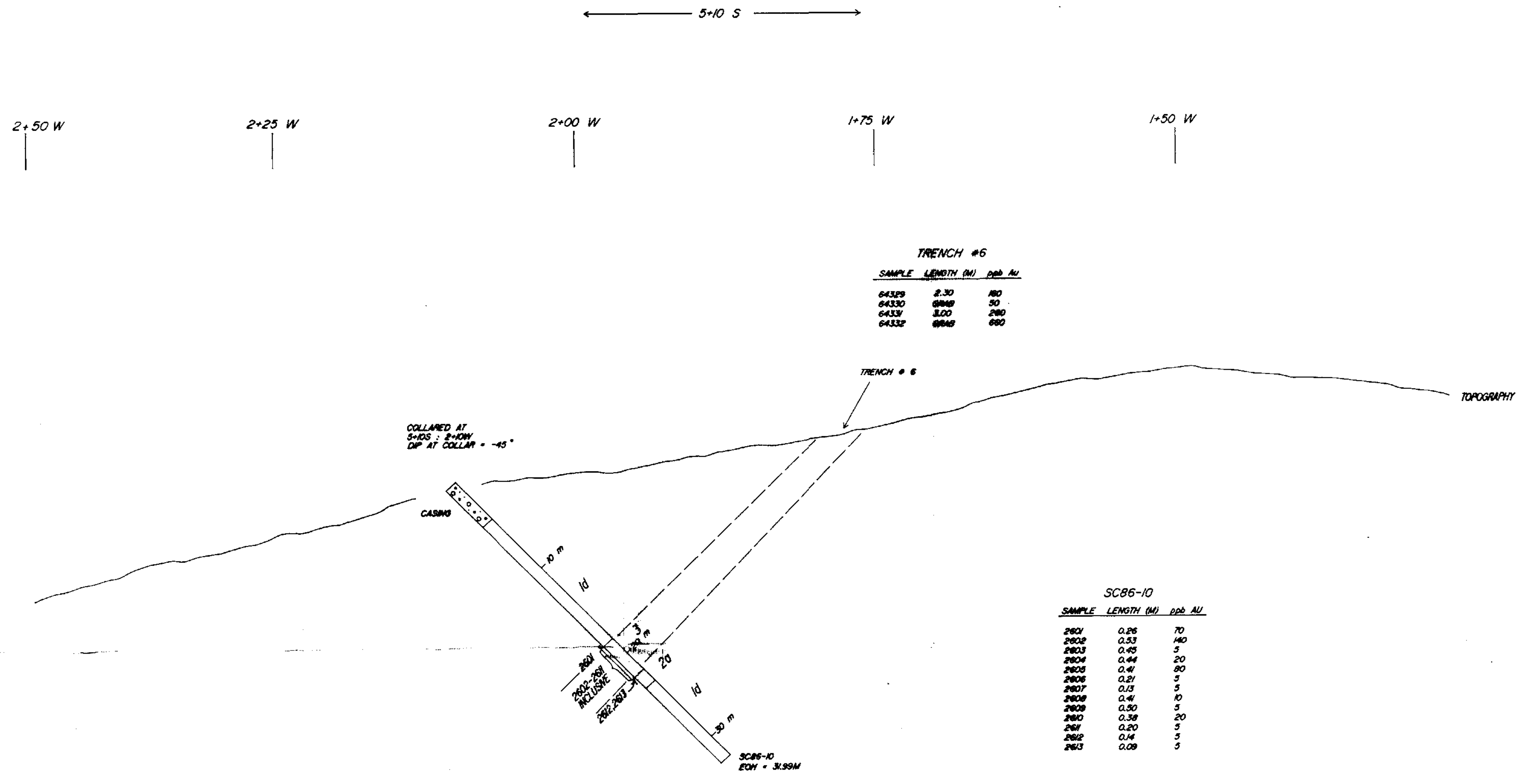
GEOLOGICAL BRANCH
 ASSESSMENT REPORT
16,191
 PART 4 OF 4

270° ←

→ 090°

970 —
960 —
950 —
940 —
930 —
920 —
910 —
900 —
890 —
880 —

ELEVATION IN METRES ABOVE SEA LEVEL



TRENCH #6

SAMPLE	LENGTH (M)	ppb Au
64329	2.30	80
64330	0.94	50
64331	3.00	280
64332	0.84	80

SC86-10

SAMPLE	LENGTH (M)	ppb Au
2801	0.25	70
2802	0.53	140
2803	0.45	5
2804	0.44	20
2805	0.41	80
2806	0.21	5
2807	0.13	5
2808	0.41	10
2809	0.50	5
2810	0.38	20
2811	0.20	5
2812	0.14	5
2813	0.09	5

