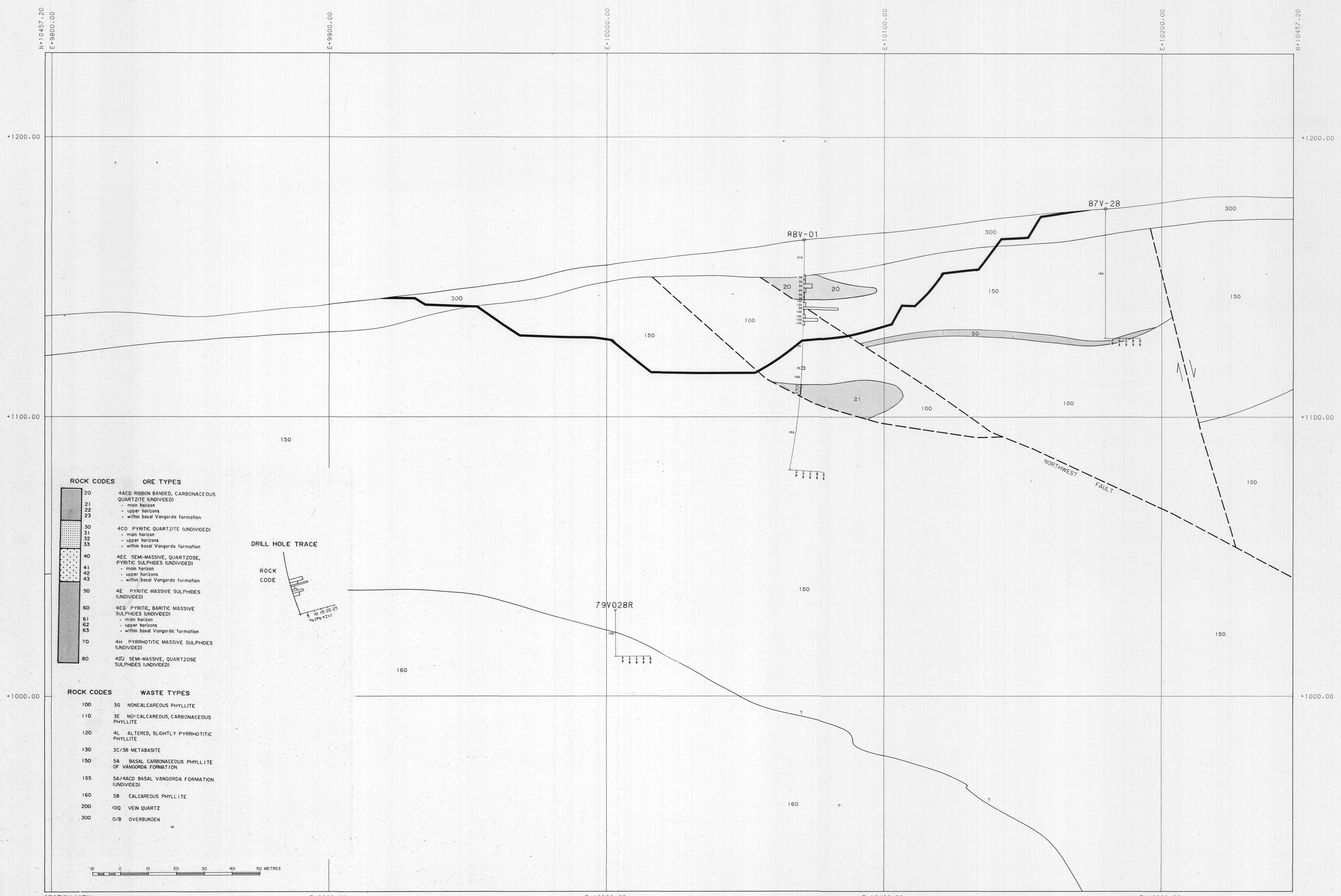


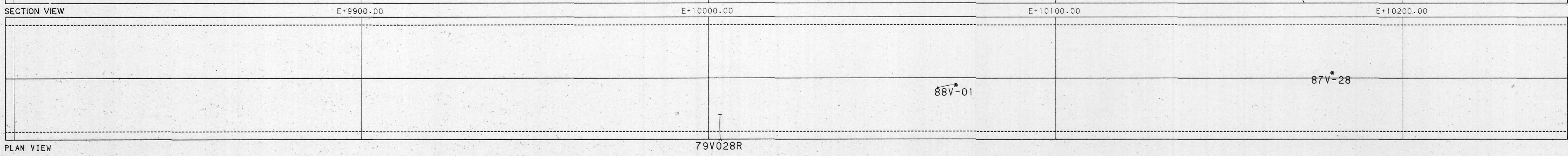
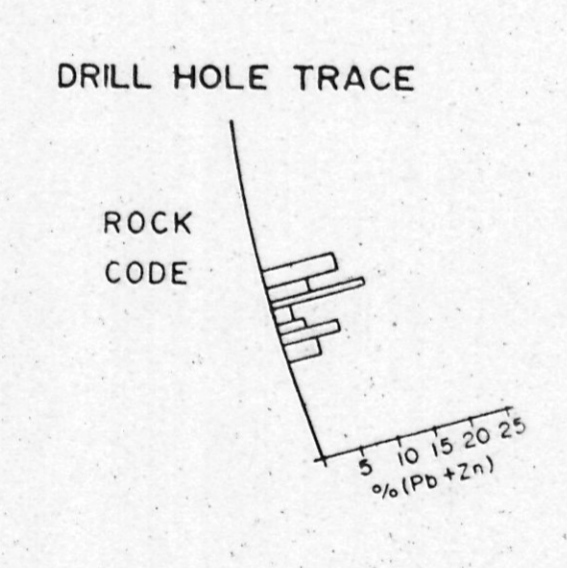
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	<b>VANGORDA DEPOSIT</b> DATE = 24-02-90 TIME = 11:25:22 DRAWN BY = HANDESK Y8912 Interpretation REVISION: 28-05-90 004164	
OVIDOR-PLAT GENDON Services Inc. HORIZONTAL SCALE = 1 x 500	VERTICAL SCALE = 1 x 500	

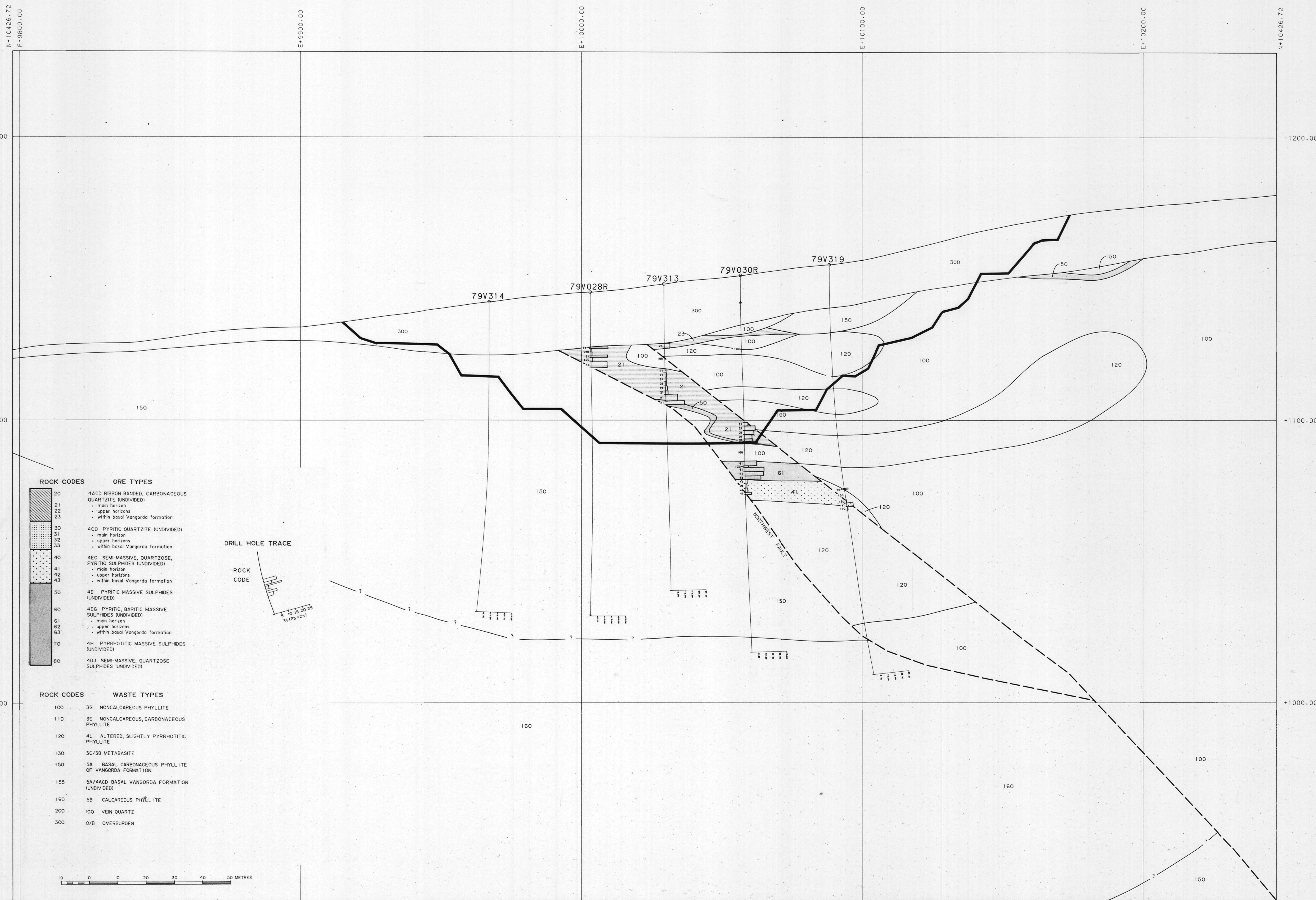
AN-VA-90-006



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

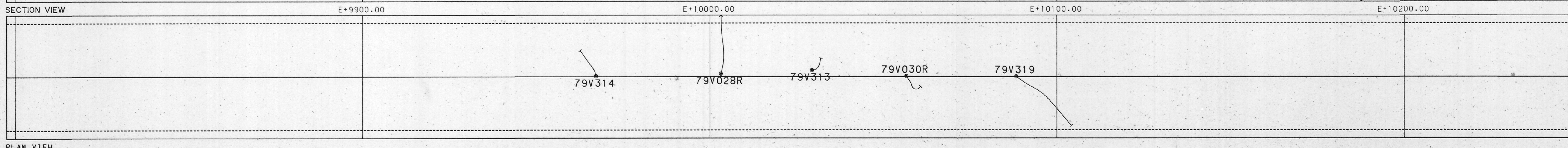
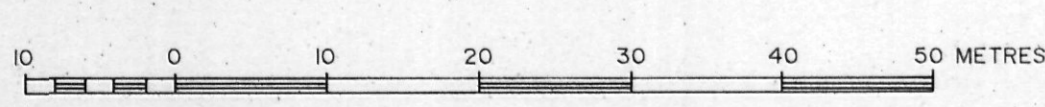
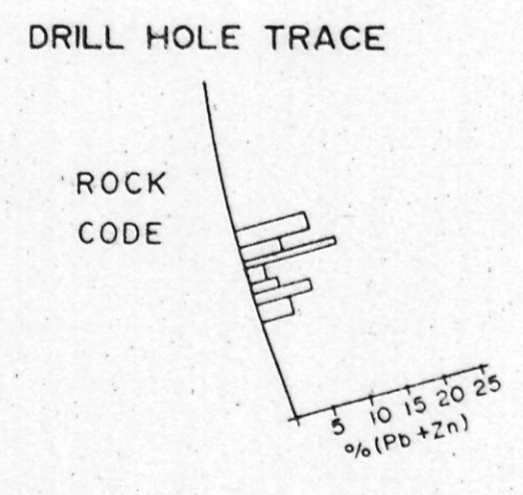
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VEN QUARTZ
300	0/B OVERBURDEN

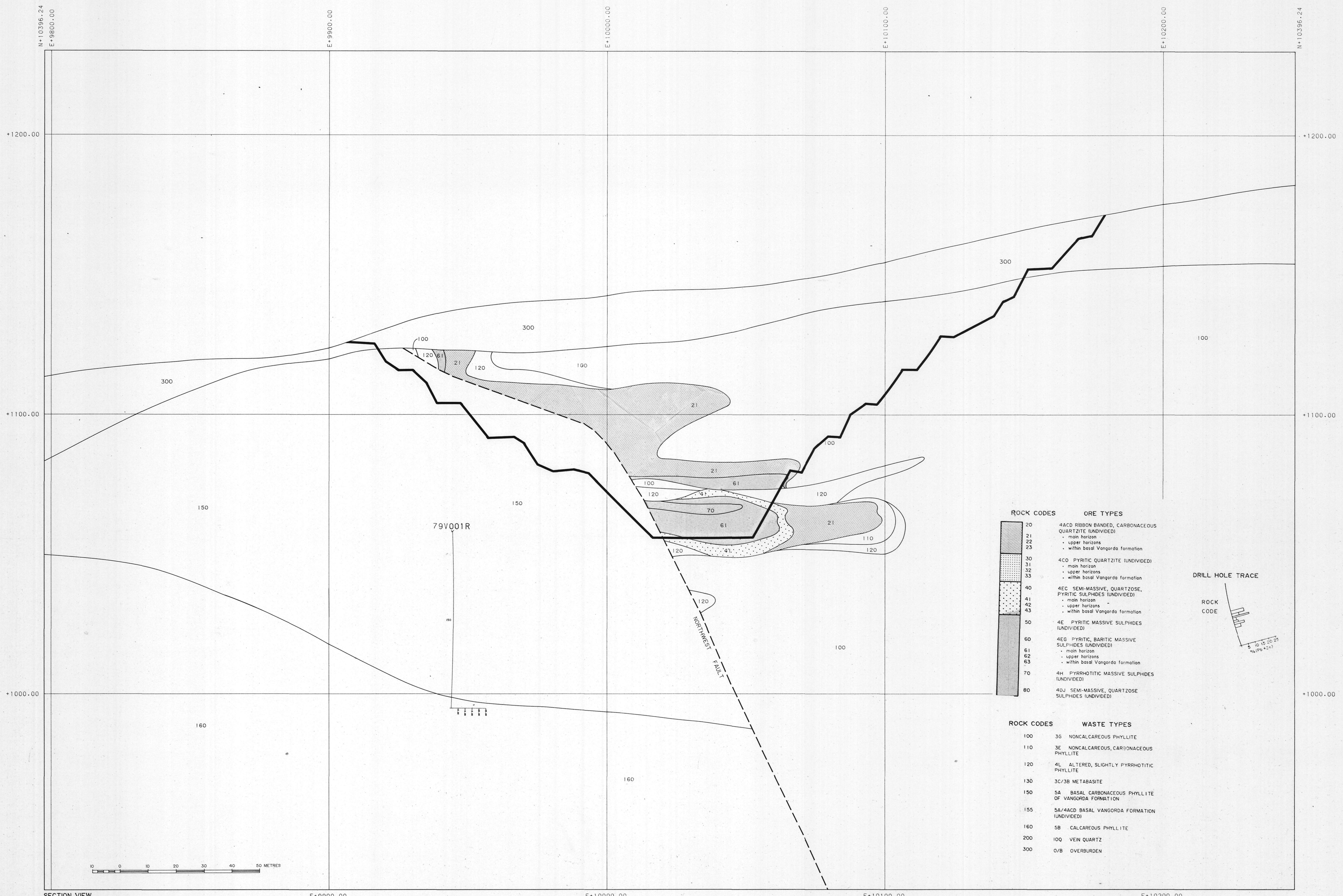




ROCK CODES	ORE TYPES
20	4AC RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARRIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

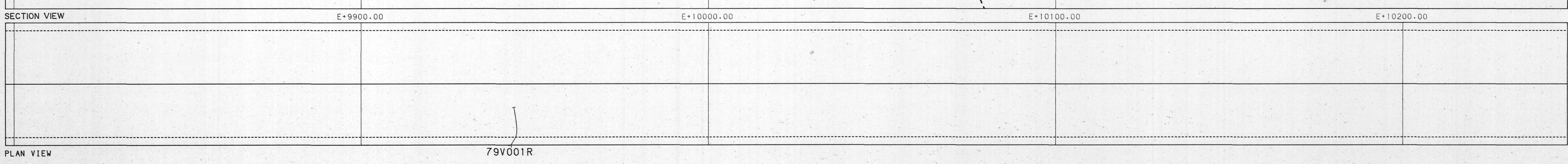
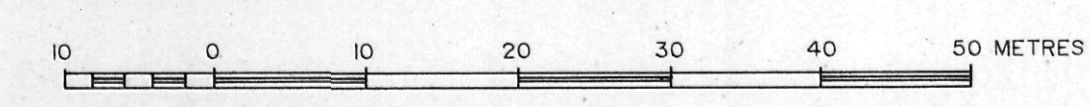
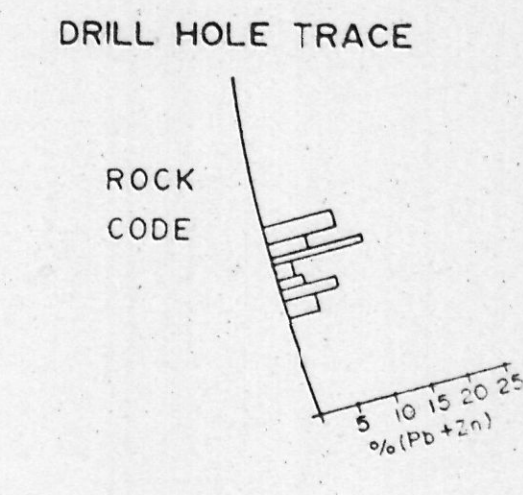
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN

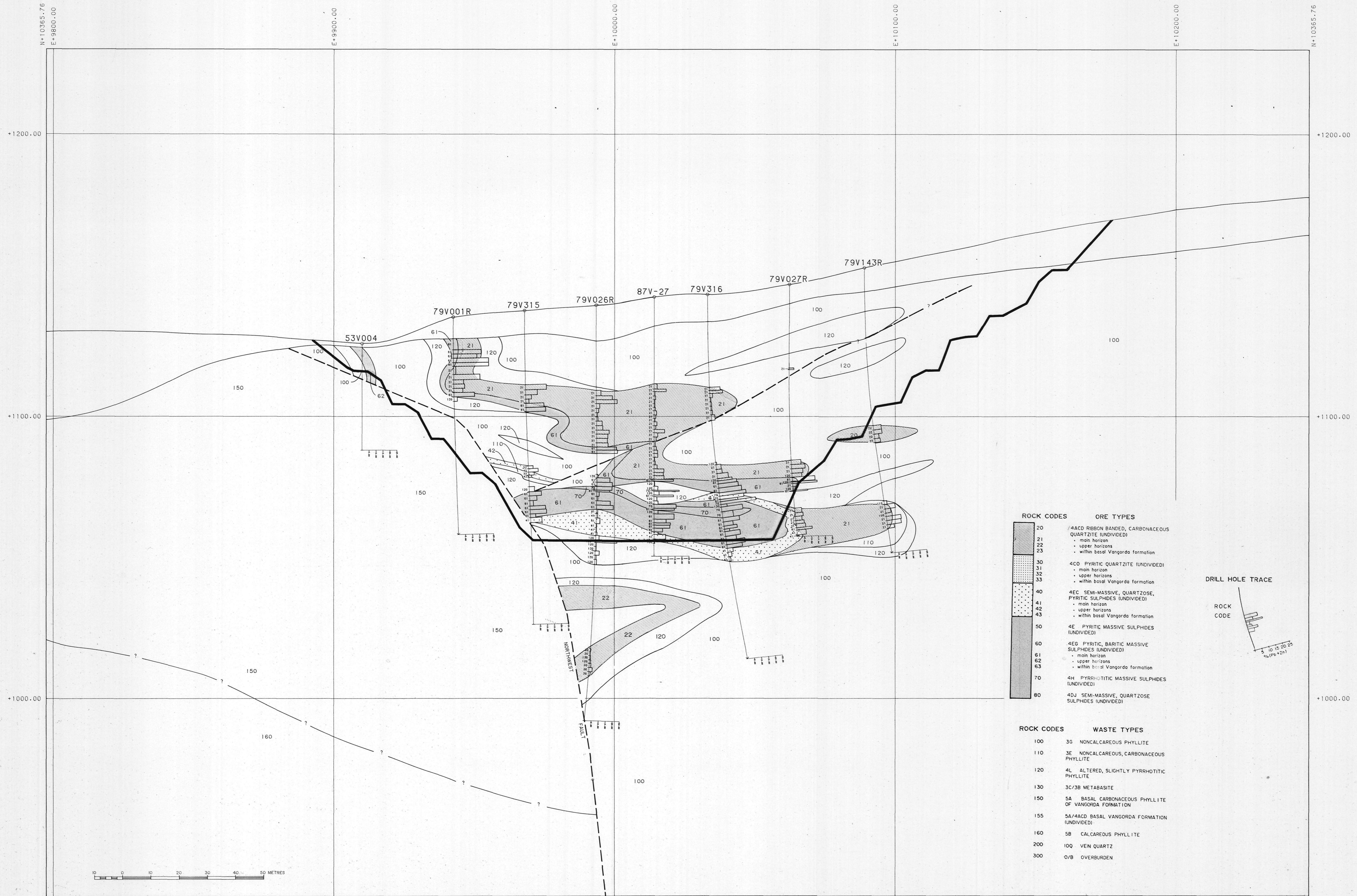




ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

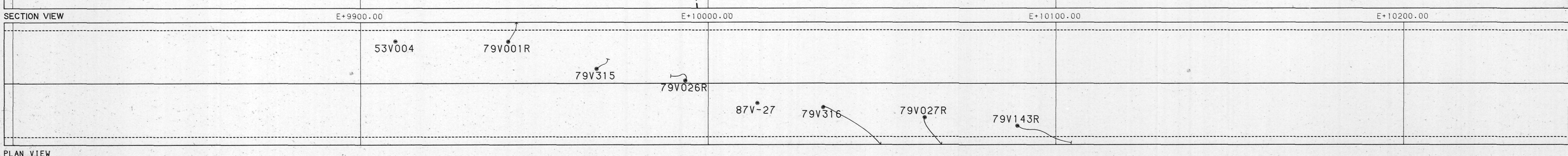
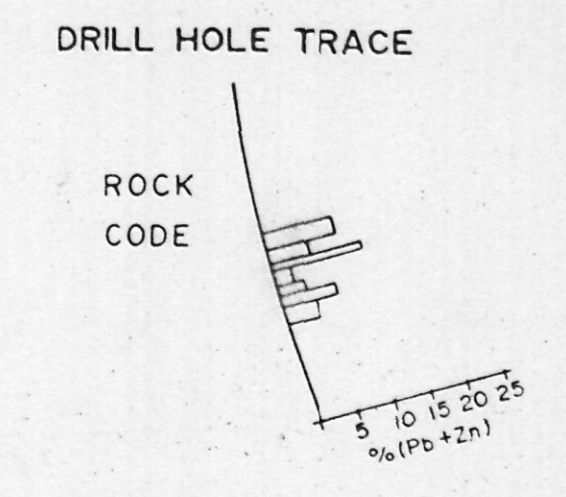
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