LEGEND

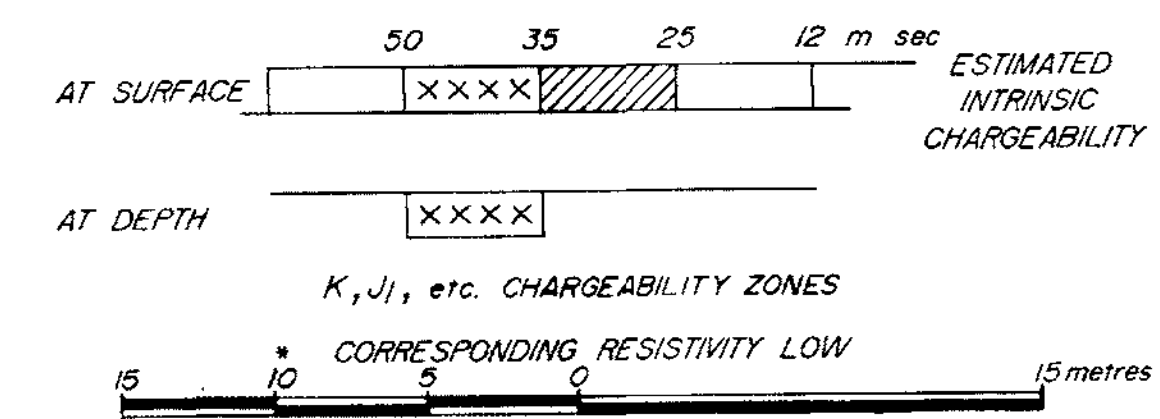
LITHOLOGIES

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ABBREVIATIONS

- S - Sericite carb - Carbonate EOH - End of hole
- C - Chlorite qtz - Quartz AZ - Azimuth
- G - Graphite ca - Calcareous
- T - Talc bsf - Basalt
- ep - Epidote bx - Breccia
- py - Pyrite grnsl - Greenstone
- fu - Fuchsite cgl - Conglomerate

INDUCED POLARIZATION SURVEY INTERPRETATION



NEXUS RESOURCE CORPORATION

DRILL HOLE SECTION
DDH - SC86 - 10
SCOTCH CREEK PROPERTY

KAMLOOPS MINING DIVISION

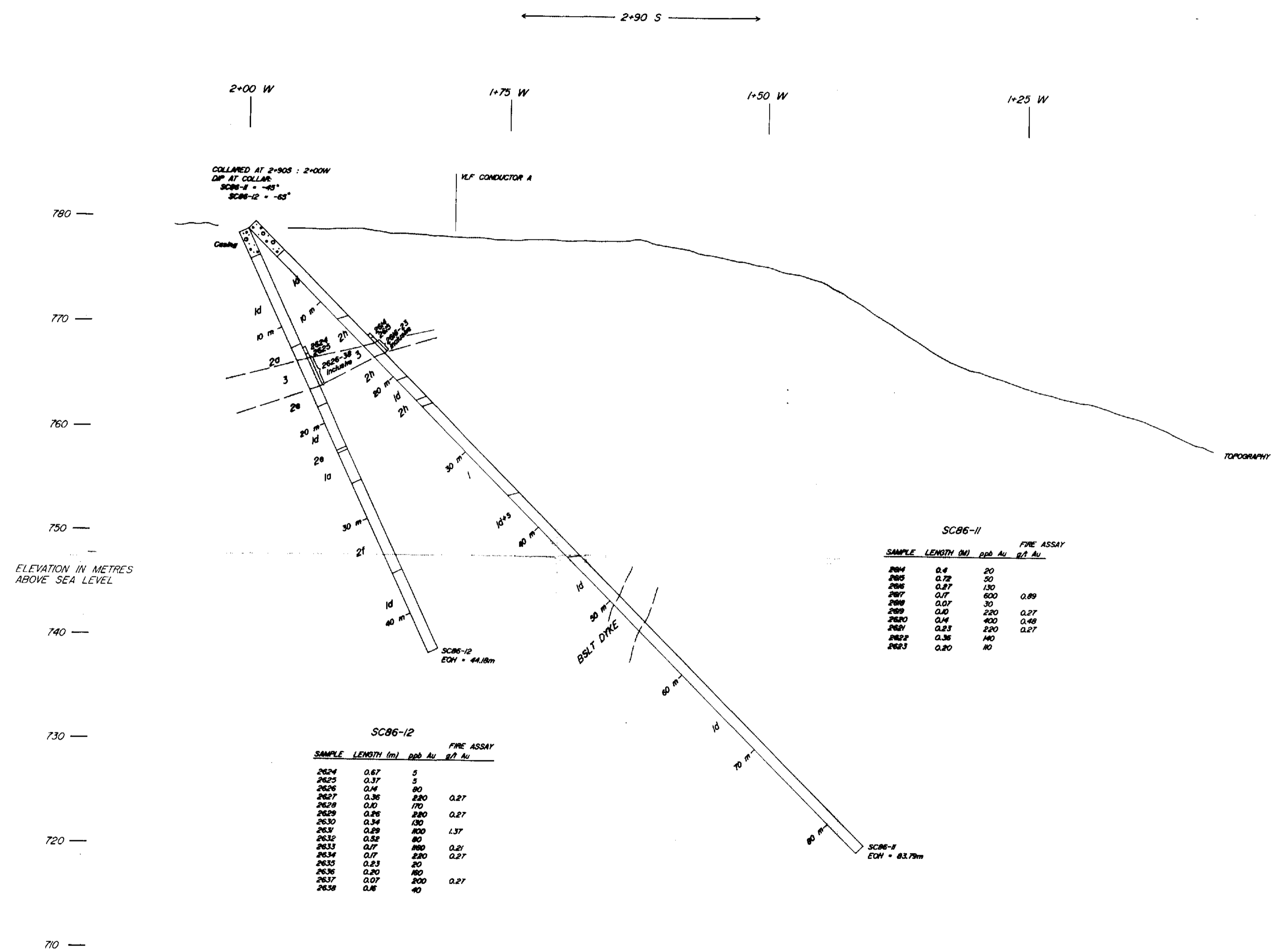
Project No:	V 237	By:	GRC
Scale:	1: 250	Drawn:	GRC
Drawing No:	57	Date:	FEBRUARY, 1987