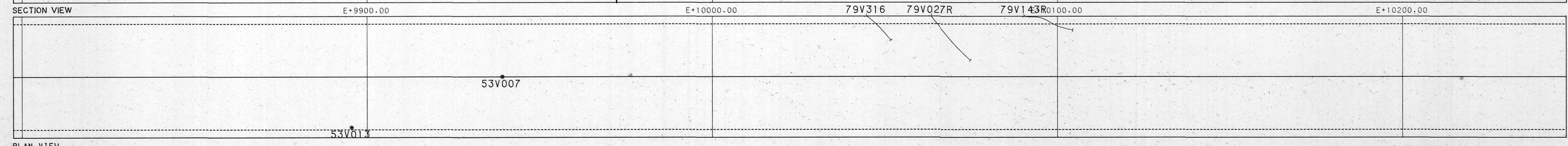
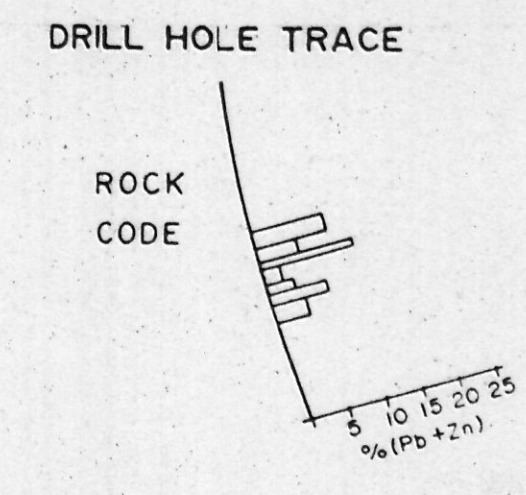
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VEN QUARTZ
300	0/B OVERBURDEN





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	main horizon
22	upper horizons
23	within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	main horizon
32	upper horizons
33	within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	main horizon
42	upper horizons
43	within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	main horizon
62	upper horizons
63	within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEN QUARTZ
300	0/B OVERBURDEN



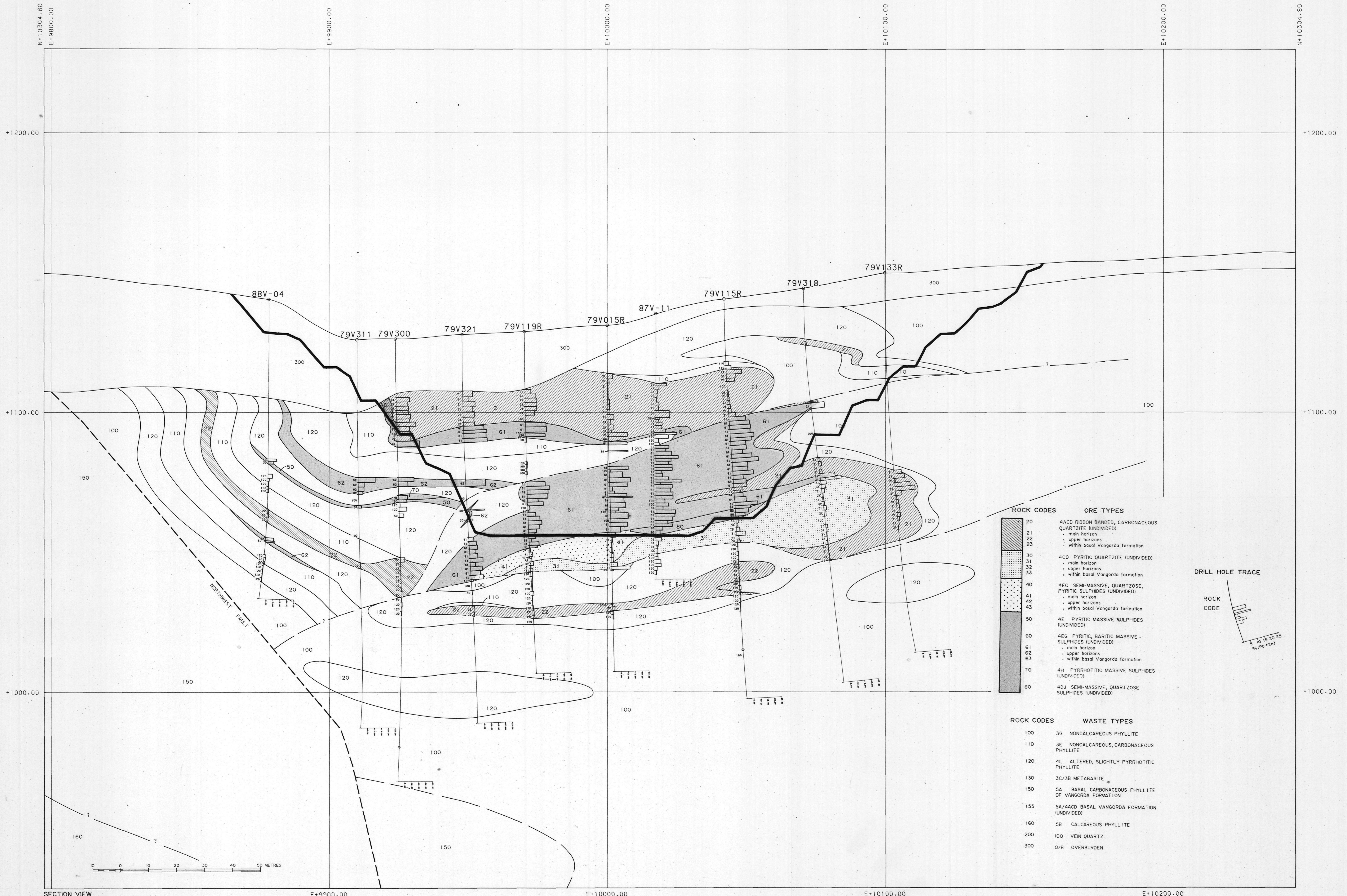
**Carruth Resources Inc.**

**VANGORDA DEPOSIT**

DATE = 24-02-90  
 TIME = 10:58:38  
 DRAWN BY: HANDSIGN  
 V8912 Interpretation  
 REVISIONS: 28-05-90

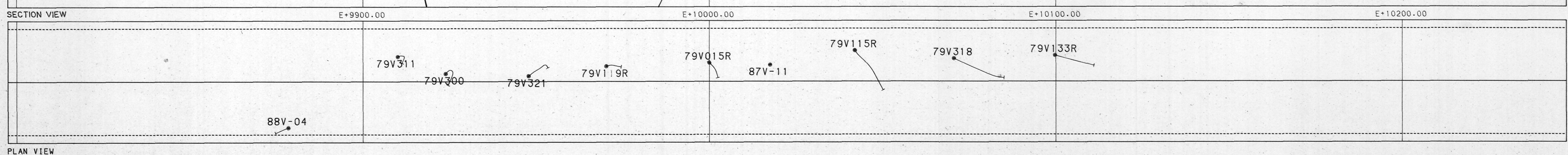
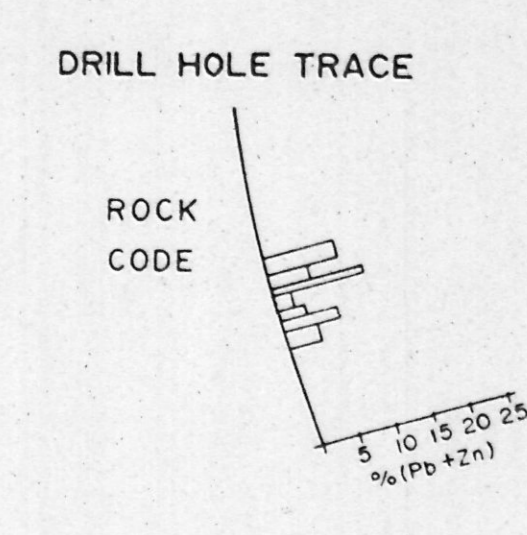
VERTICAL CROSS SECTION  
 1+00E  
 LOOKING NW

QUICK-PILOT  
 GENCON Services Inc.  
 HORIZONTAL SCALE = 1 : 500  
 VERTICAL SCALE = 1 : 500

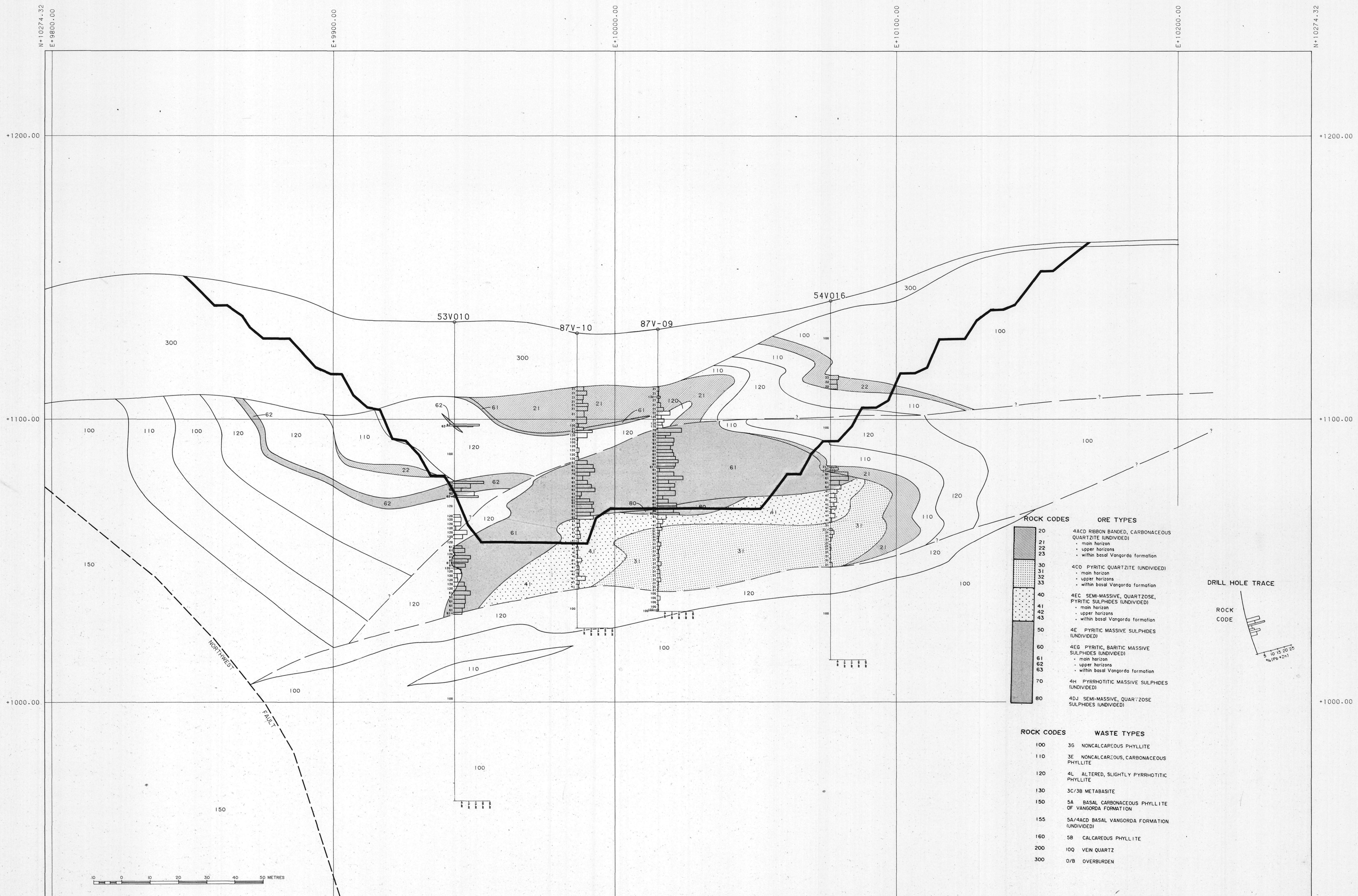


ROCK CODES	ORE TYPES
20	4AC0 RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARTIC MASSIVE, SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN

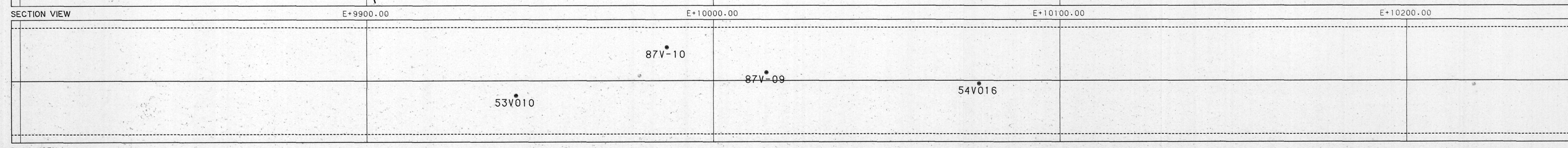
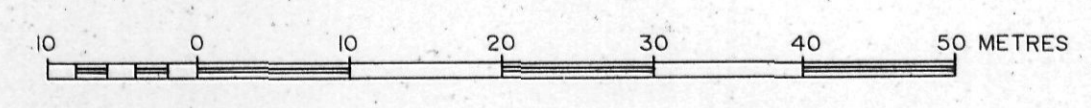
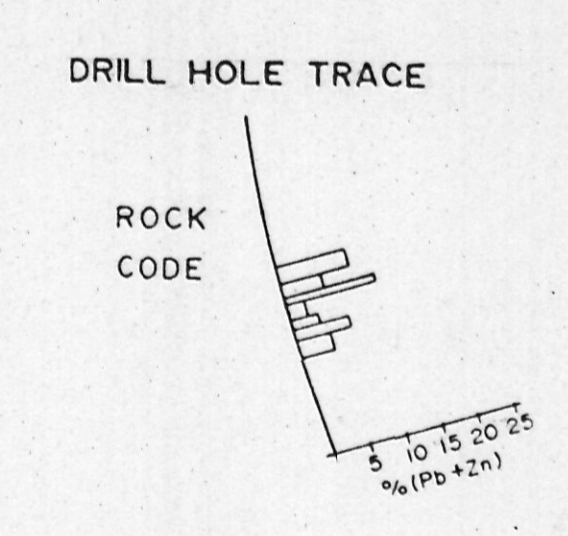


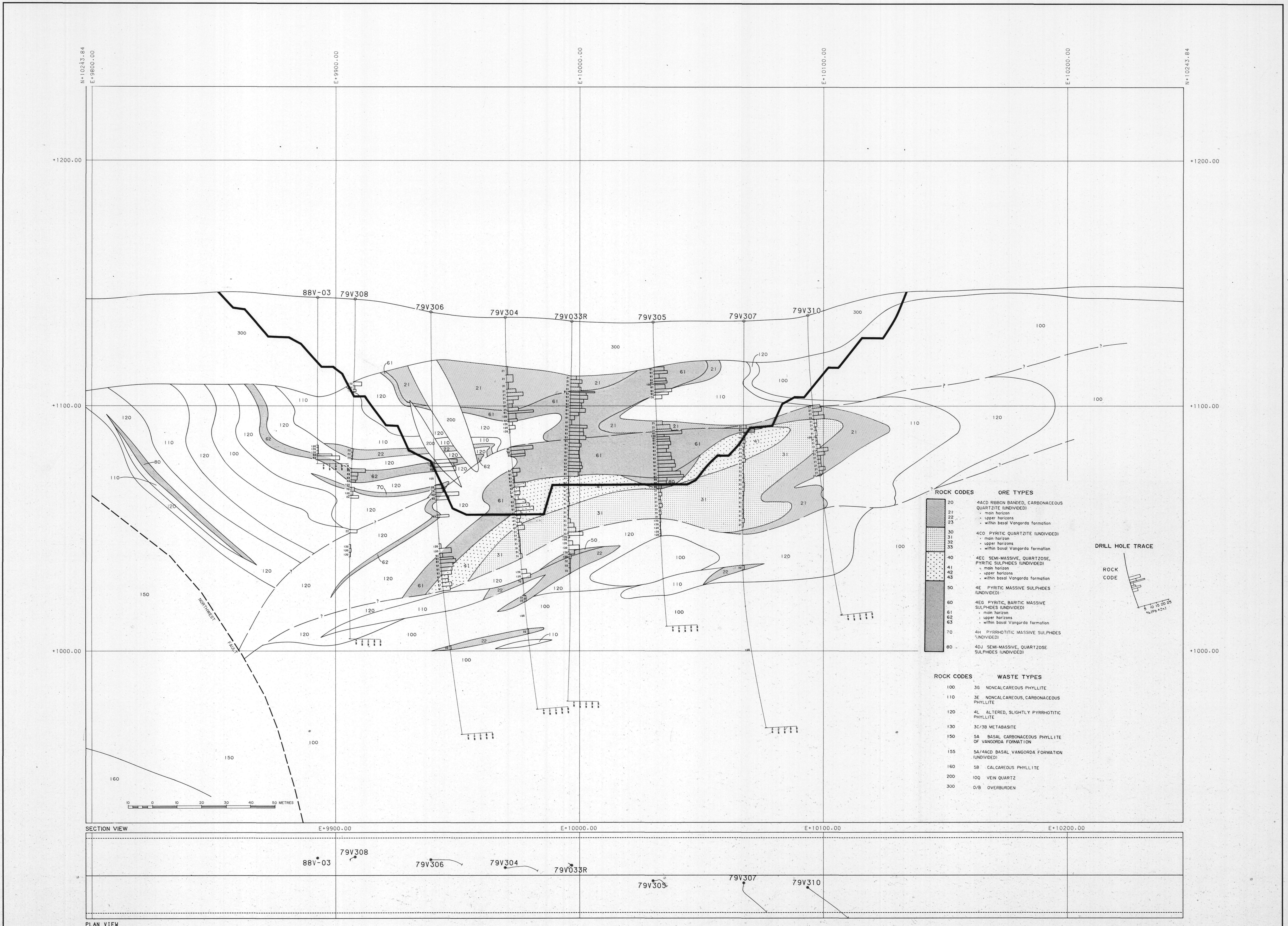
**Corrough Resources Inc.**  
**VANGORDA DEPOSIT**  
 DATE: 24-02-90  
 TIME: 10:31:43  
 DRAWN BY: HANDESON  
 19812 Interpretation  
 REVISED: 28-05-90  
 HORIZONTAL SCALE: 1:500  
 VERTICAL SCALE: 1:500



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3F NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEN QUARTZ
300	0/B OVERBURDEN





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARTIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	O/B OVERBURDEN

**Corrugh Resources Inc.**

**VANGORDA DEPOSIT**

DATE = 24-02-90  
 TIME = 10:04:23  
 DRAWN BY: HANDESON  
 REVISION: 28-05-90

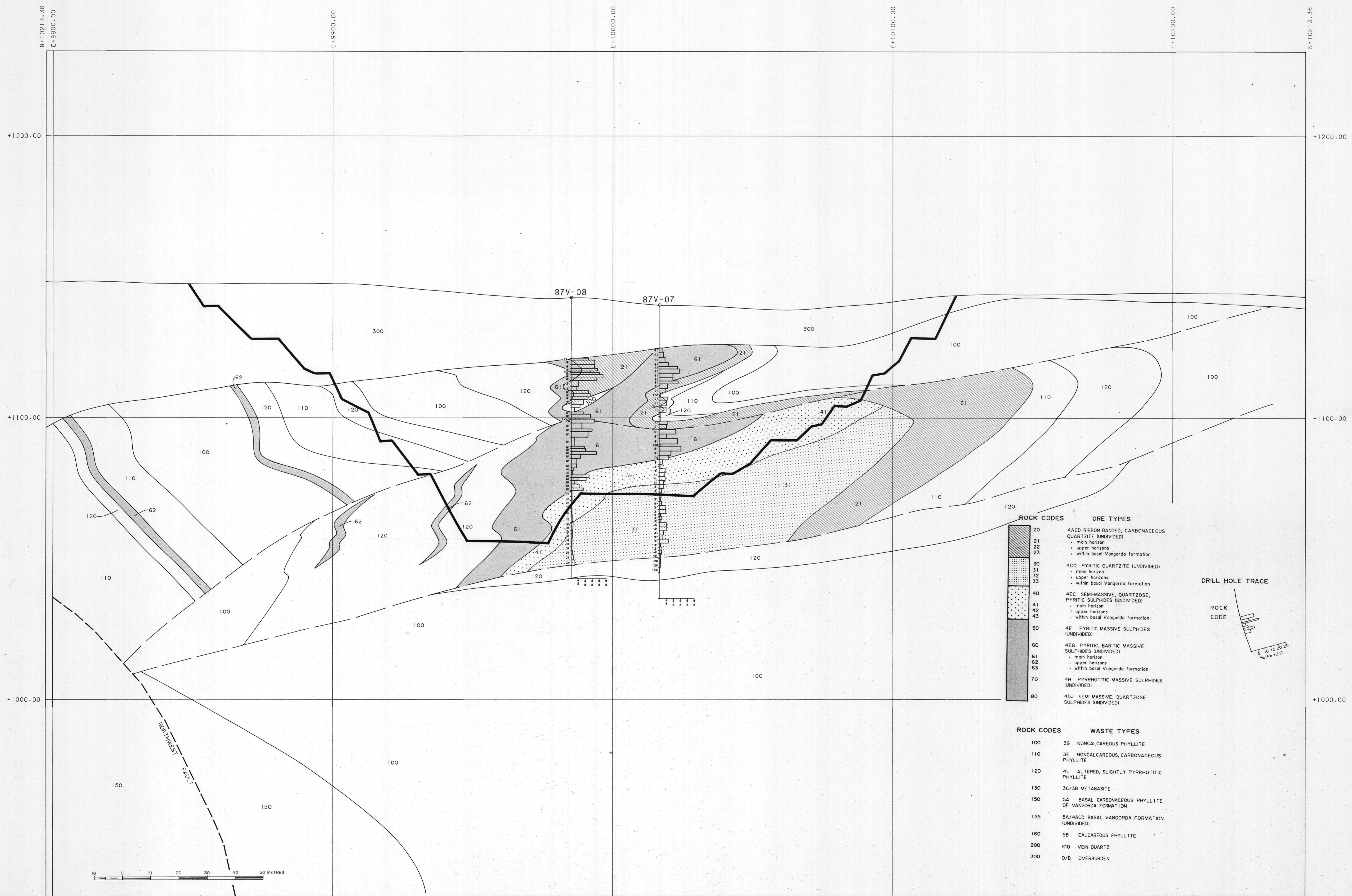
VERTICAL CROSS SECTION  
 4+00E  
 LOOKING NW

18912 Interpretation

REVISOR: [Signature]

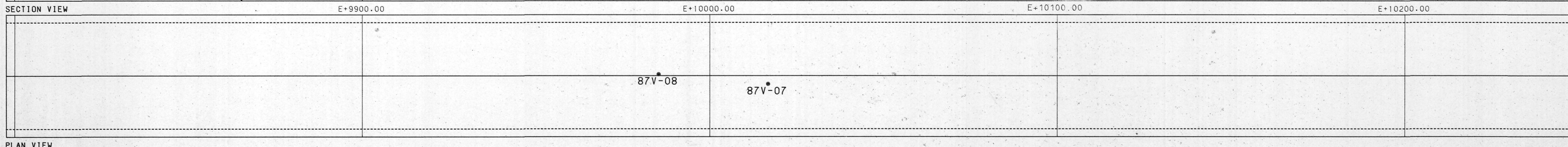
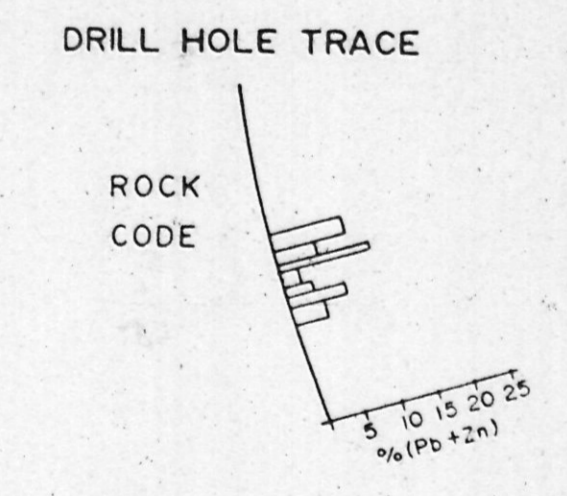
REVISION: 28-05-90

HORIZONTAL SCALE = 1 : 500  
 VERTICAL SCALE = 1 : 500



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NON-CALCAREOUS PHYLLITE
110	3E NON-CALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEN QUARTZ
300	0/B OVERBURDEN

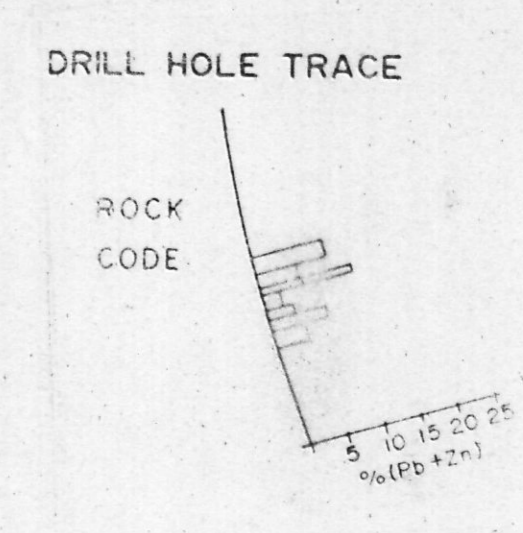


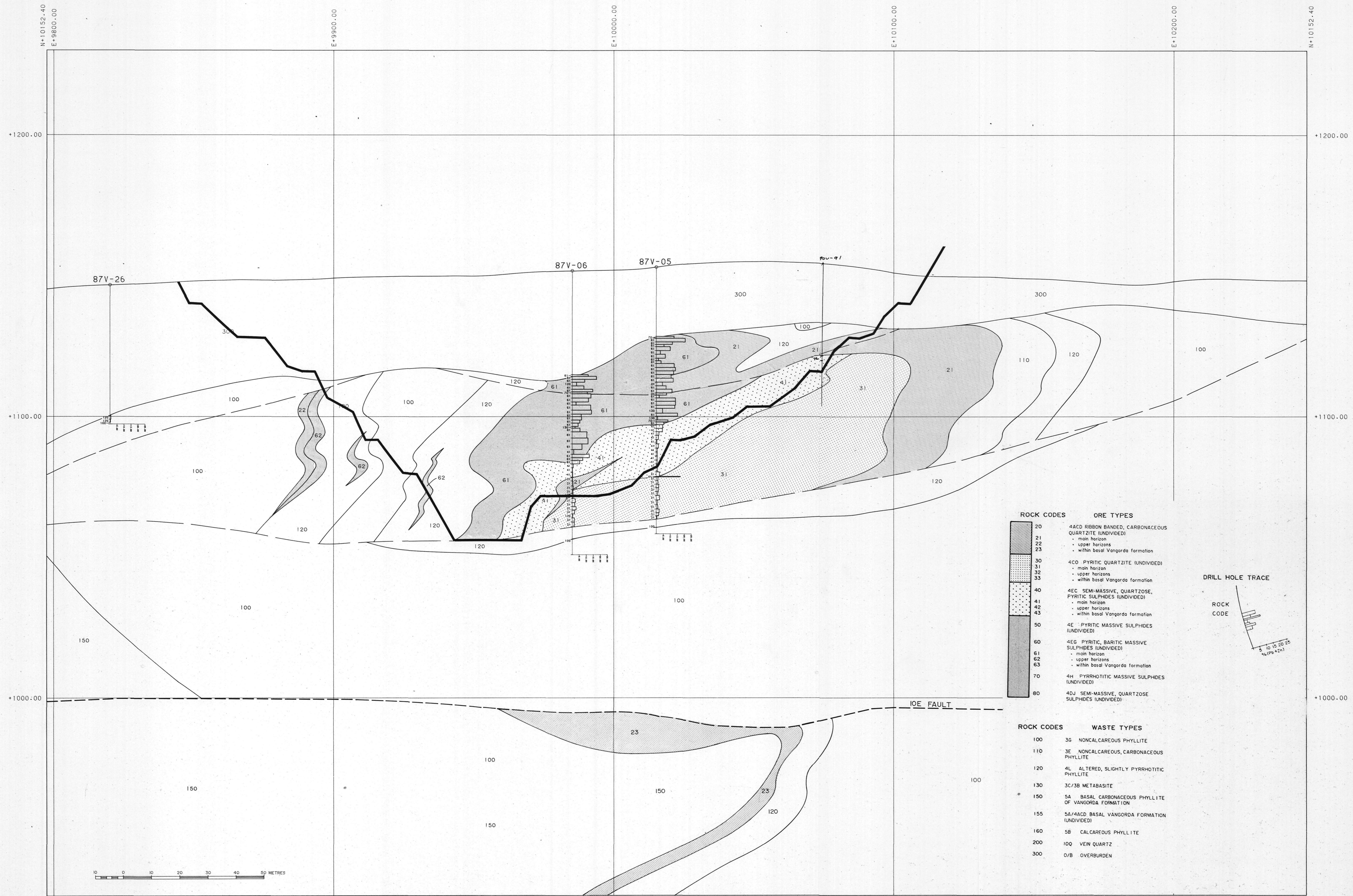
<p><b>Carraig Resources Inc.</b></p> <p>VANGORDA DEPOSIT</p> <p>QUICK-PLOT GENCOR Services Inc. HORIZONTAL SCALE = 1 : 500</p>	<p>VERTICAL CROSS SECTION</p> <p>5+00E</p> <p>LOOKING NW</p> <p>Y8912 Interpretation</p>	<p>REVISIONS</p> <p>REVISED: 26-05-90</p>
	<p>DATE = 26-02-90</p> <p>TIME = 09:21:12</p> <p>DRAWN BY: HANDESSON</p> <p>VERTICAL SCALE = 1 : 300</p>	<p>Geological Survey of Canada</p>



ROCK CODES	ORE TYPES
20	4AC RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
44	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
50	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
60	- main horizon
61	- upper horizons
62	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

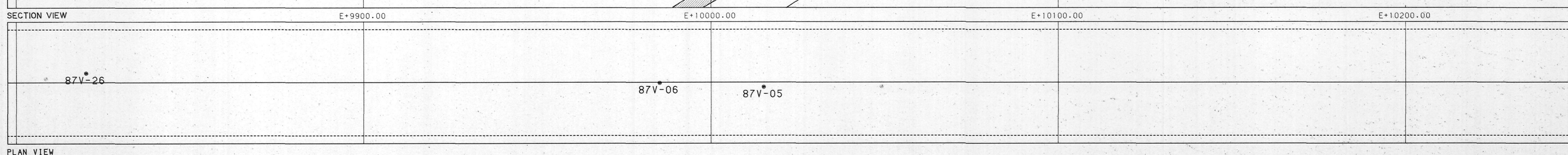
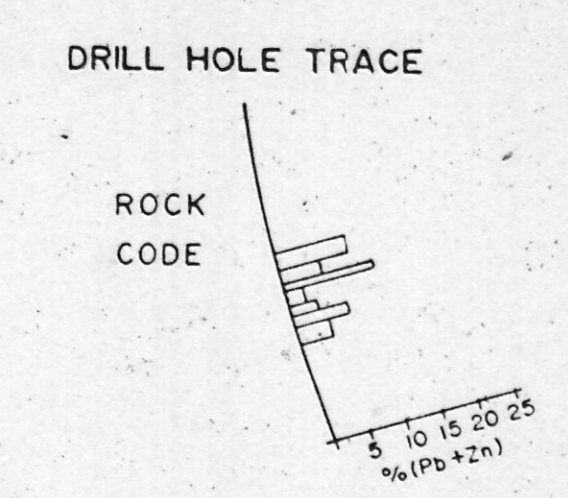
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARTHIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VENN QUARTZ
300	0/B OVERBURDEN



**Carruth Resources Inc.**

**VANGORDA DEPOSIT**

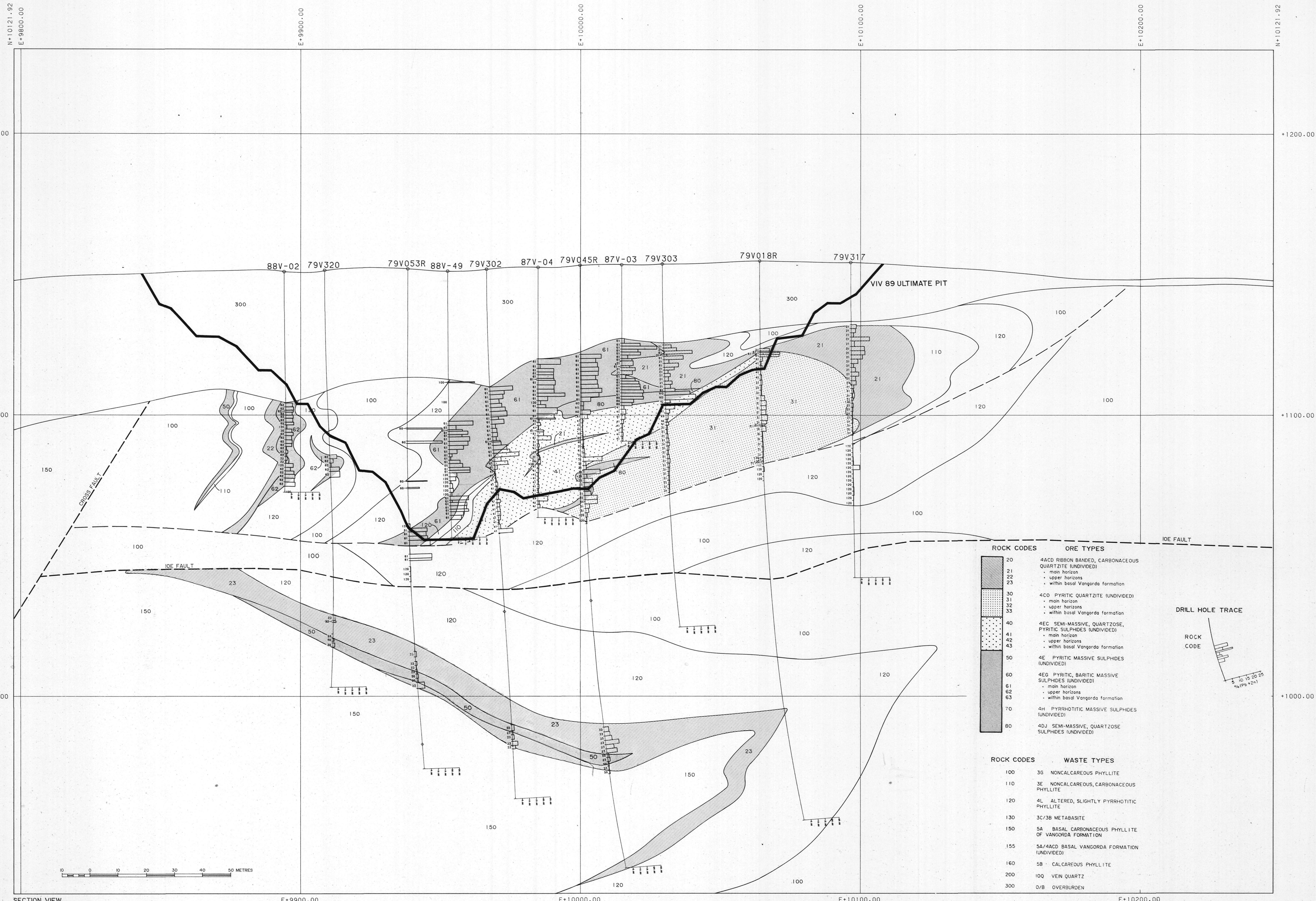
DATE - 24-02-90  
TIME - 09:28:28  
DRAWN BY - HANDESEN  
REVISOR - 28-05-90

VERTICAL CROSS SECTION  
7-00E  
LOOKING NW

18912 Interpretation

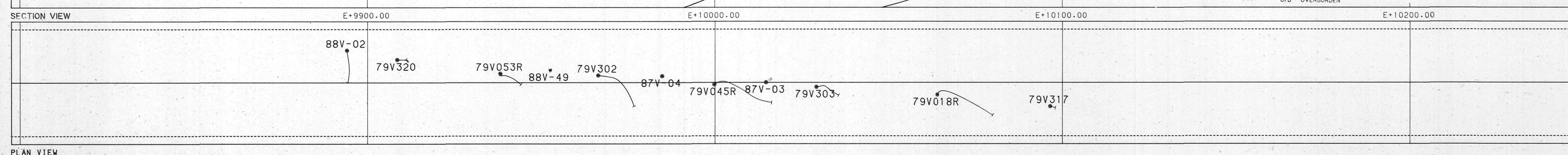
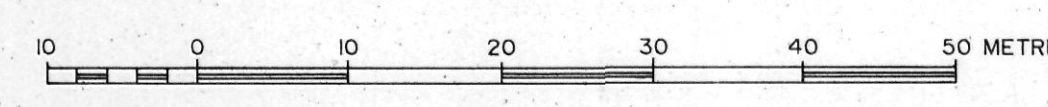
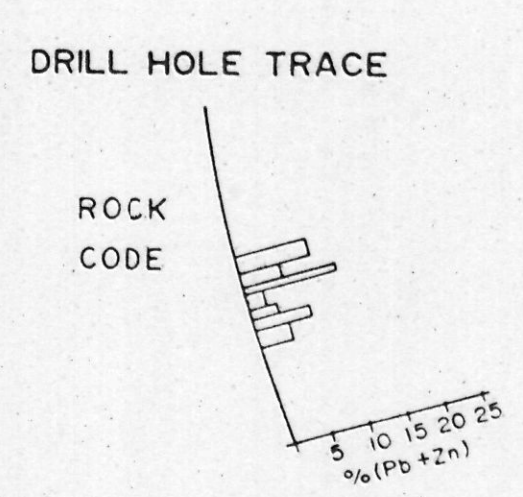
REVISOR - 28-05-90

HORIZONTAL SCALE = 1 : 500  
VERTICAL SCALE = 1 : 500



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CQ PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN

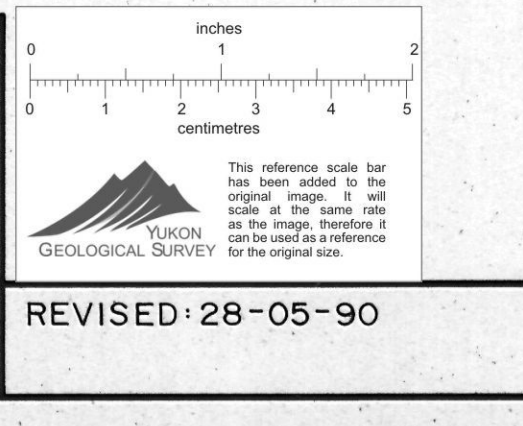


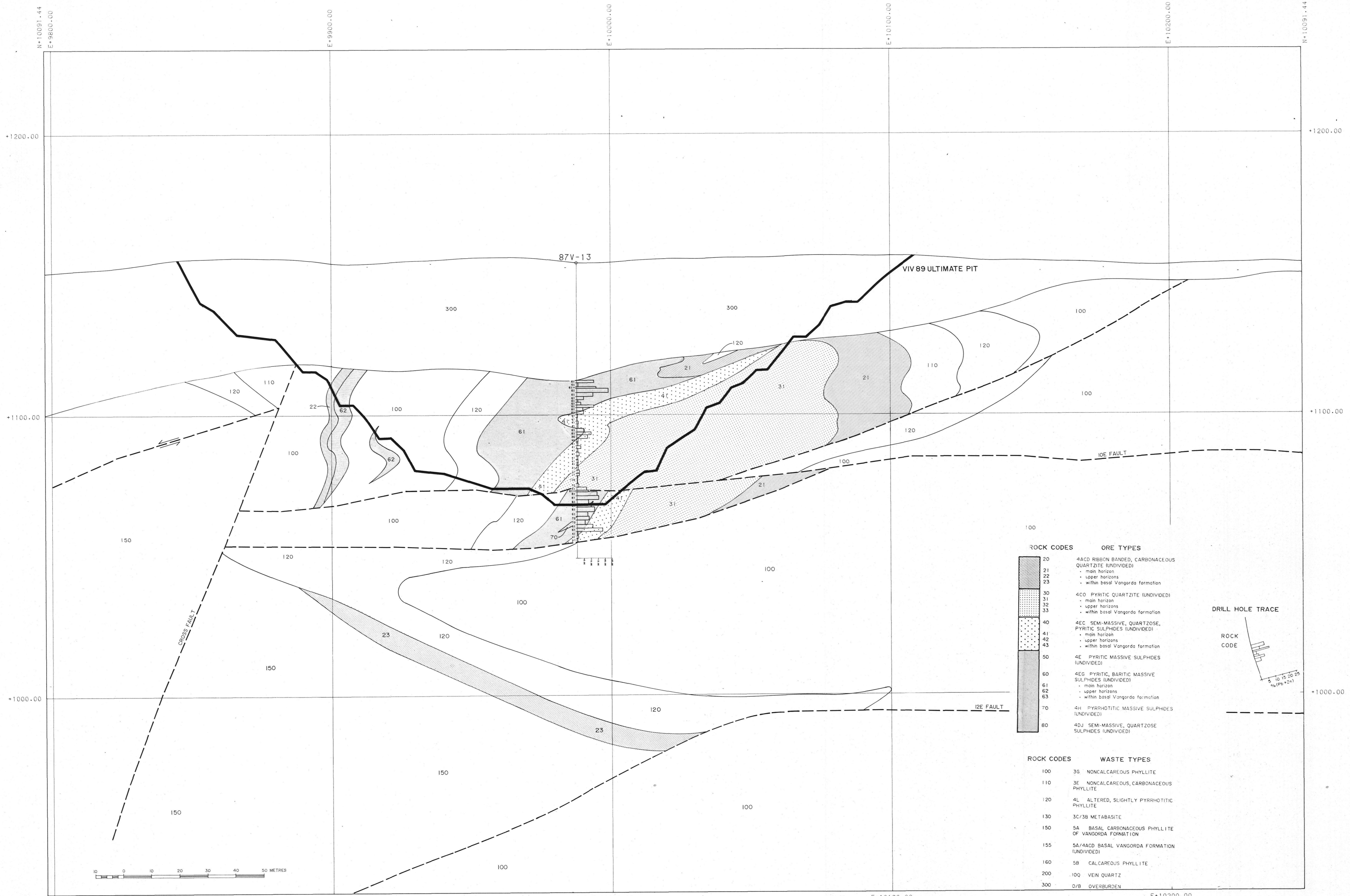
**Carruth Resources Inc.**

**VANGORDA DEPOSIT**

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 TIME: 09:17:46  
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 V8912 Interpretation  
 REVISOR: 28-05-90

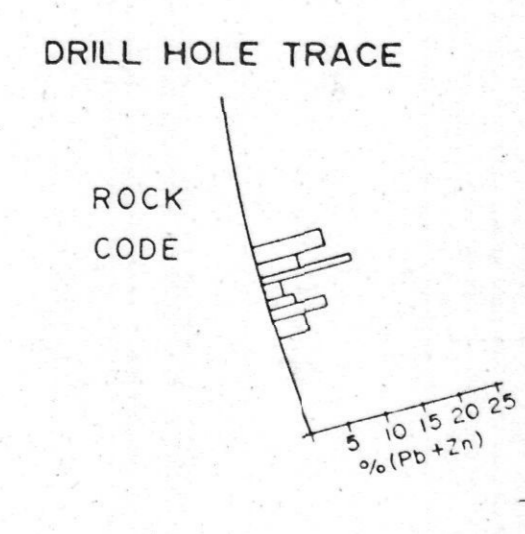
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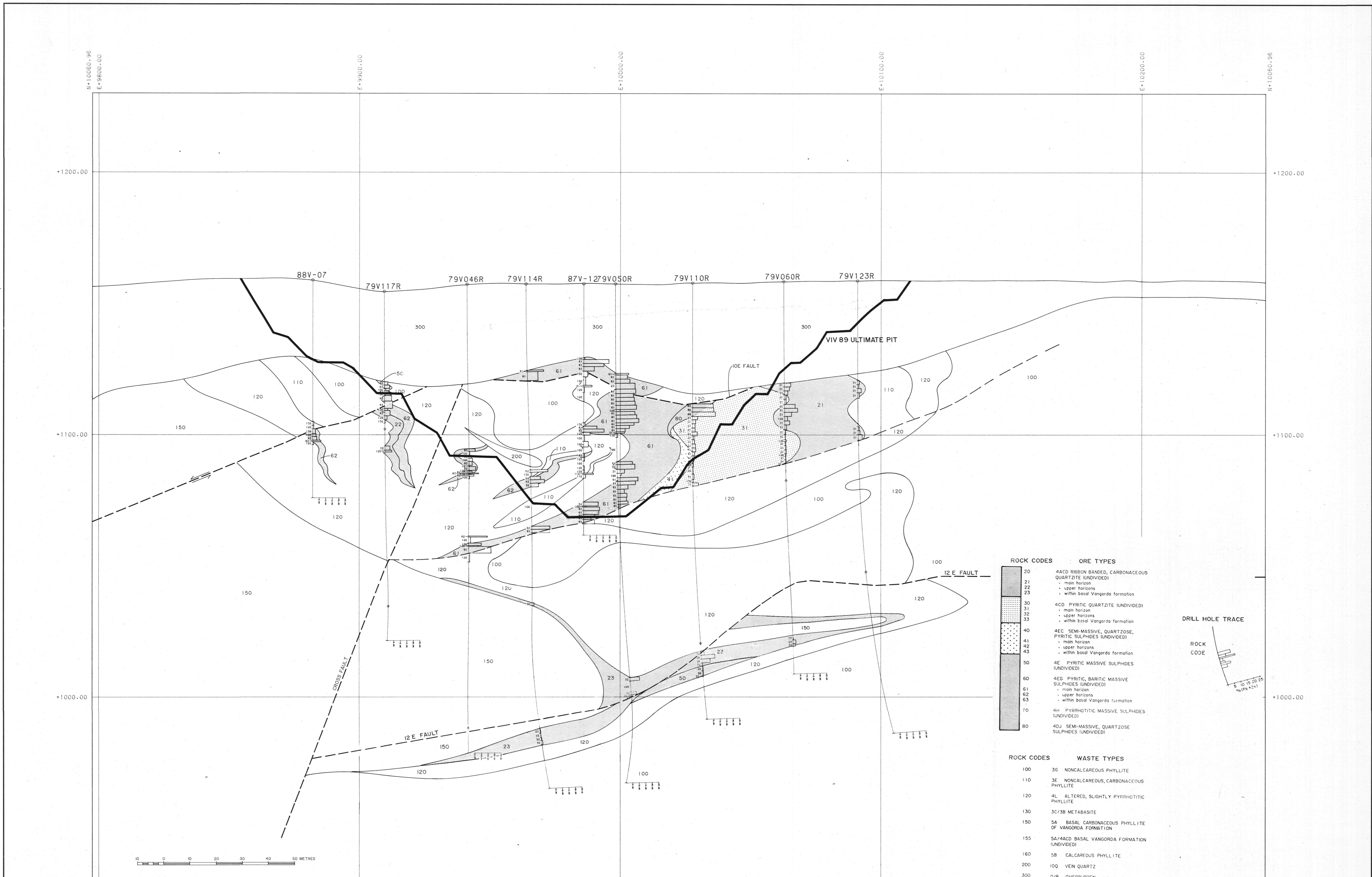




ROCK CODES	ORE TYPES
20	4AC0 RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARTIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