ASSESSMENT REPORT PART 16,191 4 OF 4

270° ←

→ 090°



SC86-11

SAMPLE	LENGTH (m)	ppb Au	g/t Au
2624	0.4	20	
2625	0.72	30	
2626	0.27	130	
2627	0.17	600	0.89
2628	0.07	30	
2629	0.10	220	0.27
2630	0.14	400	0.48
2631	0.23	220	0.27
2632	0.36	140	
2633	0.20	40	

SC86-12

SAMPLE	LENGTH (m)	ppb Au	g/t Au
2624	0.67	5	
2625	0.37	5	
2626	0.14	80	
2627	0.36	220	0.27
2628	0.10	170	
2629	0.26	220	0.27
2630	0.34	130	
2631	0.29	100	1.37
2632	0.32	80	
2633	0.27	180	0.27
2634	0.07	220	0.27
2635	0.23	20	
2636	0.20	180	
2637	0.07	200	
2638	0.08	40	0.27

LEGEND

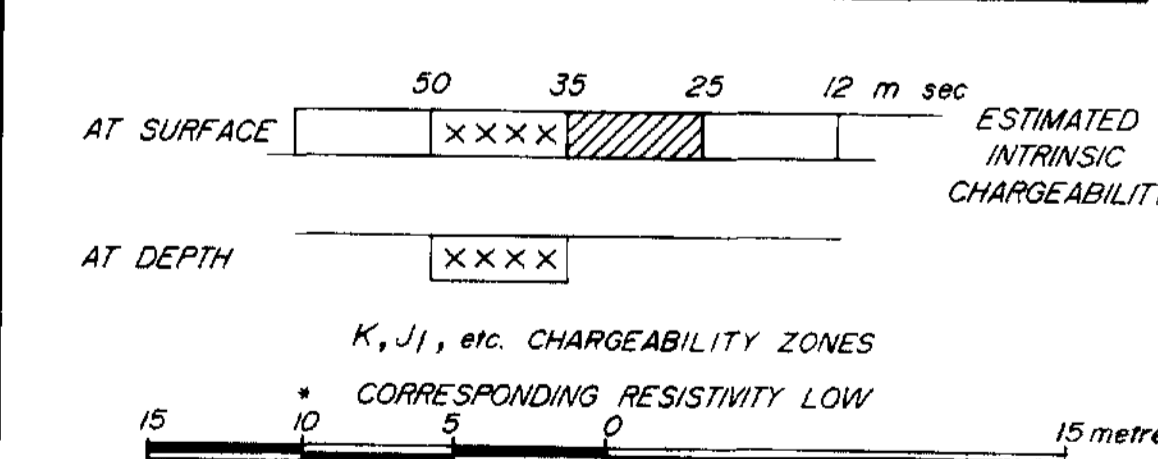
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INDUCED POLARIZATION SURVEY INTERPRETATION



GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 16,191
 4 OF 4
 PART

NEXUS RESOURCE CORPORATION
DRILL HOLE SECTION
DDH - SC86 - 11, 12
SCOTCH CREEK PROPERTY
 KAMLOOPS MINING DIVISION

Project No: V 237	By: GRC
Scale: 1:250	Drawn: GRC
Drawing No: 58	Date: FEBRUARY, 1987

MPH Consulting Limited

drawings by SIMS ASSOCIATES;
 PO. BOX 1827, QUALICOM BEACH, BC, V0R 2T0
 TEL: (604) 241-2121 FAX: (604) 241-2121