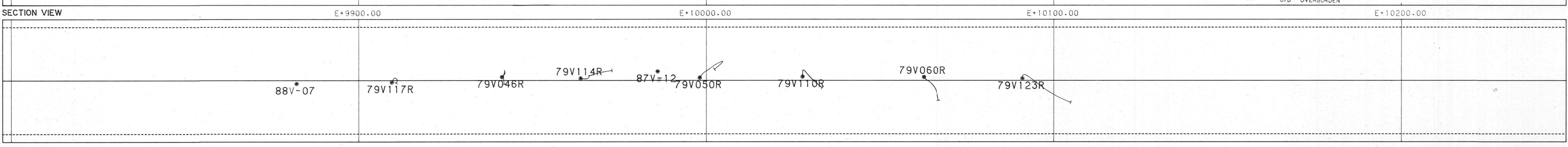
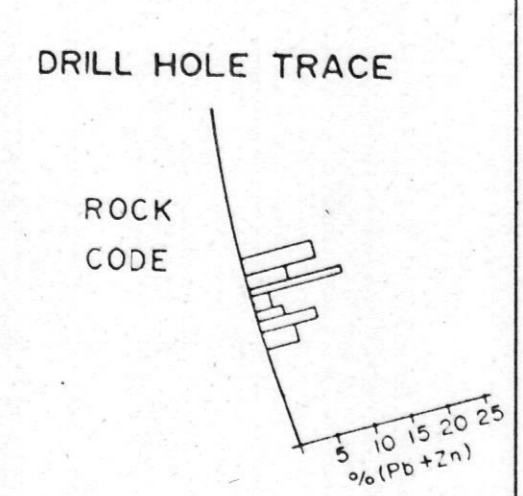
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VERN QUARTZ
300	O/B OVERBURDEN





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DU SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEN QUARTZ
300	0/B OVERBURDEN



**Curragh Resources Inc.**

**VANGORDA DEPOSIT**

DATE = 23-02-90  
 TIME = 16:28:41  
 DRAWN BY = HANDESON  
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

VERTICAL CROSS SECTION  
 10+00E  
 LOOKING NW

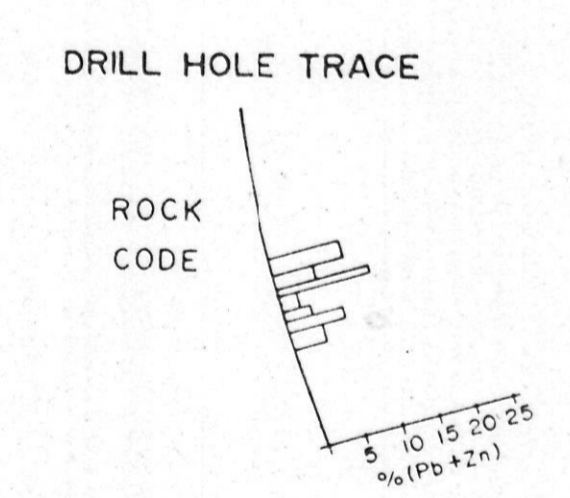
18912 Interpretation  
 REVISIONS: 28-05-90

HORIZONTAL SCALE = 1 : 500  
 VERTICAL SCALE = 1 : 500

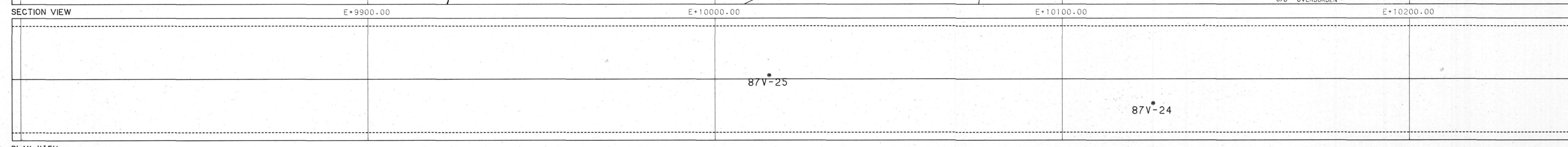


ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CQ PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

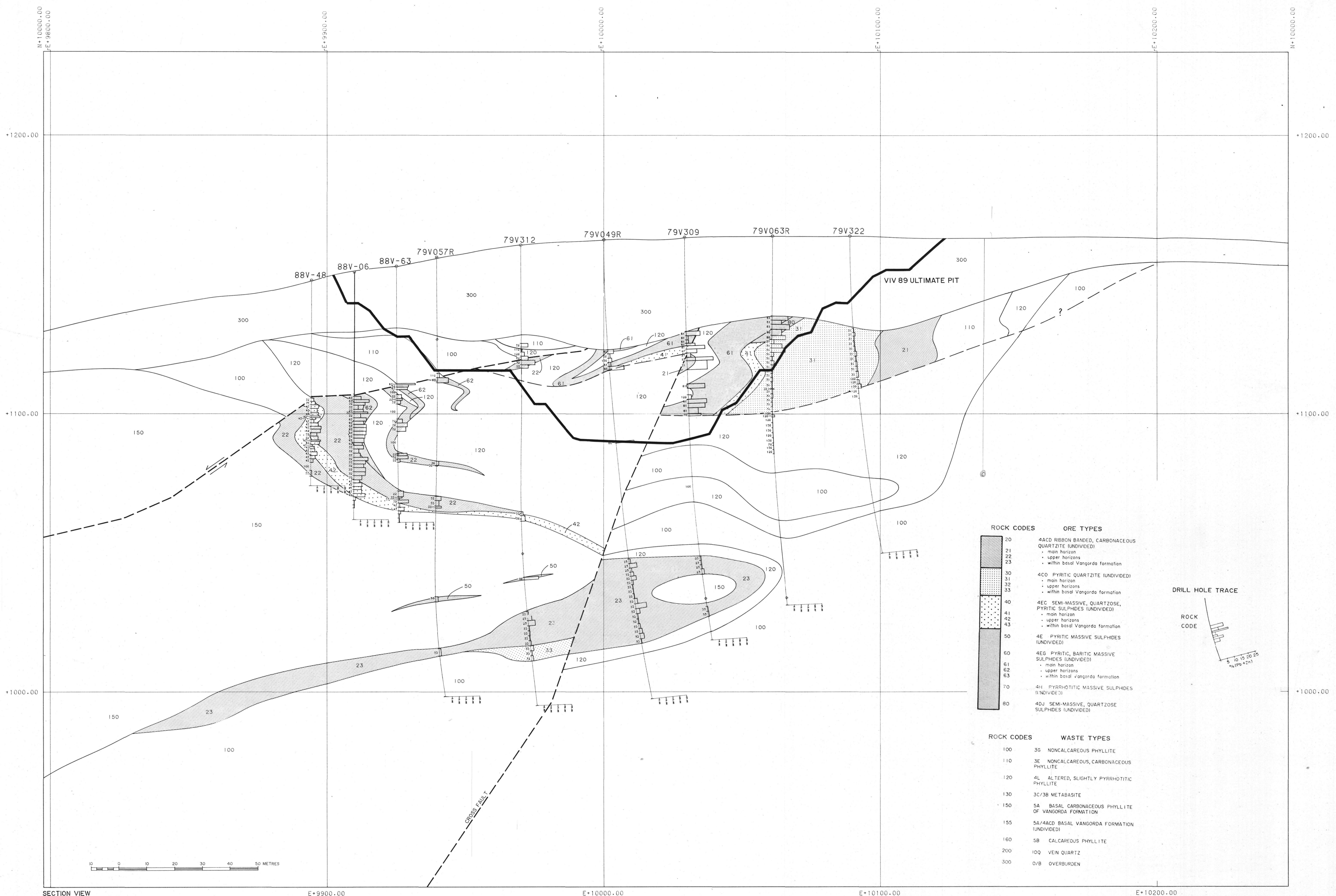
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	O/B OVERBURDEN



0 10 20 30 40 50 METRES

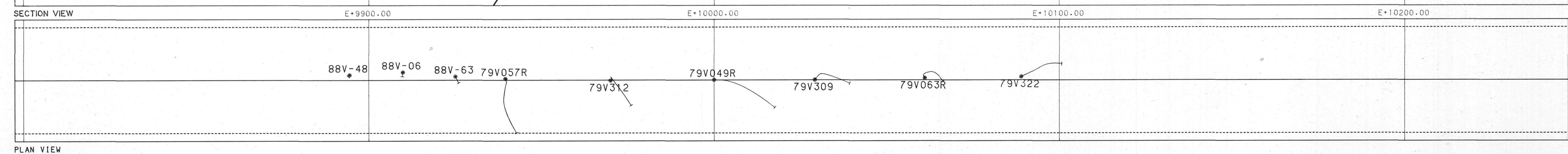
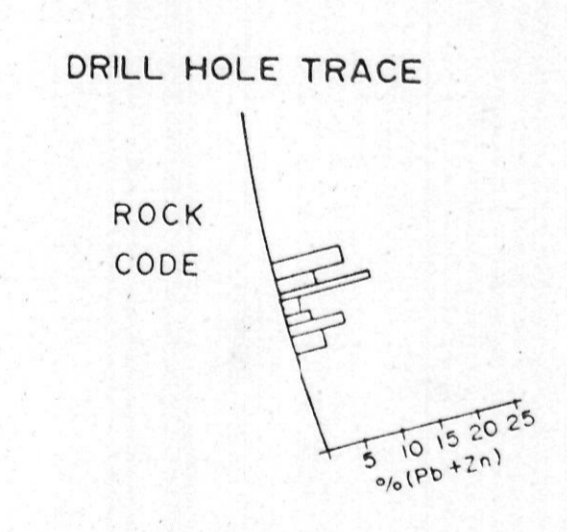


<p><b>VANGORDA DEPOSIT</b></p>	<p>VERTICAL CROSS SECTION 1:100E LOOKING NW</p>	
	<p>DATE: 23-02-90 DRAWN BY: HANDESON</p>	<p>REVISOR: 28-05-90</p>
<p>QUICK-PLLOT DEMON Services Inc. HORIZONTAL SCALE: 1:500</p>	<p>TIME: 16:21:23</p>	<p>VERTICAL SCALE: 1:500</p>



ROCK CODES	ORE TYPES
20	43C0 RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEM-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4D3 SEM-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4A00 BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	O/B OVERBURDEN



**Carruth Resources Inc.**

**VANGORDA DEPOSIT**

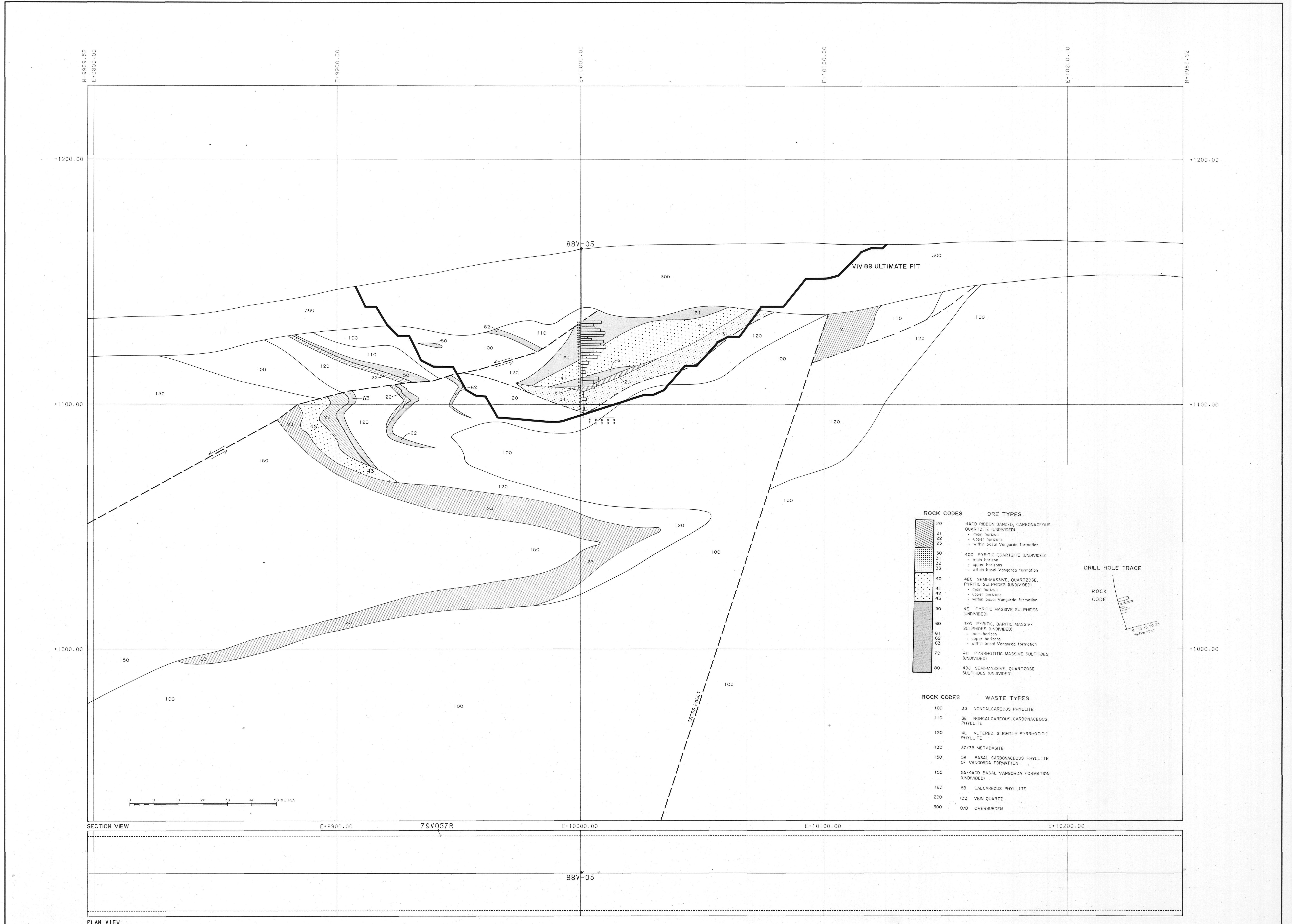
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TIME: 16:13:43

VERTICAL CROSS SECTION  
12+00E  
LOOKING NW

YB912 Interpretation

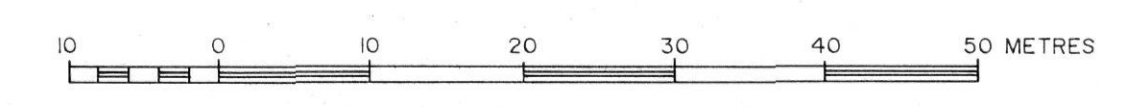
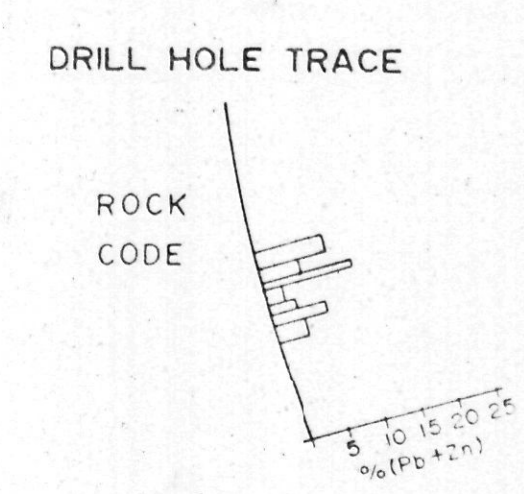
REVISD: 28-05-90

HORIZONTAL SCALE = 1 : 500  
VERTICAL SCALE = 1 : 500



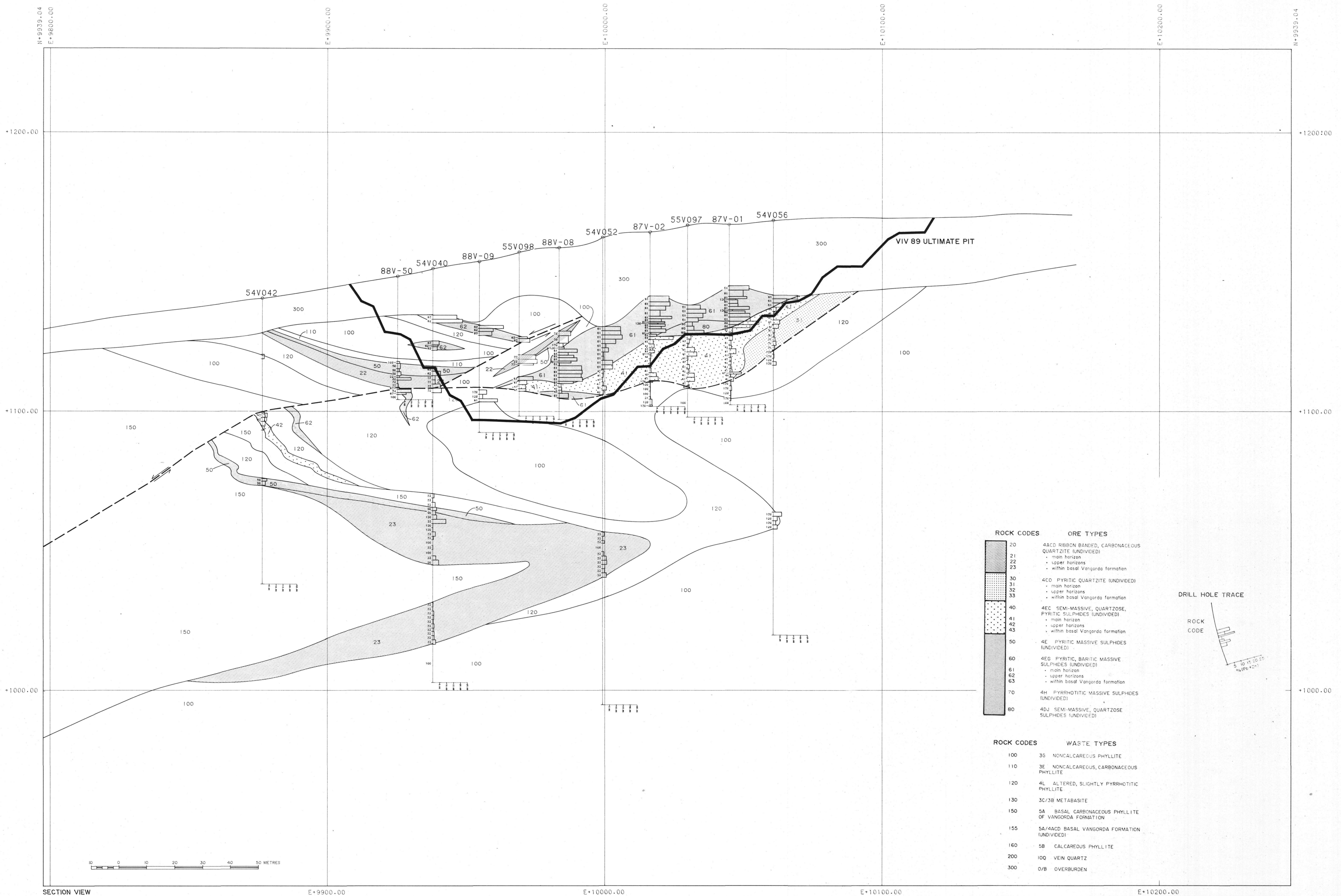
ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	main horizon
22	upper horizons
23	within basal Vangorda formation
30	4CC PYRITIC QUARTZITE (UNDIVIDED)
31	main horizon
32	upper horizons
33	within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	main horizon
42	upper horizons
43	within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	main horizon
62	upper horizons
63	within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEN QUARTZ
300	0/B OVERBURDEN



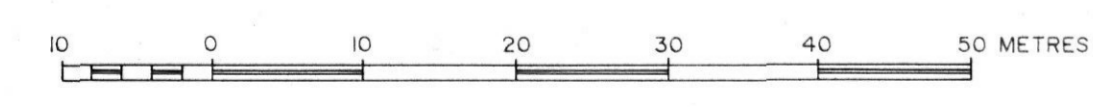
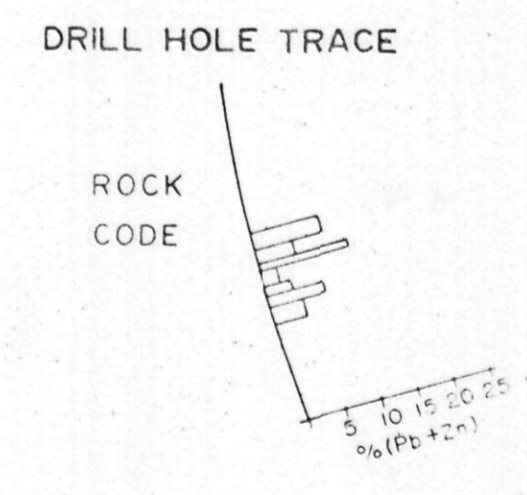
	<b>VERTICAL CROSS SECTION</b> 13-00E LOOKING NW		
	VANGORDA DEPOSIT	Y8912 Interpretation	
QUICK-PLLOT GEMCON Services Inc.	DATE = 23-05-90 TIME = 15:30:17	DRAWN BY : HANDESEN	HORIZONTAL SCALE = 1 : 500 VERTICAL SCALE = 1 : 500

AN-VA-90-023

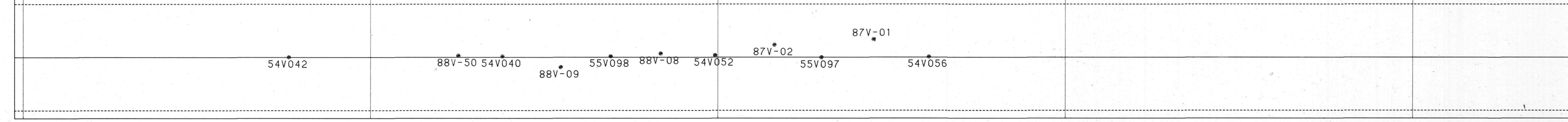


ROCK CODES	ORE TYPES
20	4AC RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4EO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

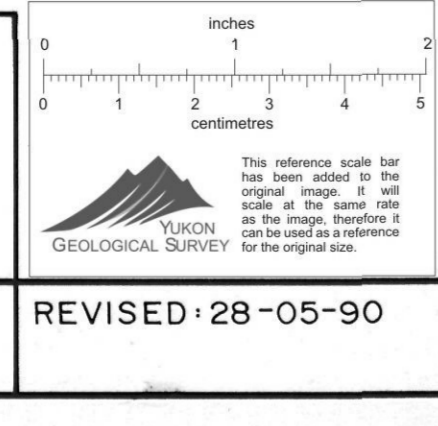
ROCK CODES	WASTE TYPES
100	3S NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL, CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	1Q VEIN QUARTZ
300	0/B OVERBURDEN

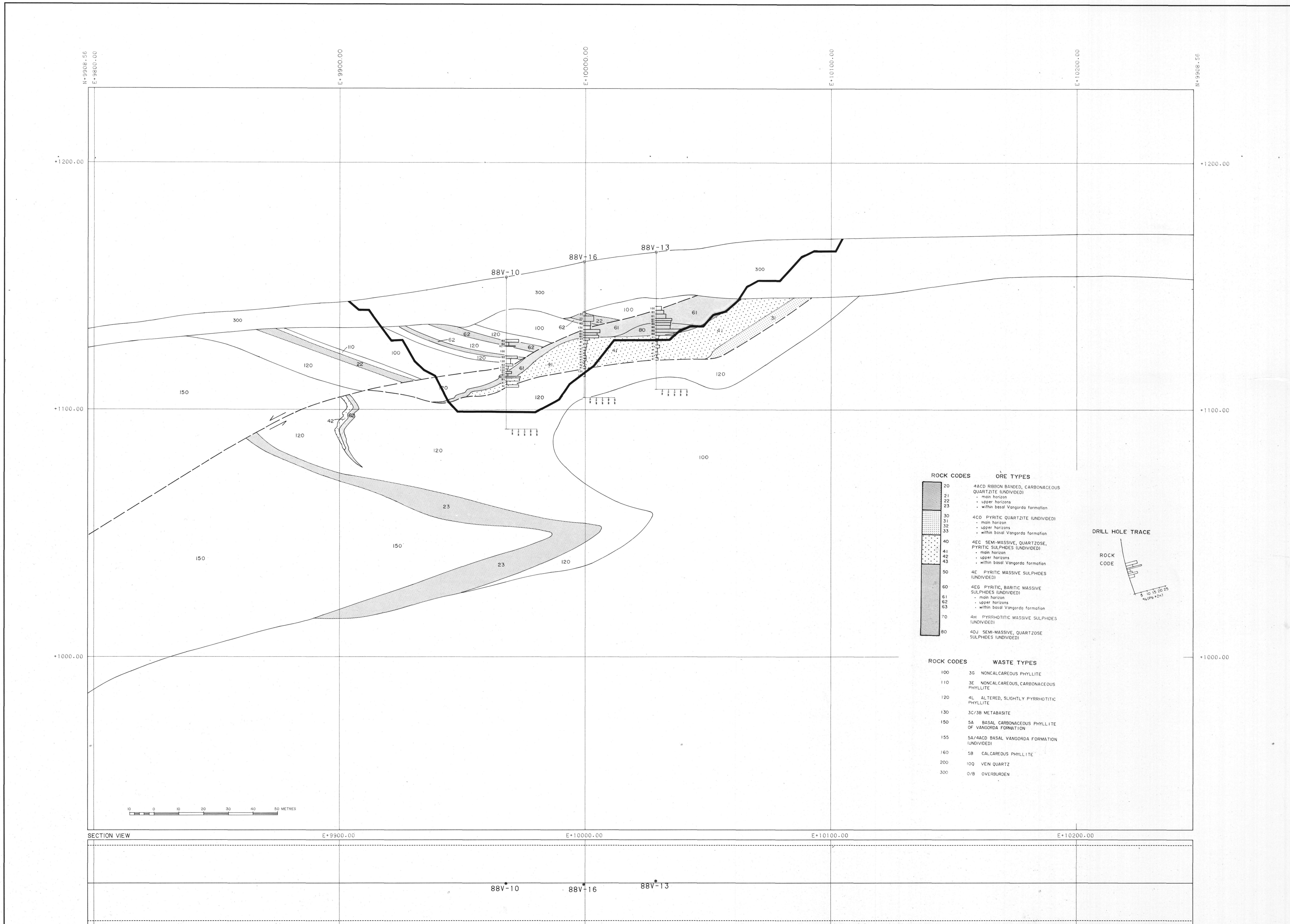


SECTION VIEW E+9900.00 E+10000.00 E+10100.00 E+10200.00



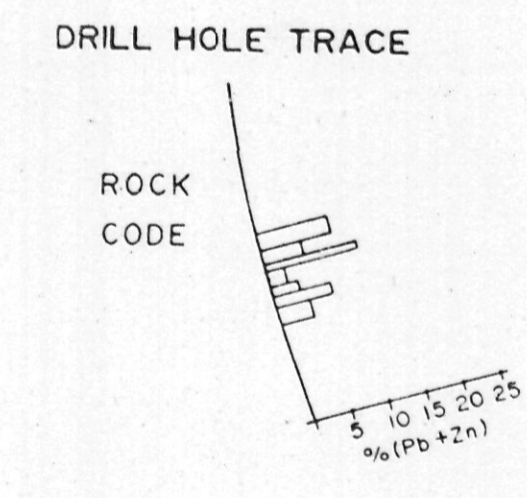
**Carruth Resources Inc.**  
**VANGORDA DEPOSIT**  
 DATE: 23-02-90  
 TIME: 13:51:08  
 DRAWN BY: HANDESON  
 V8912 Interpretation  
 REVISION: 28-05-90





ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN



**Corrough Resources Inc.**

**VANGORDA DEPOSIT**

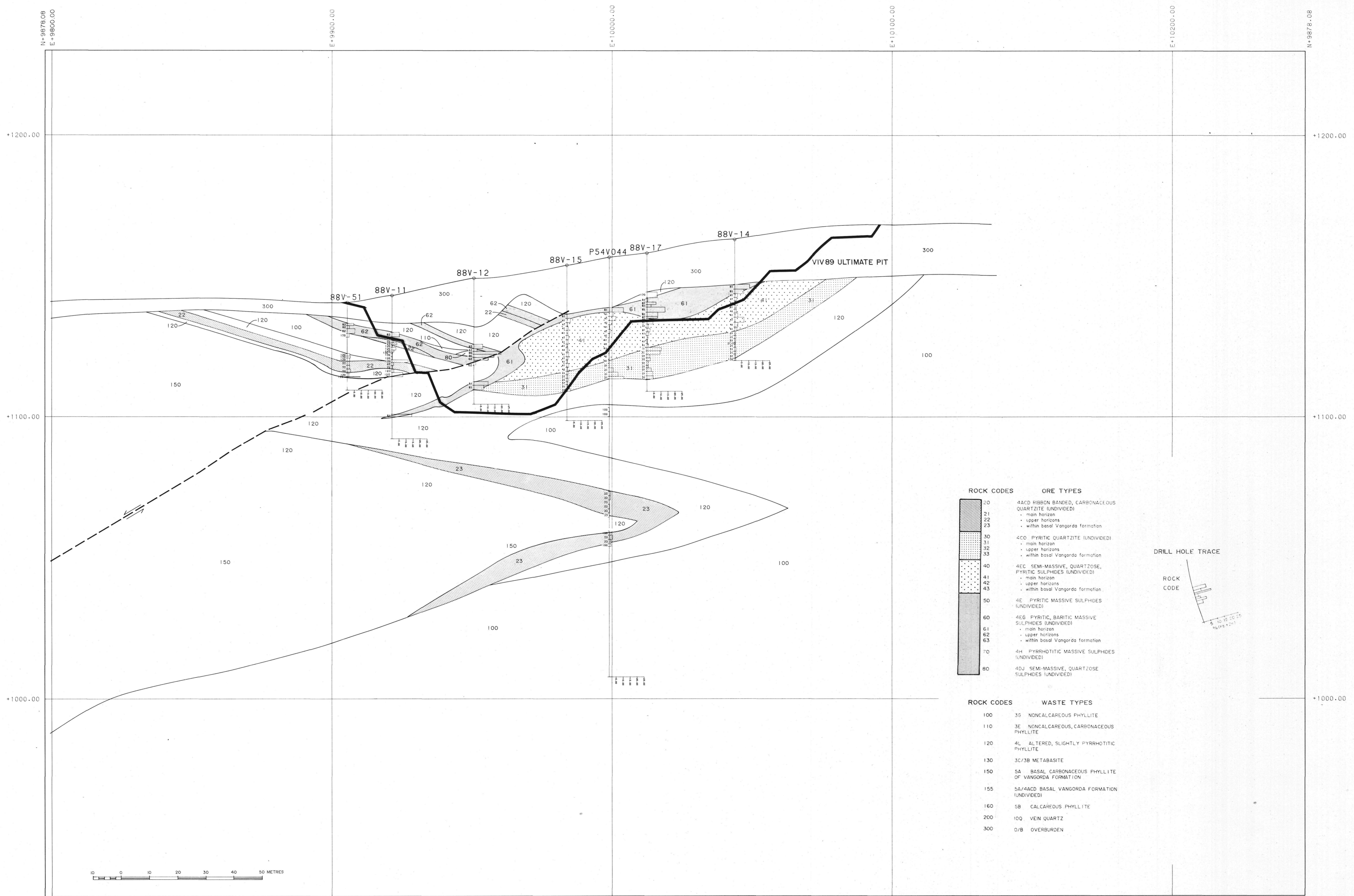
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TIME = 15:37:13

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VERTICAL SCALE = 1 : 500

**VERTICAL CROSS SECTION**  
15+00E  
LOOKING NW

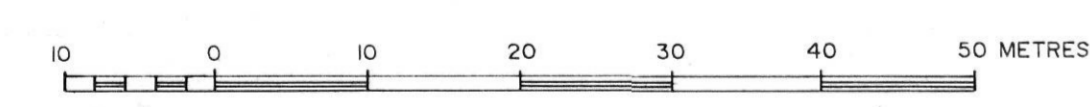
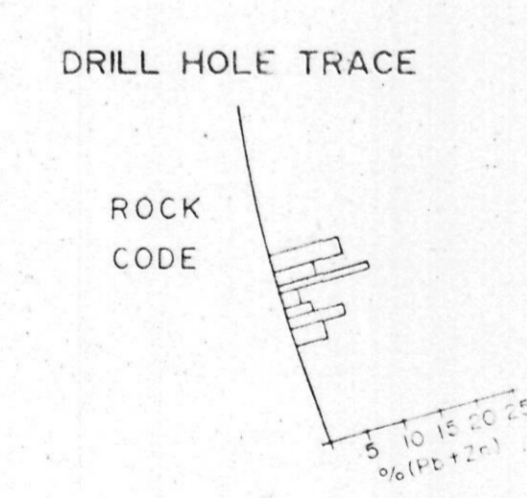
REVISIONS

REVISED: 28-05-90

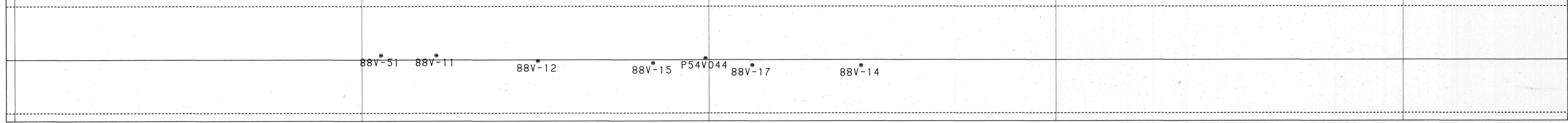


ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	400 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
4E	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
4G	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

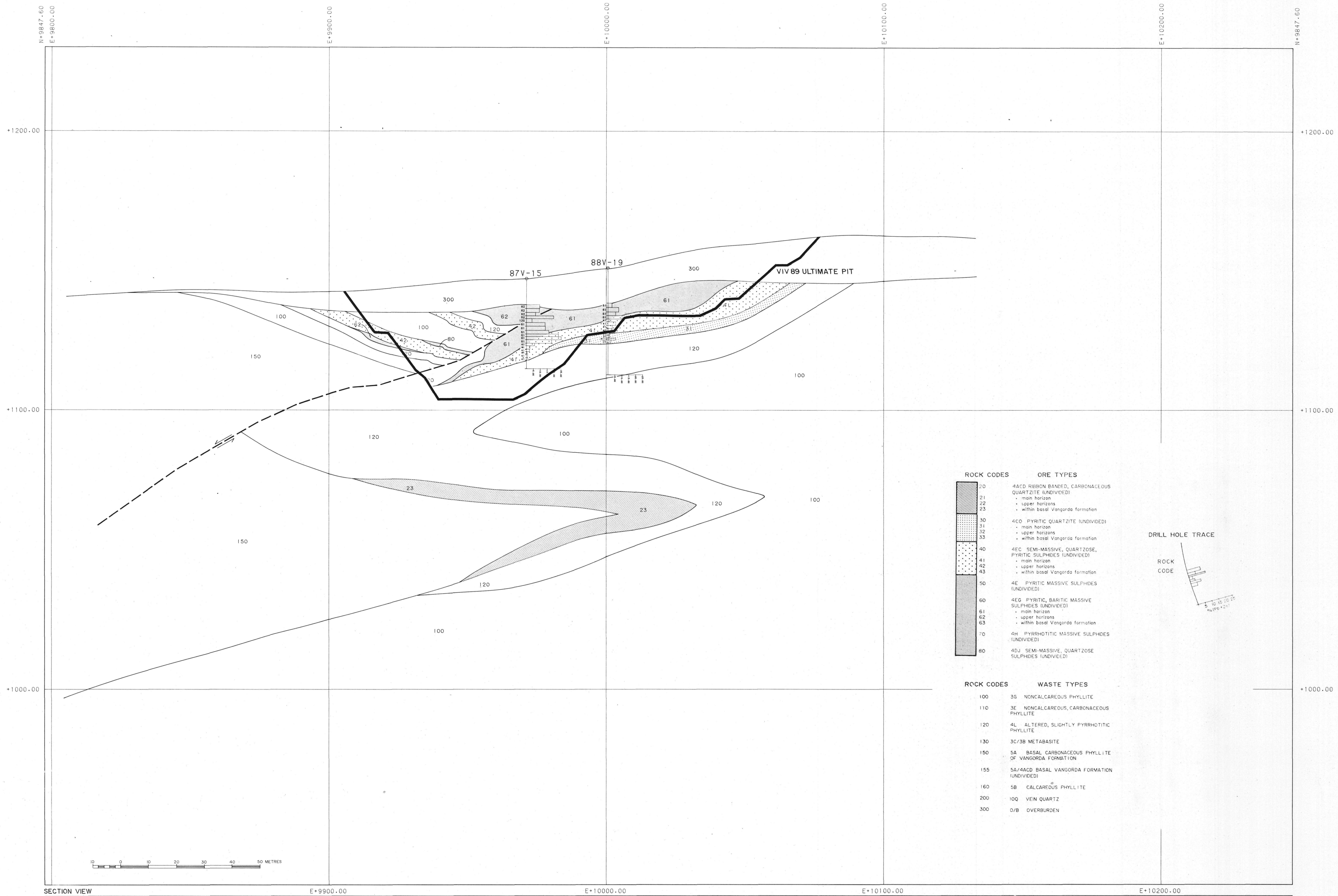
ROCK CODES	WASTE TYPES
100	3S NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VENN QUARTZ
300	0/B OVERBURDEN



SECTION VIEW E+9900.00 E+10000.00 E+10100.00 E+10200.00

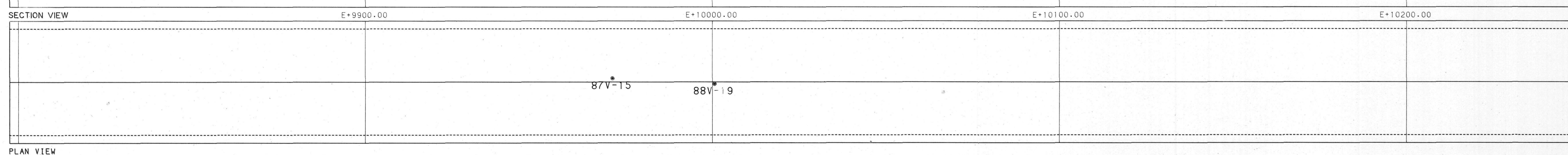
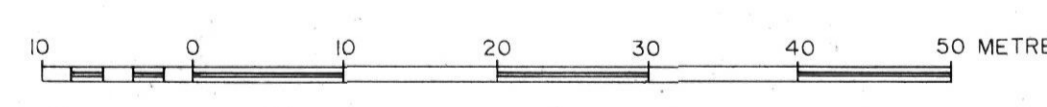


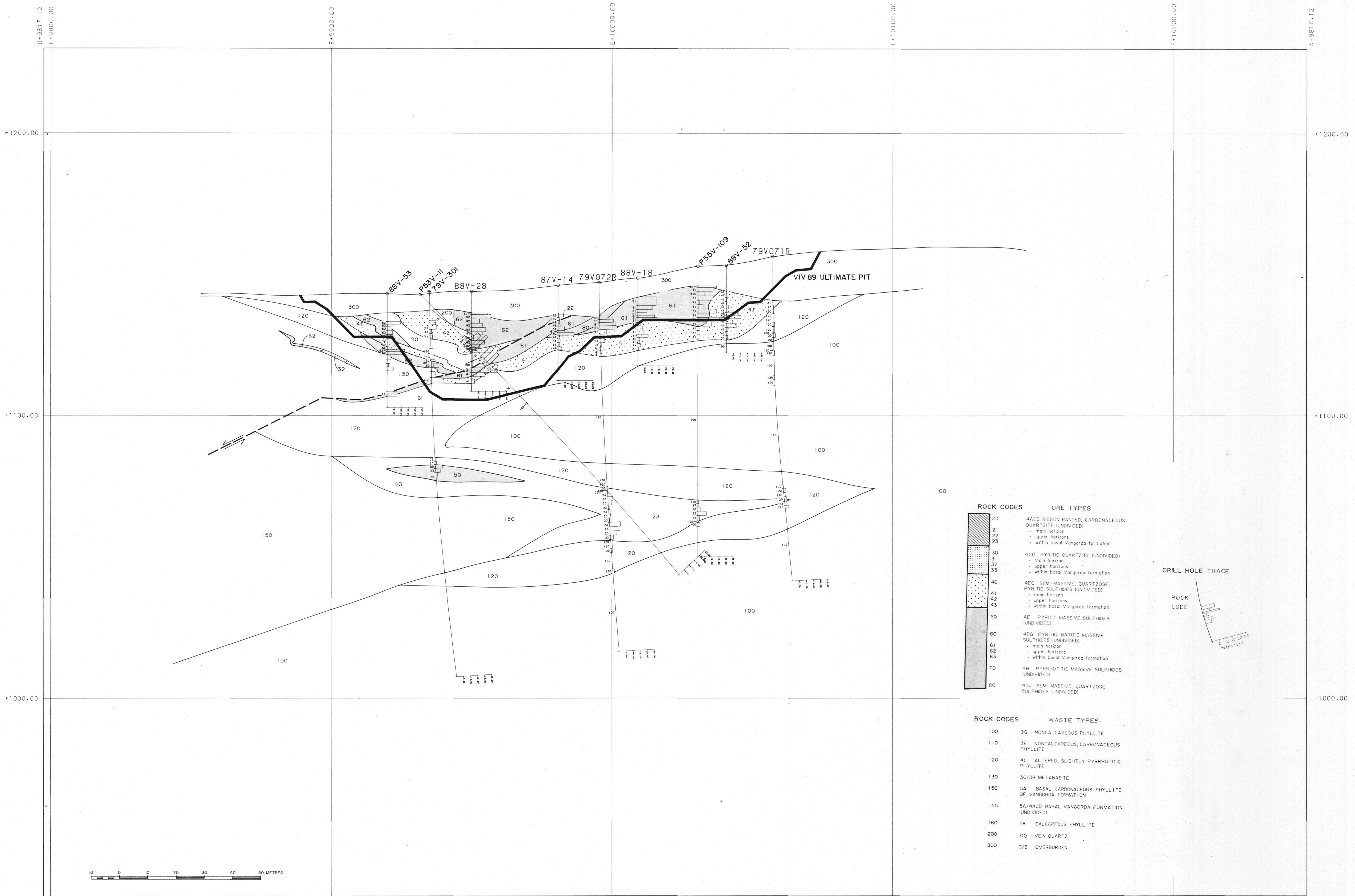
**Carruth Resources Inc.**  
**VANGORDA DEPOSIT**  
 VERTICAL CROSS SECTION  
 16+00E  
 LOOKING NW  
 QUICK-PLOT DATE: 22-02-90 TIME: 17:10:07  
 GENDON SERVICES Inc. DRAWN BY: HANDESHIN  
 HORIZONTAL SCALE: 1:500 VERTICAL SCALE: 1:500  
 19912 Interpretation  
 REVISED: 28-05-90



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	main horizon
22	upper horizons
23	within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	main horizon
32	upper horizons
33	within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	main horizon
42	upper horizons
43	within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	main horizon
62	upper horizons
63	within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DU SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

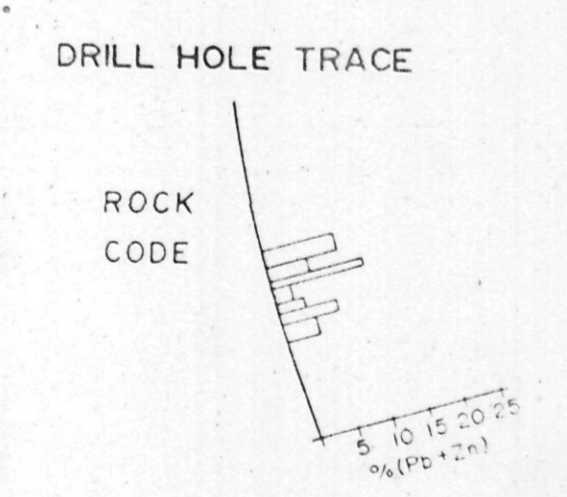
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	O/B OVERBURDEN



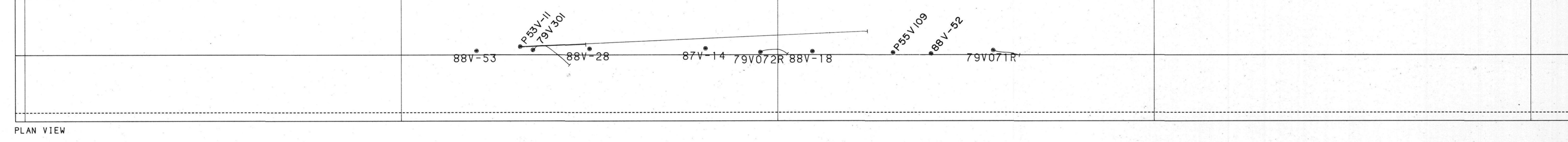


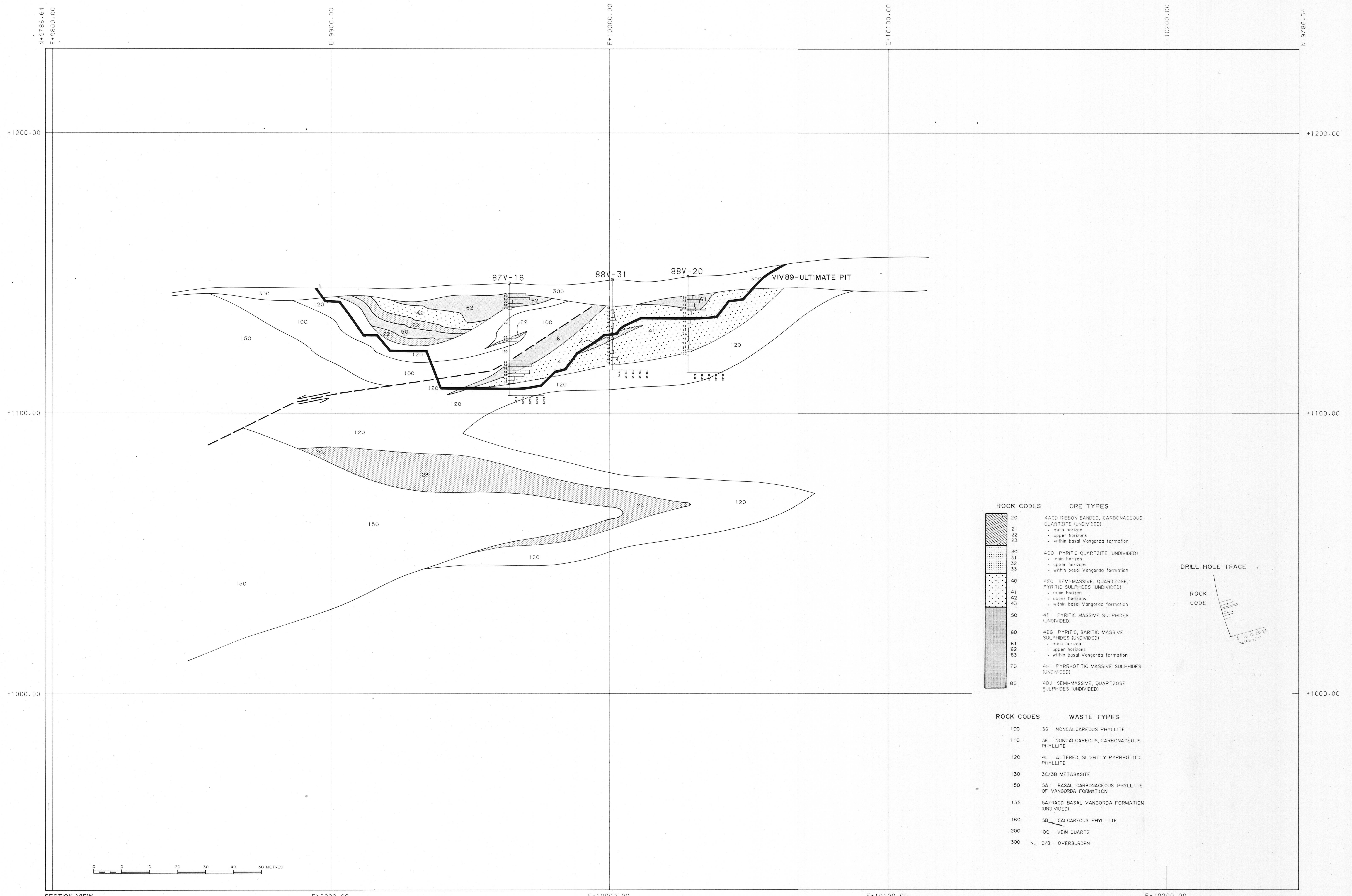
ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEM-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4D1 SEM-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VEIN QUARTZ
300	0/B OVERBURDEN



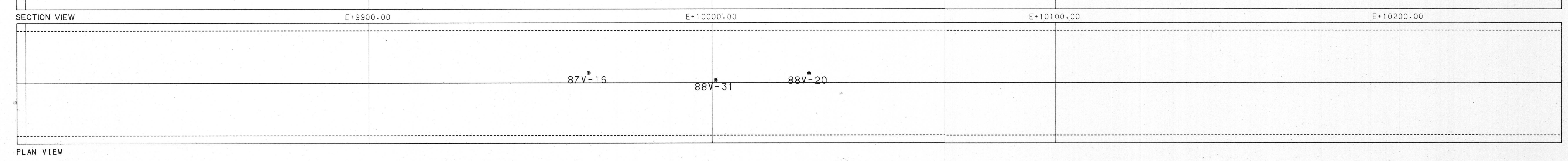
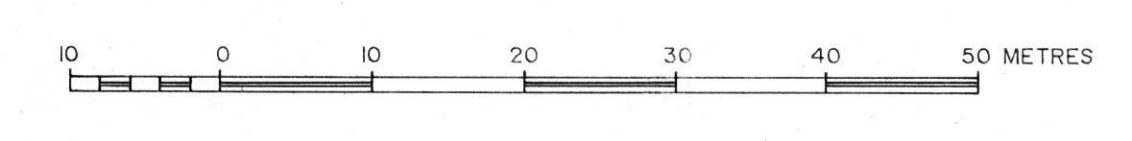
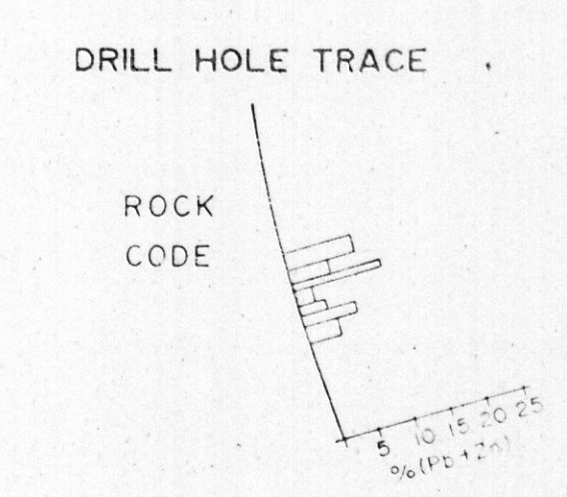
SECTION VIEW E+9900.00 E+10000.00 E+10100.00 E+10200.00



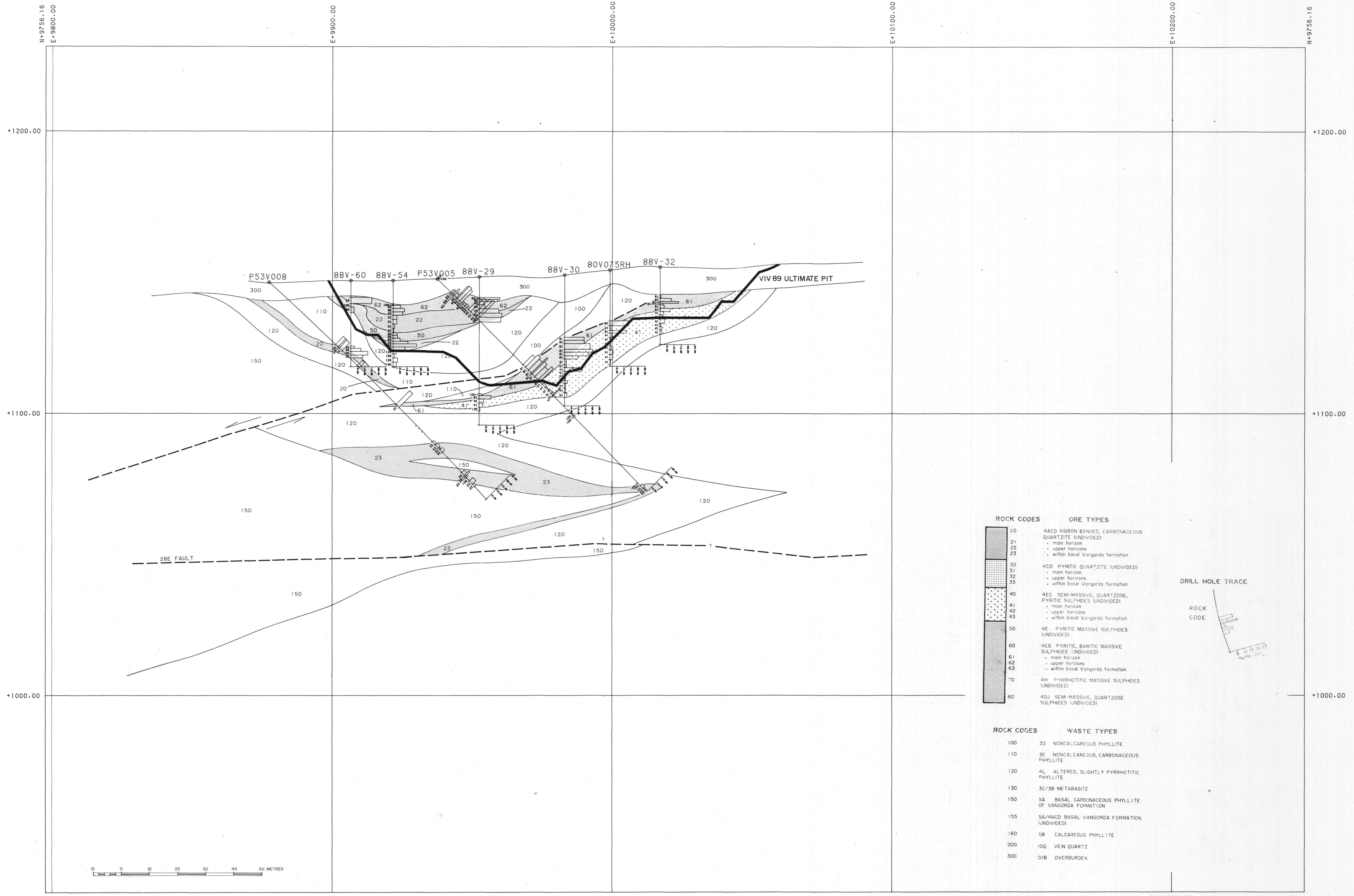


ROCK CODES	ORE TYPES
20	4&C0 RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4E0 SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4F PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4E0 PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4D0 SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	35 NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4C0 BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VEIN QUARTZ
300	0/B OVERBURDEN

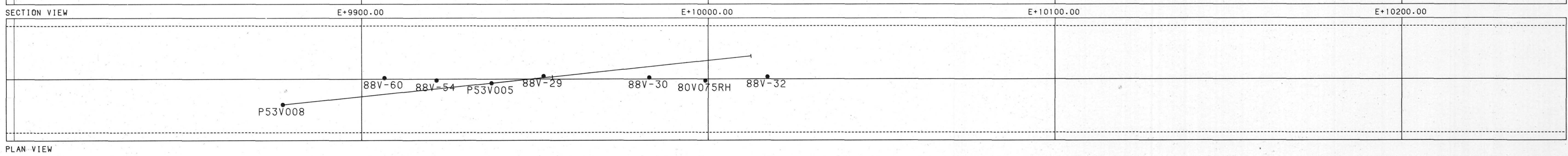
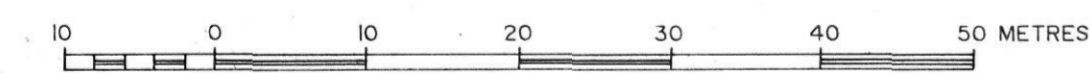
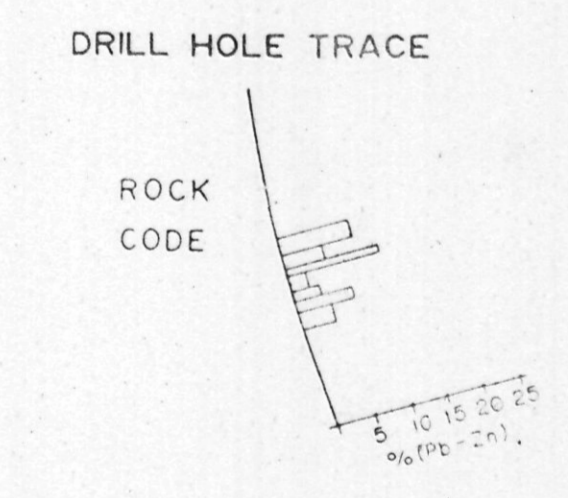


 <b>Carroll Resources Inc.</b>	<b>VERTICAL CROSS SECTION</b> <b>19+00E</b> <b>LOOKING NW</b>		
	<b>VANGORDA DEPOSIT</b>	<b>REVISÉD 28-05-90</b>	
<small>QUICK-PLOT          GEORGIN SERVICES INC.</small>	<small>DATE = 22-02-90          TIME = 17:28:14</small>	<small>DRAWN BY: HANDESON</small>	<small>Y8912 Interpretation</small>
<small>HORIZONTAL SCALE = 1 : 500</small>	<small>VERTICAL SCALE = 1 : 500</small>		



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

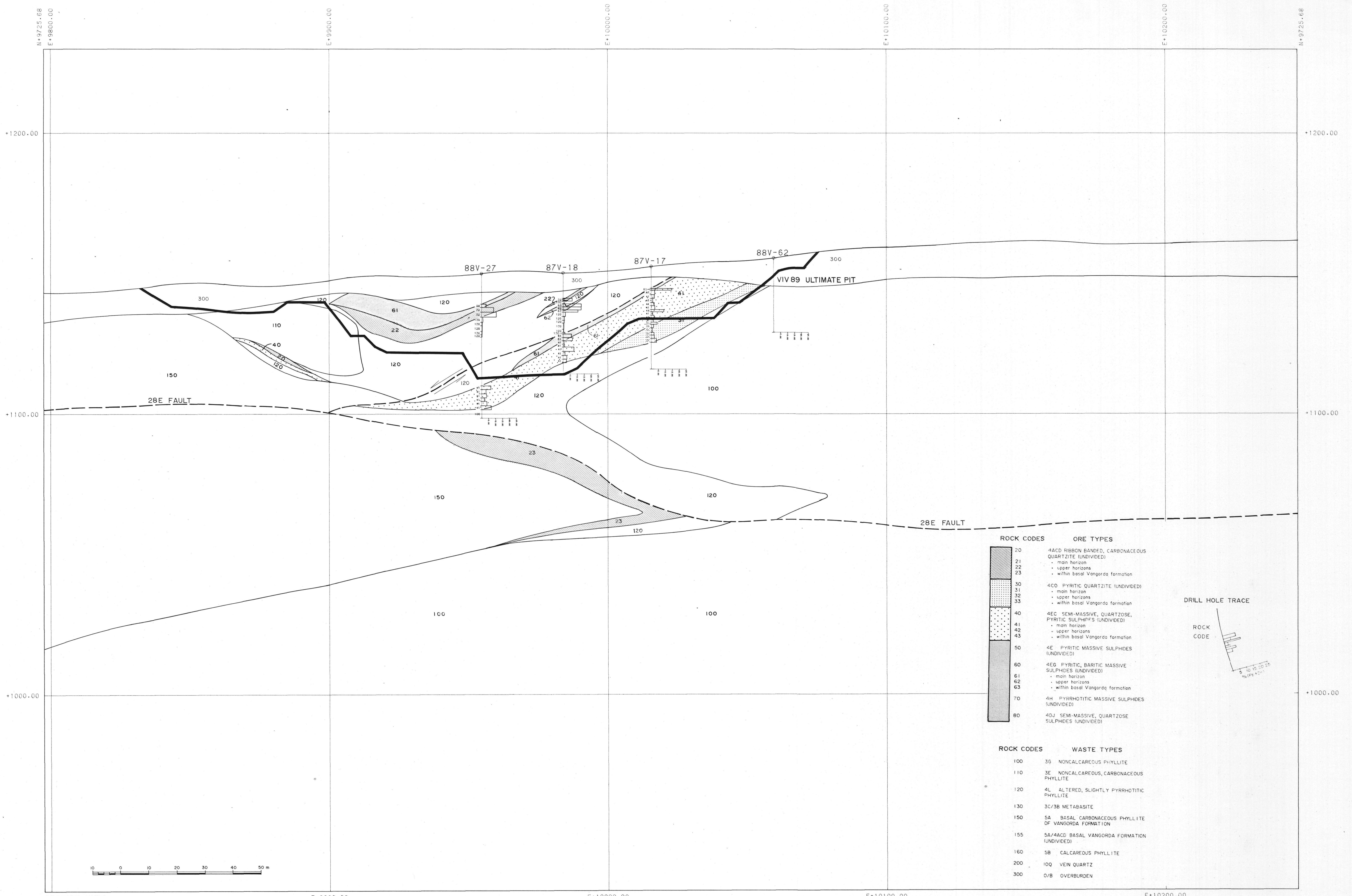
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN



**Corridor Resources Inc.**  
**VANGORDA DEPOSIT**  
 QUICK-PLOT DATE = 28-02-90 DRAWN BY: HANDESHIN  
 GENCOR Services Inc. TIME = 18:24:43  
 HORIZONTAL SCALE = 1 : 500 VERTICAL SCALE = 1 : 500

**VERTICAL CROSS SECTION**  
 20+00E  
 LOOKING NW  
 19812 Interpretation  
 REVISED 28-05-90

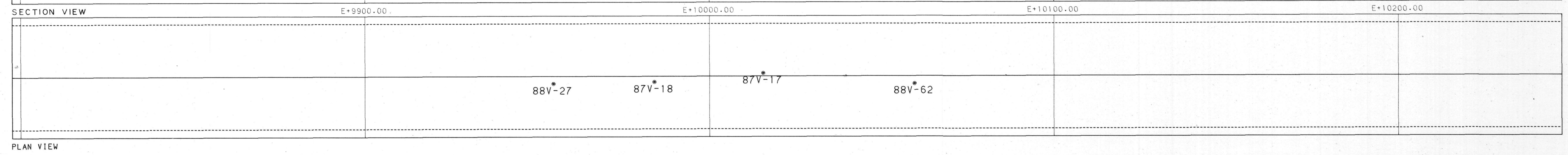
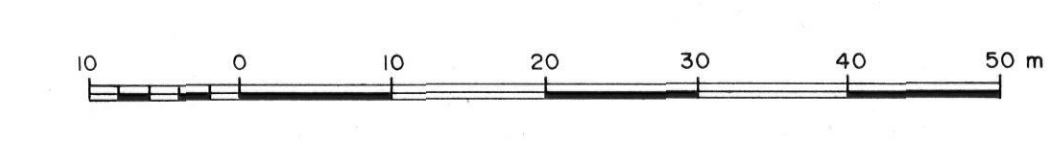
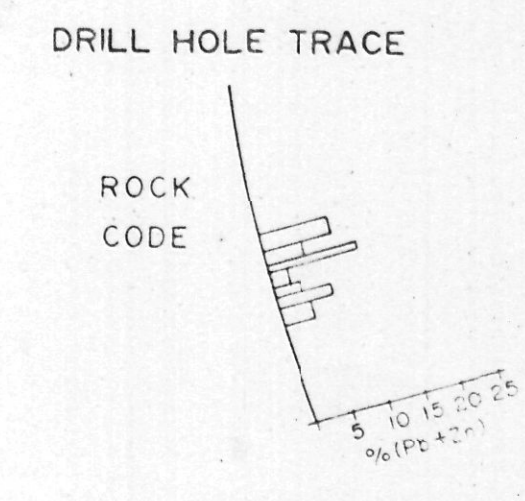
GEOLOGICAL SURVEY OF CANADA  
 1:500



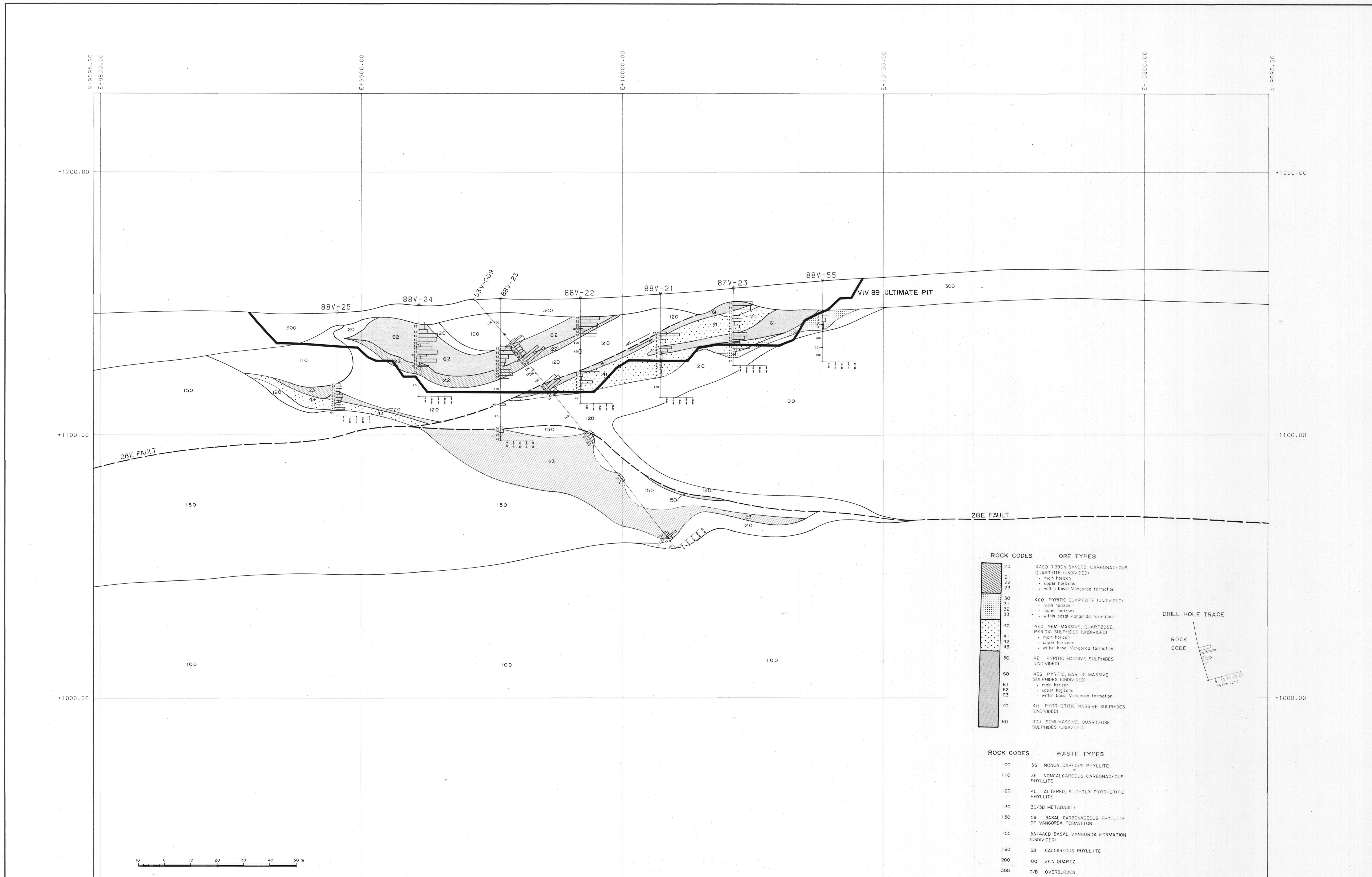
ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizon
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizon
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizon
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizon
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NON-CALCAREOUS PHYLLITE
110	3E NON-CALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VENN QUARTZ
300	0/B OVERBURDEN

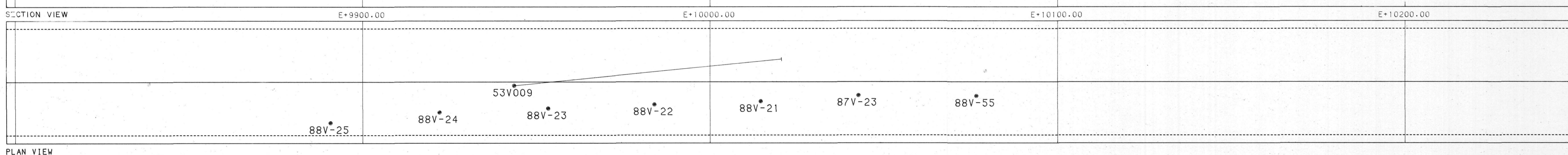
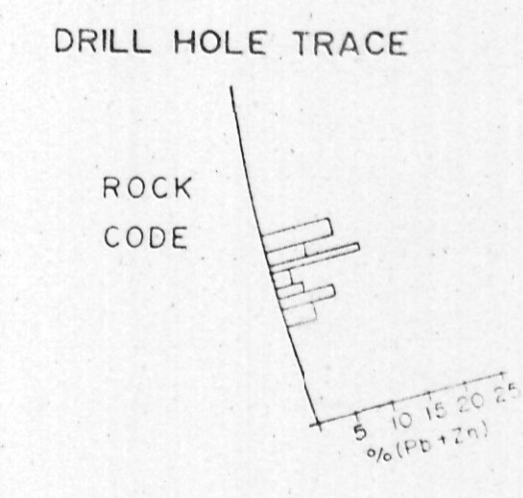


**Curragh Resources Inc.**  
**VANGORDA DEPOSIT**  
 VERTICAL CROSS SECTION  
 21-00E  
 LOOKING NW  
 88912 Interpretation  
 REVISIONS: 28-05-90  
 DATE: 23-02-90  
 TIME: 10:14:51  
 HORIZONTAL SCALE: 1:500  
 VERTICAL SCALE: 1:500



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

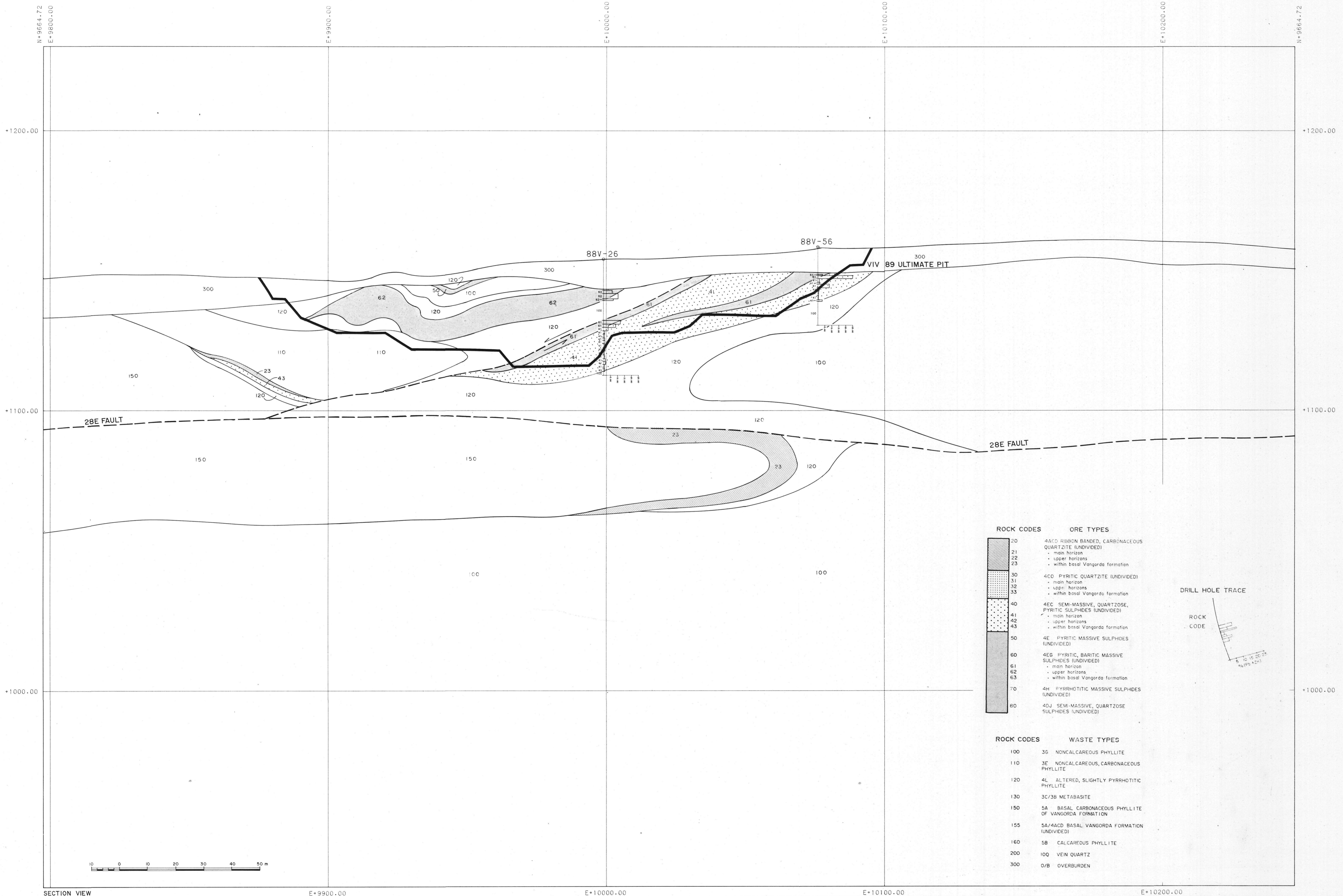
ROCK CODES	WASTE TYPES
100	3S NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	1Q VEIN QUARTZ
300	0/B OVERBURDEN



**Carruth Resources Inc.**  
**VANGORDA DEPOSIT**  
 QUICK-PLAT  
 GERRON SERVICES INC.  
 DATE: 23-02-90  
 TIME: 10:24:17  
 HORIZONTAL SCALE = 1 : 500

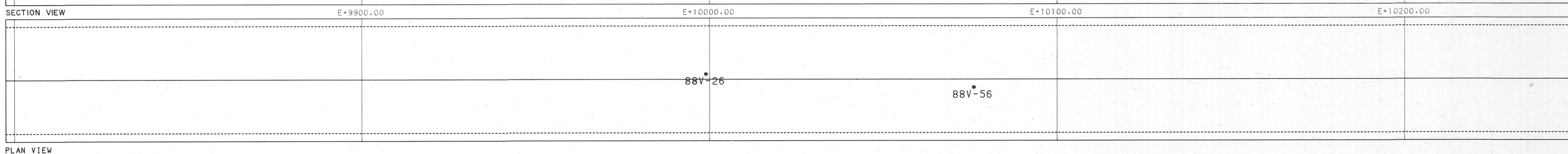
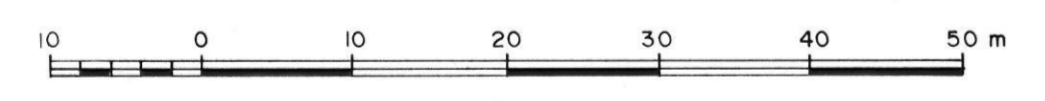
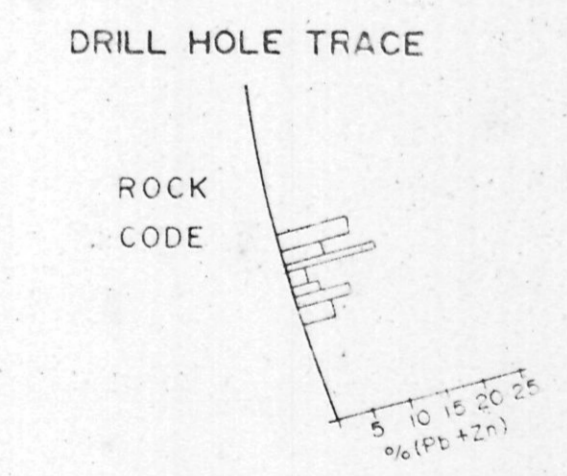
**VERTICAL CROSS SECTION**  
 22+00E  
 LOOKING NW  
 Y8912 Interpretation

REVISIONS  
 REVISION NO. DATE BY  
 1 28-05-90



ROCK CODES	ORE TYPES
30	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	35 NON-CALCAREOUS PHYLLITE
110	3E NON-CALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	0/B OVERBURDEN



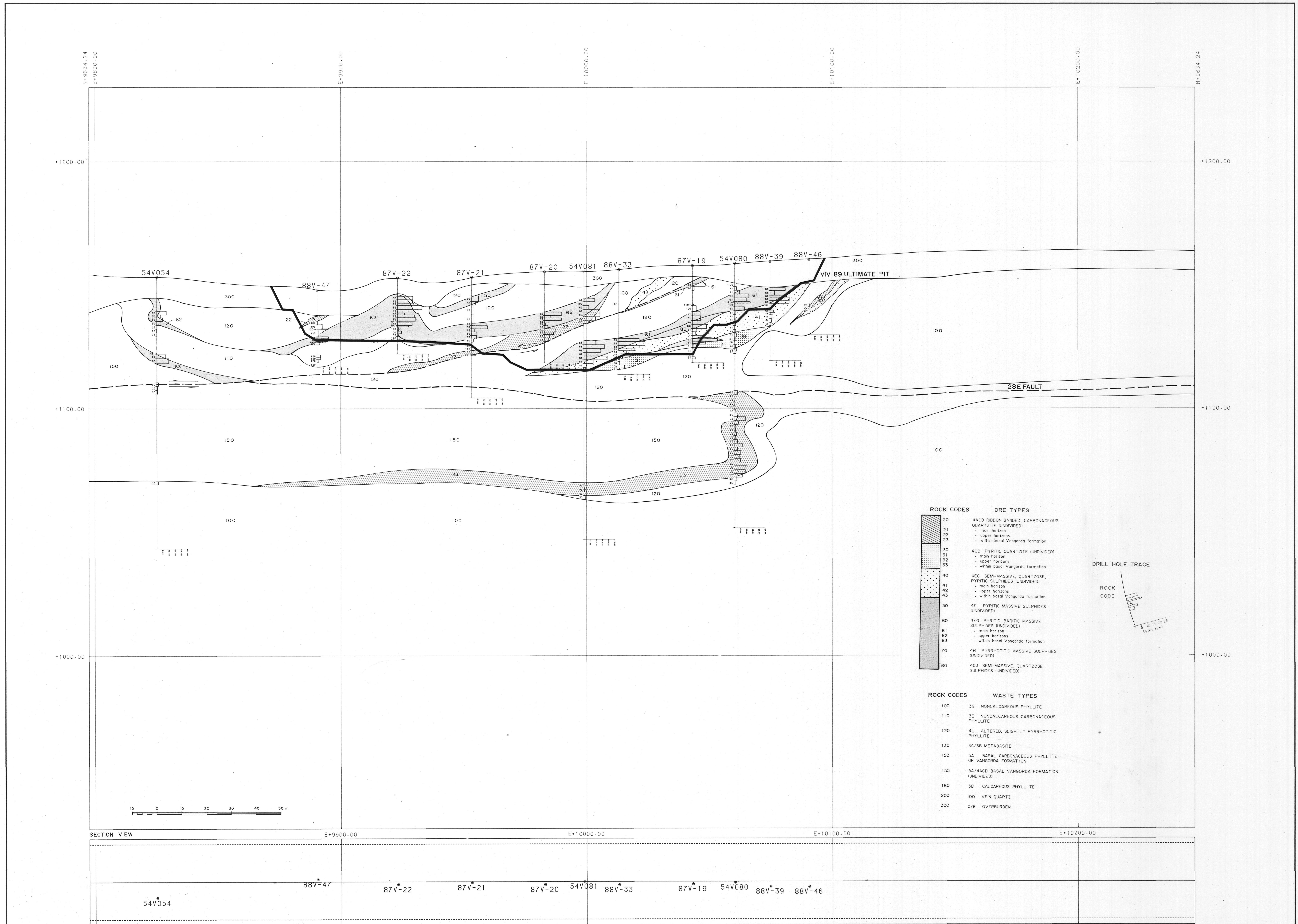
**Cornwall Resources Inc.**

**VANGORDA DEPOSIT**

DATE: 23-02-90  
 TIME: 10:32:49  
 HORIZONTAL SCALE: 1:500  
 VERTICAL SCALE: 1:500

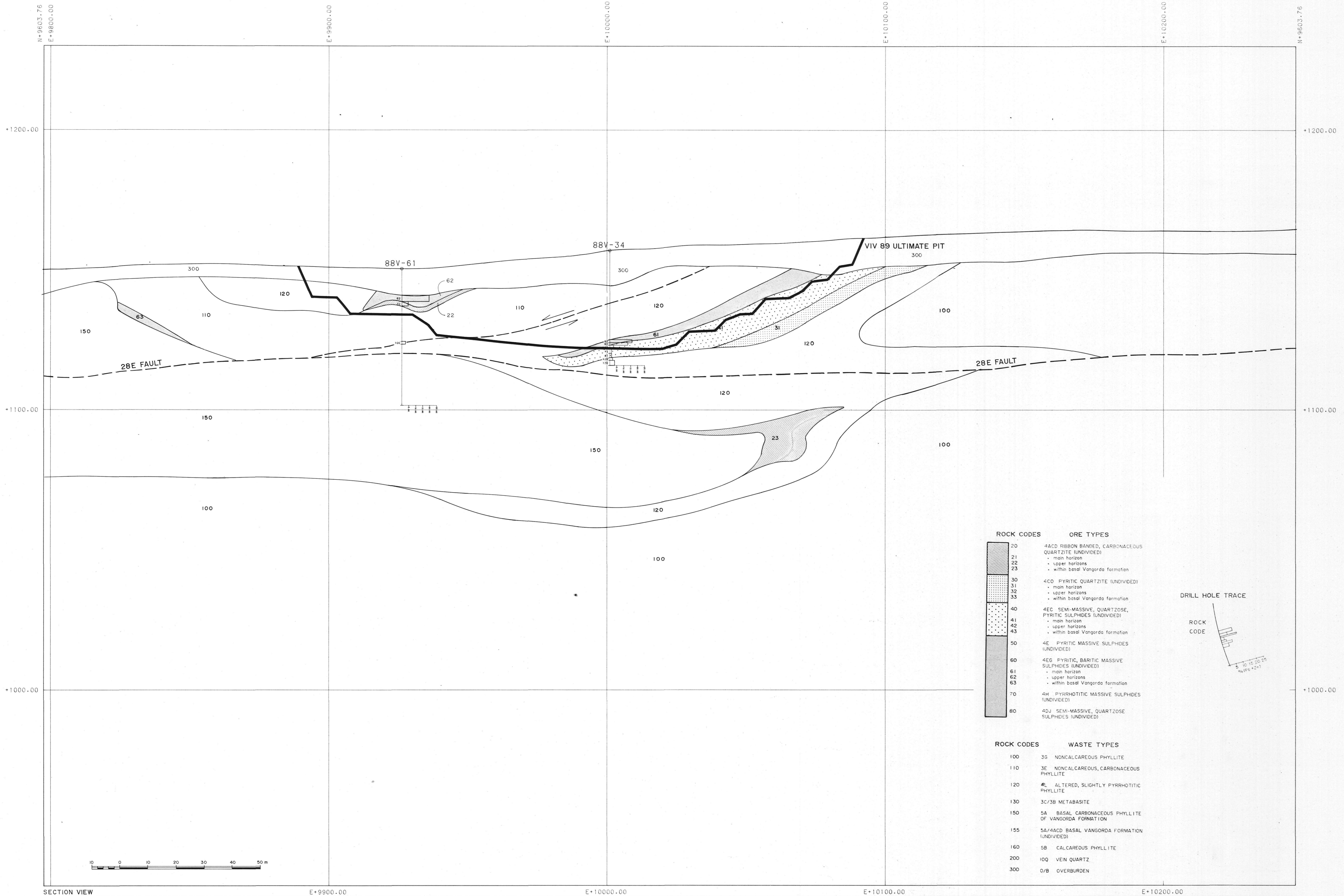
VERTICAL CROSS SECTION  
 23+00E  
 LOOKING NW

REVISIONS  
 REVISED: 28-05-90



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	1Q VEN QUARTZ
300	0/B OVERBURDEN



SECTION VIEW

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E+10000.00

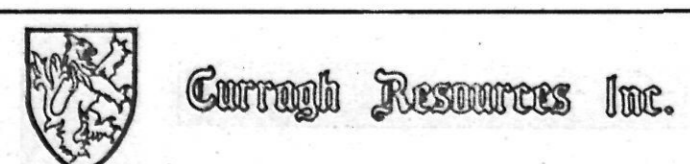
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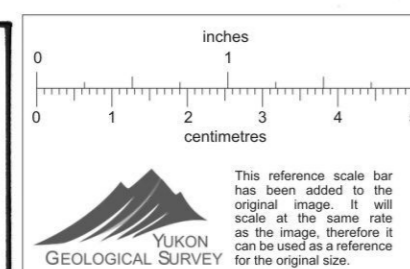
PLAN VIEW

88V-61

88V-34



VERTICAL CROSS SECTION  
25+00E  
LOOKING NW

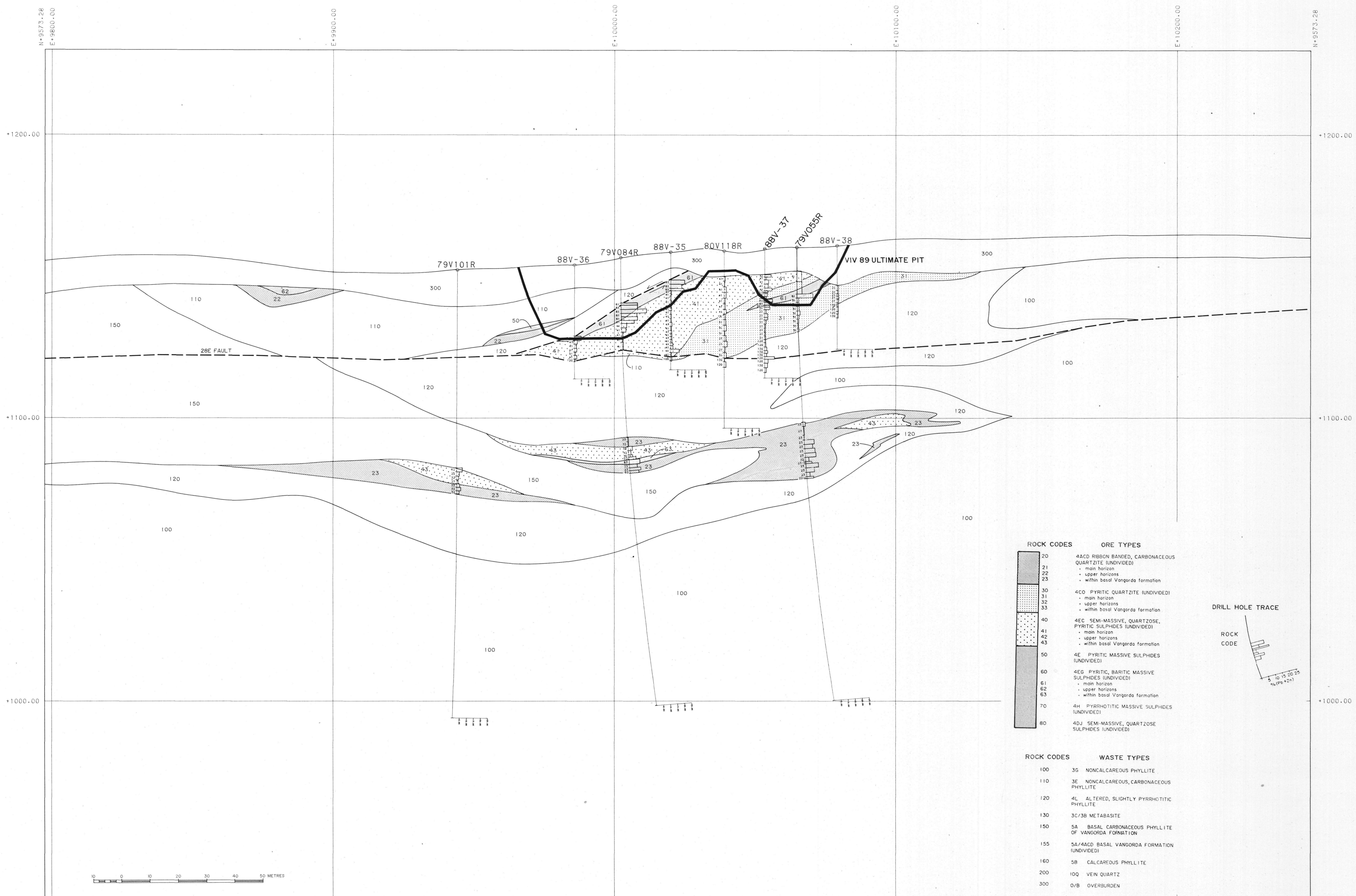


VANGORDA DEPOSIT

88912 Interpretation

REVISED-28-05-90

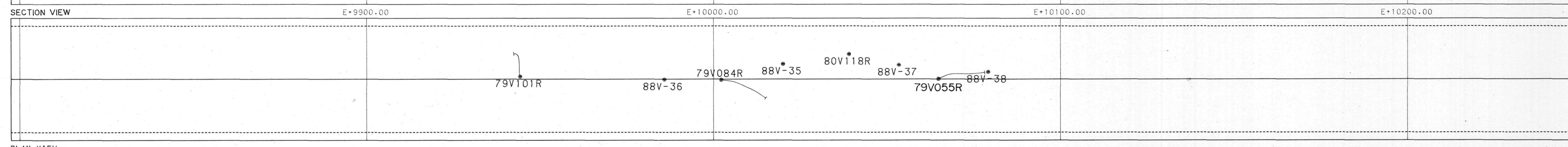
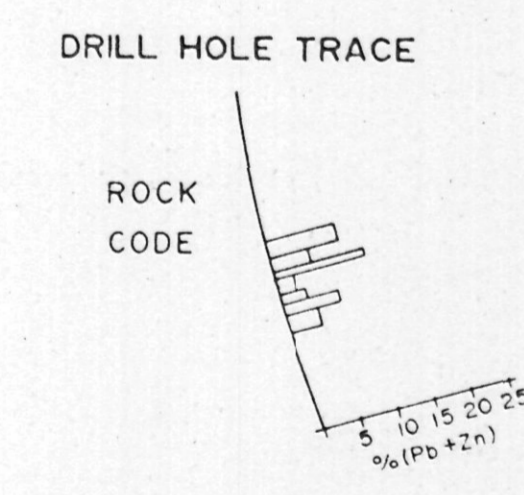
AN-VA-90-035



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
4E	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DU SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	O/B OVERBURDEN



**Curragh Resources Inc.**

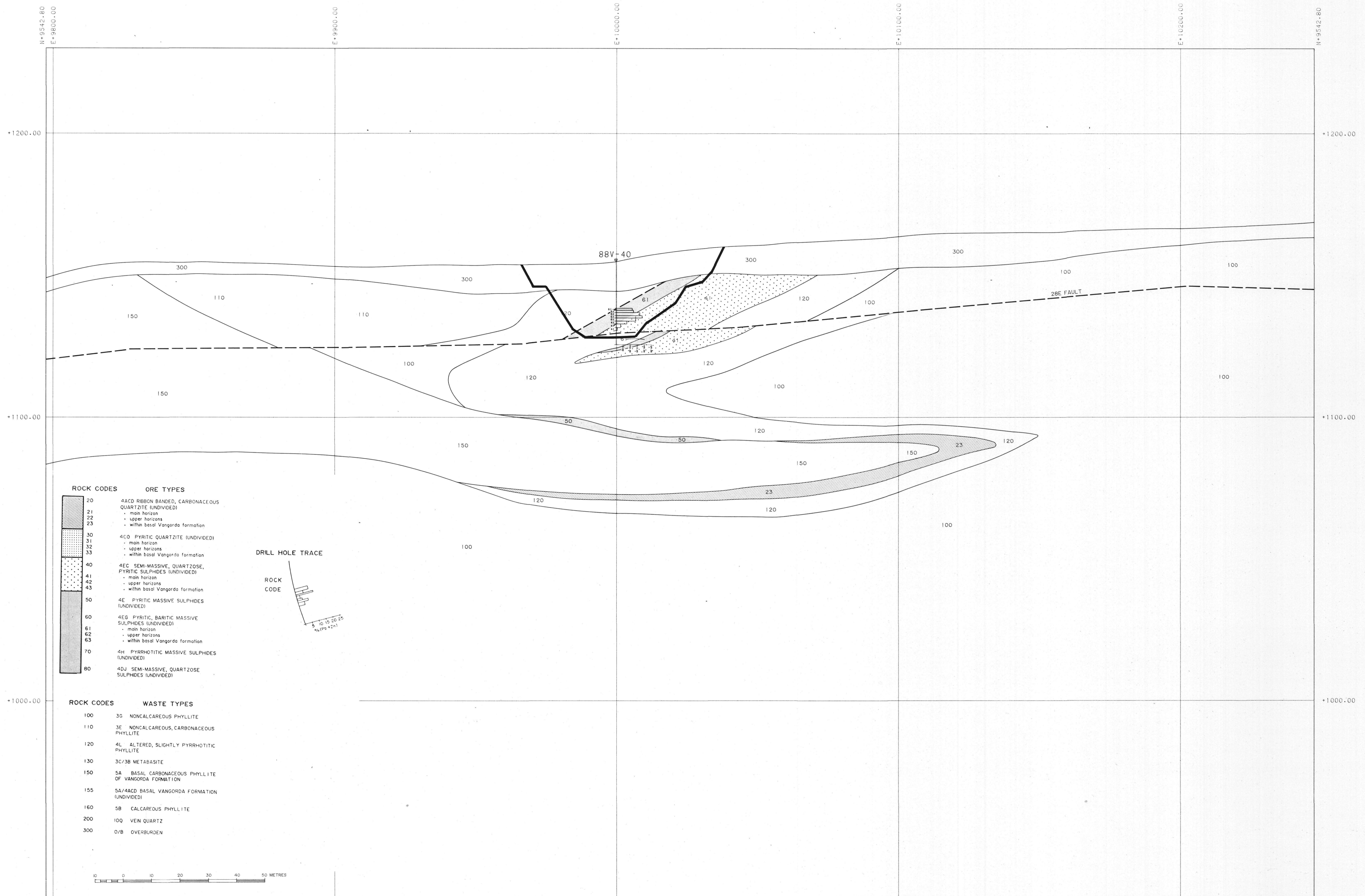
**VANGORDA DEPOSIT**

DATE: 23-02-90  
DRAWN BY: HENDERSON  
TIME: 11:07:12

VERTICAL CROSS SECTION  
26-00E  
LOOKING NW

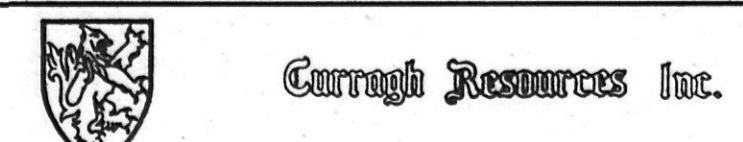
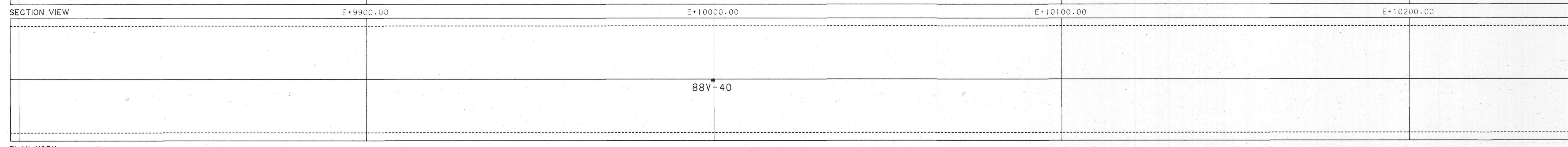
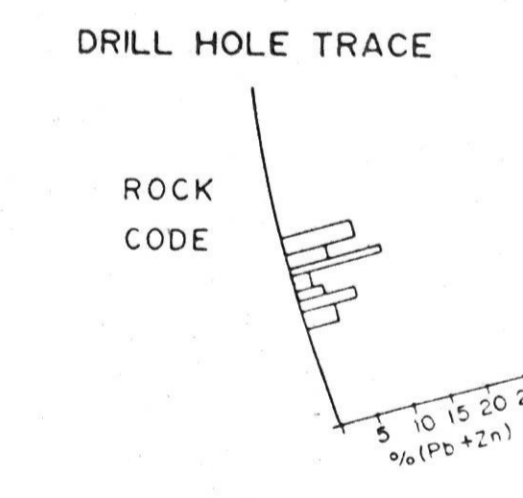
REVISIONS: 28-05-90

HORIZONTAL SCALE: 1:300  
VERTICAL SCALE: 1:300

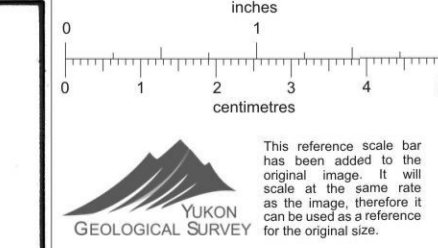


ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CD PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VEIN QUARTZ
300	D/B OVERBURDEN

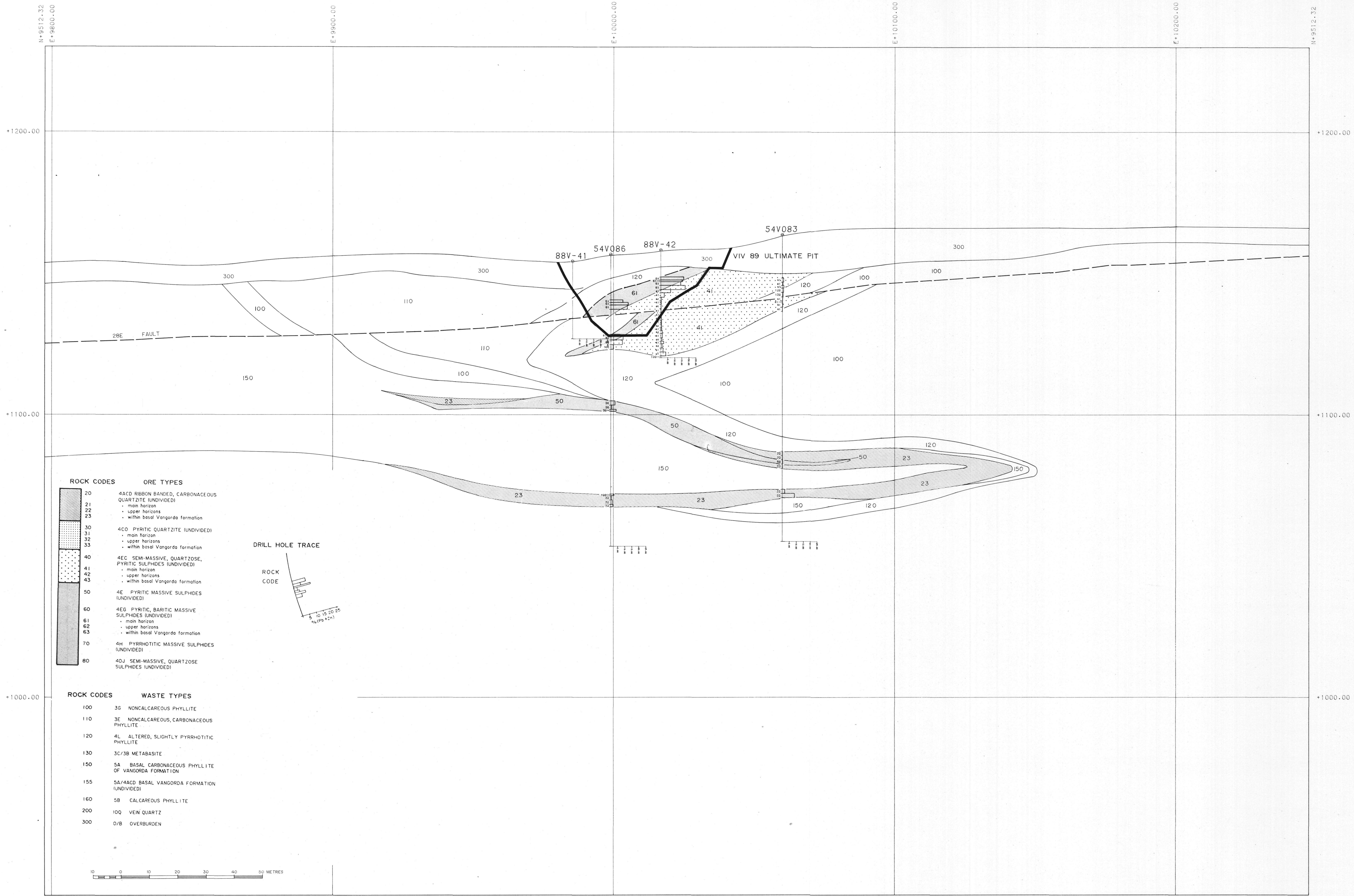


VERTICAL CROSS SECTION  
27+00E  
LOOKING NW



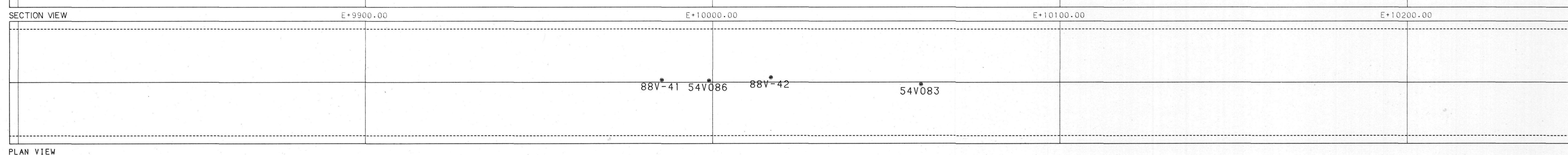
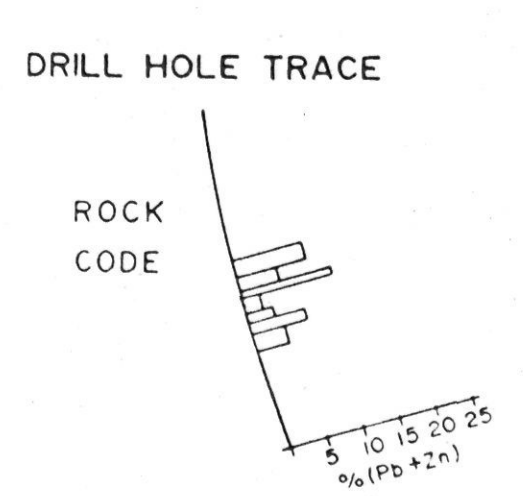
VANGORDA DEPOSIT  
DATE: 23-02-90  
TIME: 13:17:06  
DRAWN BY: HANDESEN  
REVISOR: 28-05-90  
HORIZONTAL SCALE: 1:500  
VERTICAL SCALE: 1:500

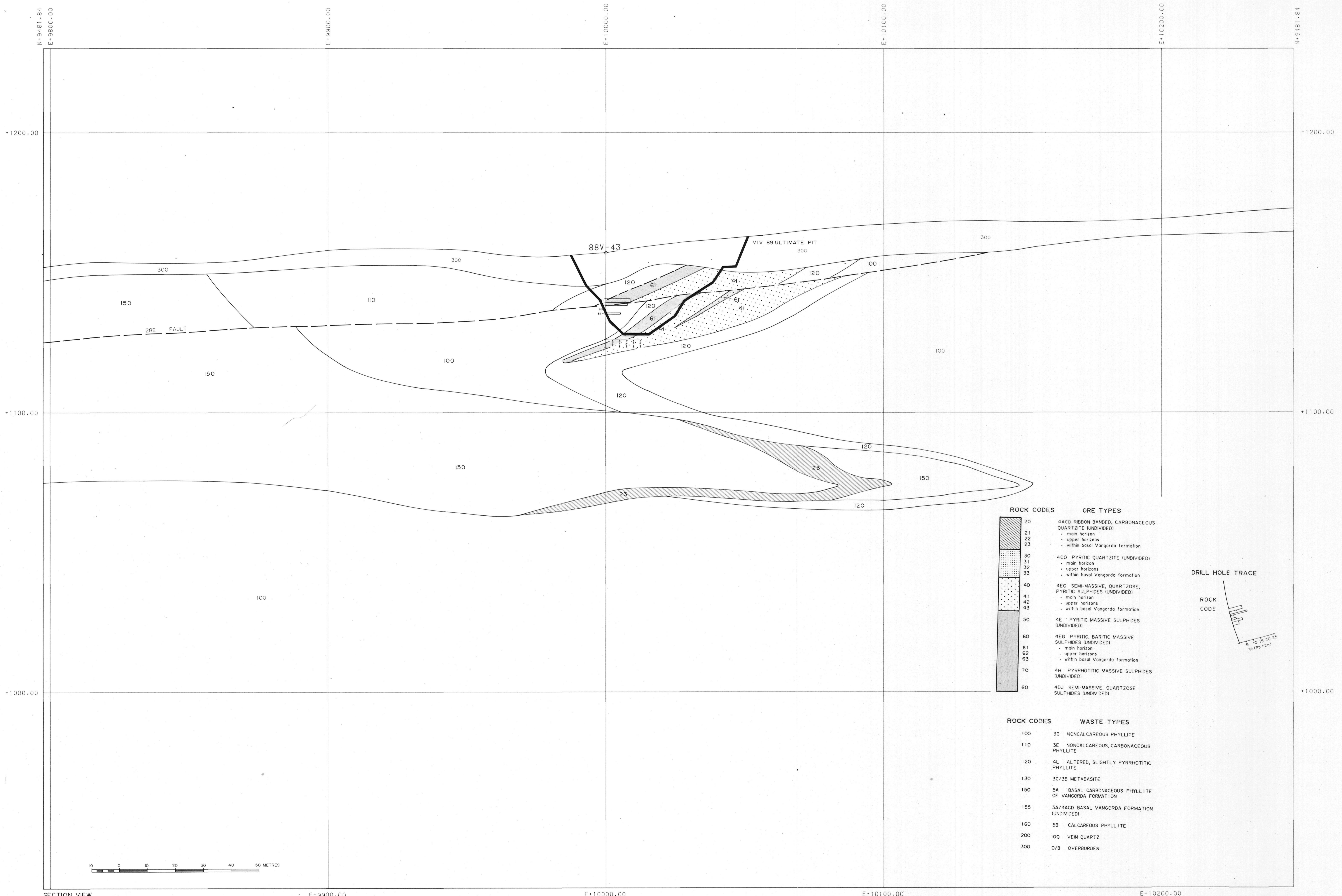
AN-VA-90-037



ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

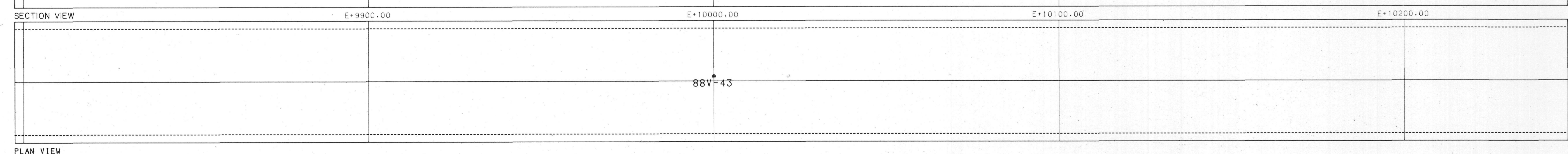
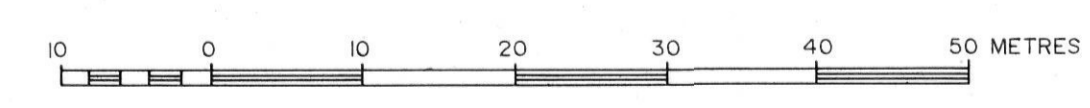
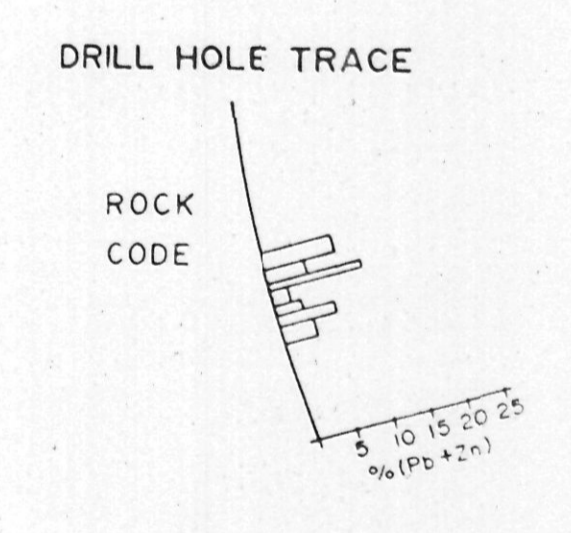
ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	3A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	3A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	100 VENI QUARTZ
300	D/B OVERBURDEN



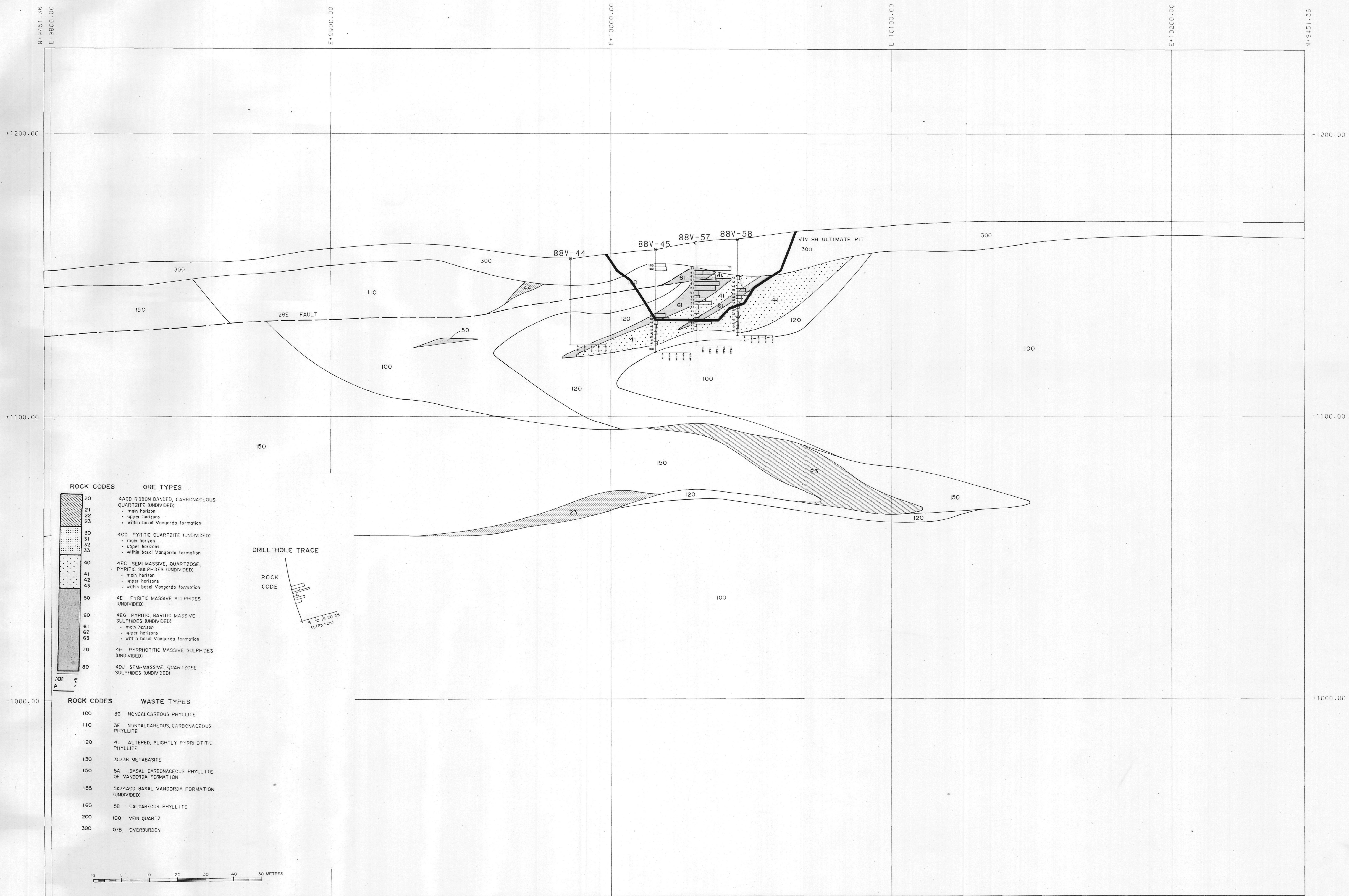


ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4CO PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARTIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DJ SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VENN QUARTZ
300	0/B OVERBURDEN

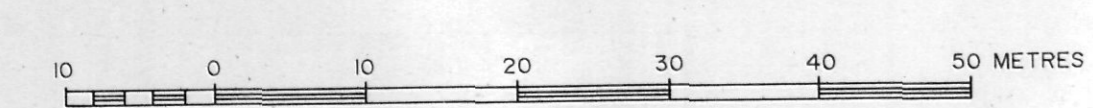
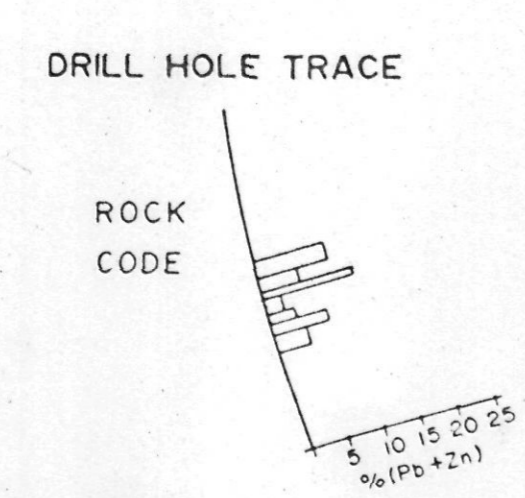


	<b>VERTICAL CROSS SECTION</b> <b>29-00E</b> <b>LOOKING NW</b>	
	<b>VANGORDA DEPOSIT</b> <small>DATE = 23-05-90          TIME = 13:33:07          DRAWN BY: NORTHERN DESIGN CONSULTANTS          Y8912 Interpretation          REVISED: 28-05-90</small>	
<small>QUICK-PLAT          RENOPIE Services Inc.          HORIZONTAL SCALE = 1 : 500</small>	<small>VERTICAL SCALE = 1 : 500</small>	

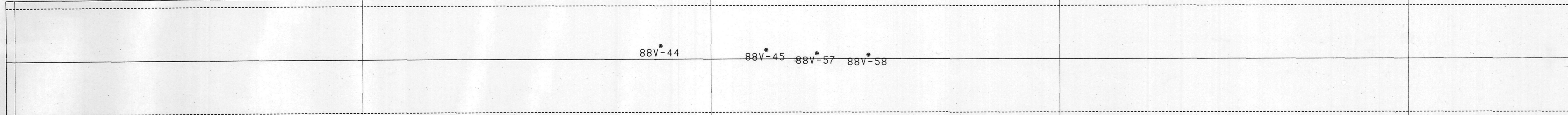


ROCK CODES	ORE TYPES
20	4ACD RIBBON BANDED, CARBONACEOUS QUARTZITE (UNDIVIDED)
21	- main horizon
22	- upper horizons
23	- within basal Vangorda formation
30	4C0 PYRITIC QUARTZITE (UNDIVIDED)
31	- main horizon
32	- upper horizons
33	- within basal Vangorda formation
40	4EC SEMI-MASSIVE, QUARTZOSE, PYRITIC SULPHIDES (UNDIVIDED)
41	- main horizon
42	- upper horizons
43	- within basal Vangorda formation
50	4E PYRITIC MASSIVE SULPHIDES (UNDIVIDED)
60	4EG PYRITIC, BARITIC MASSIVE SULPHIDES (UNDIVIDED)
61	- main horizon
62	- upper horizons
63	- within basal Vangorda formation
70	4H PYRRHOTITIC MASSIVE SULPHIDES (UNDIVIDED)
80	4DU SEMI-MASSIVE, QUARTZOSE SULPHIDES (UNDIVIDED)

ROCK CODES	WASTE TYPES
100	3G NONCALCAREOUS PHYLLITE
110	3E NONCALCAREOUS, CARBONACEOUS PHYLLITE
120	4L ALTERED, SLIGHTLY PYRRHOTITIC PHYLLITE
130	3C/3B METABASITE
150	5A BASAL CARBONACEOUS PHYLLITE OF VANGORDA FORMATION
155	5A/4ACD BASAL VANGORDA FORMATION (UNDIVIDED)
160	5B CALCAREOUS PHYLLITE
200	10Q VENE QUARTZ
300	O/B OVERBURDEN



SECTION VIEW E+9900.00 E+10000.00 E+10100.00 E+10200.00



PLAN VIEW

<p><b>VANGORDA DEPOSIT</b></p>	<p>VERTICAL CROSS SECTION 30+00E LOOKING NW</p>	
	<p>DATE = 23-02-90 TIME = 13:42:34</p>	
<p>QUICK-PLOT DENDON Software Inc.</p>	<p>DESIGNED BY: NORTHERN DESIGN CONSULTANTS</p>	<p>19912 Interpretation</p>
<p>HORIZONTAL SCALE = 1 : 500</p>	<p>VERTICAL SCALE = 1 : 500</p>	

AN-VA-90-040