

APPENDIX A
GEOPHYSICS

24,992
2 of 2

APPENDIX C-1
1996 KET 28 DRILL HOLE
LOCATION MAP

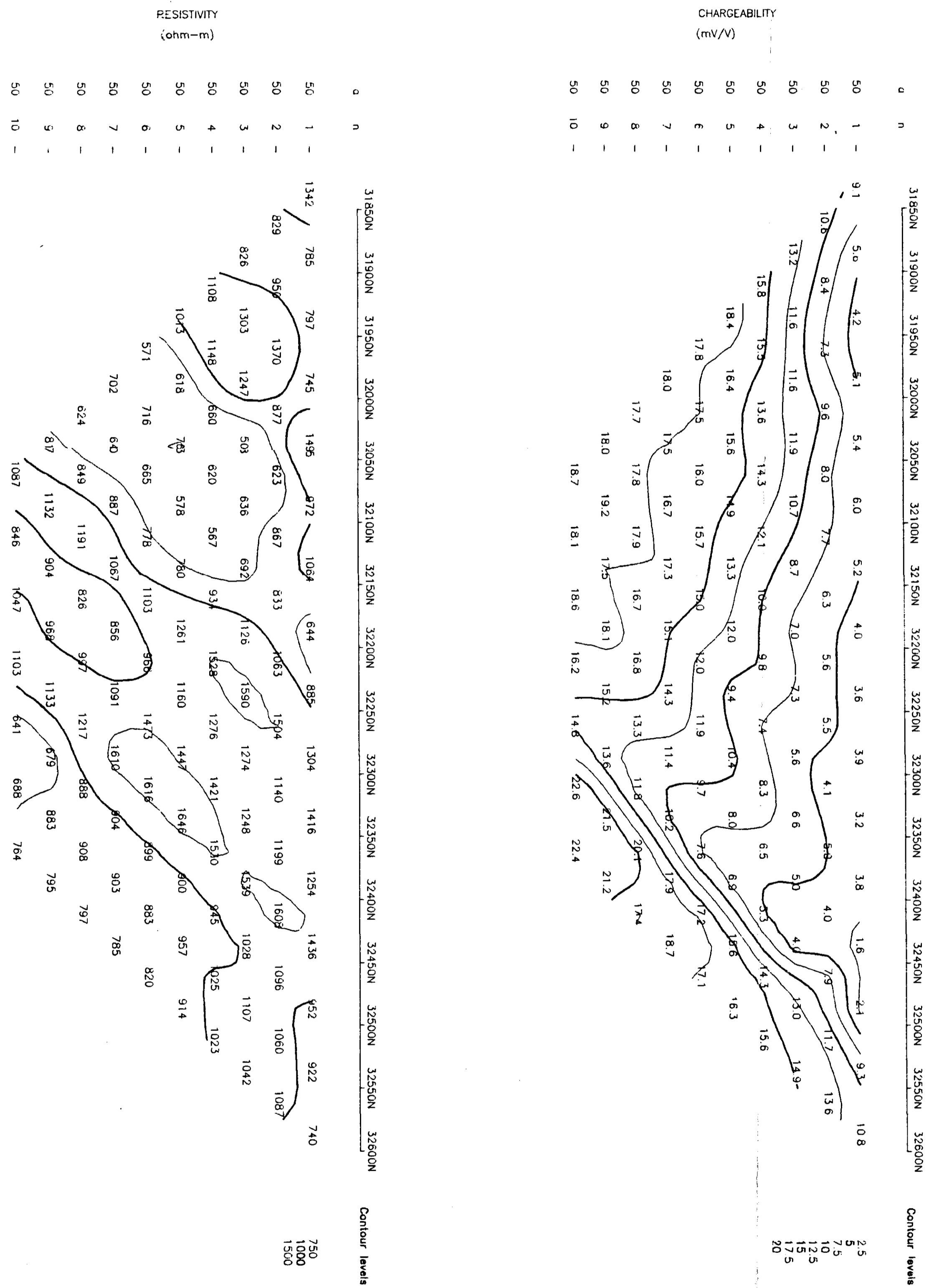
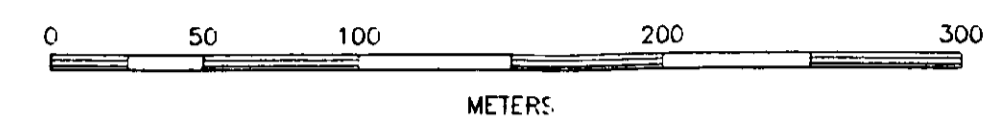
PHOENIX GOLD RESOURCES LTD.

KET28 GRID, BRIDESVILLE, B.C.

LINE: 46400E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR-12
02-17-19 Pulse Rate: 2 sec

Current electrode is south of receiving electrodes (heading N)
Mx Chargeability, 690-1050 msec



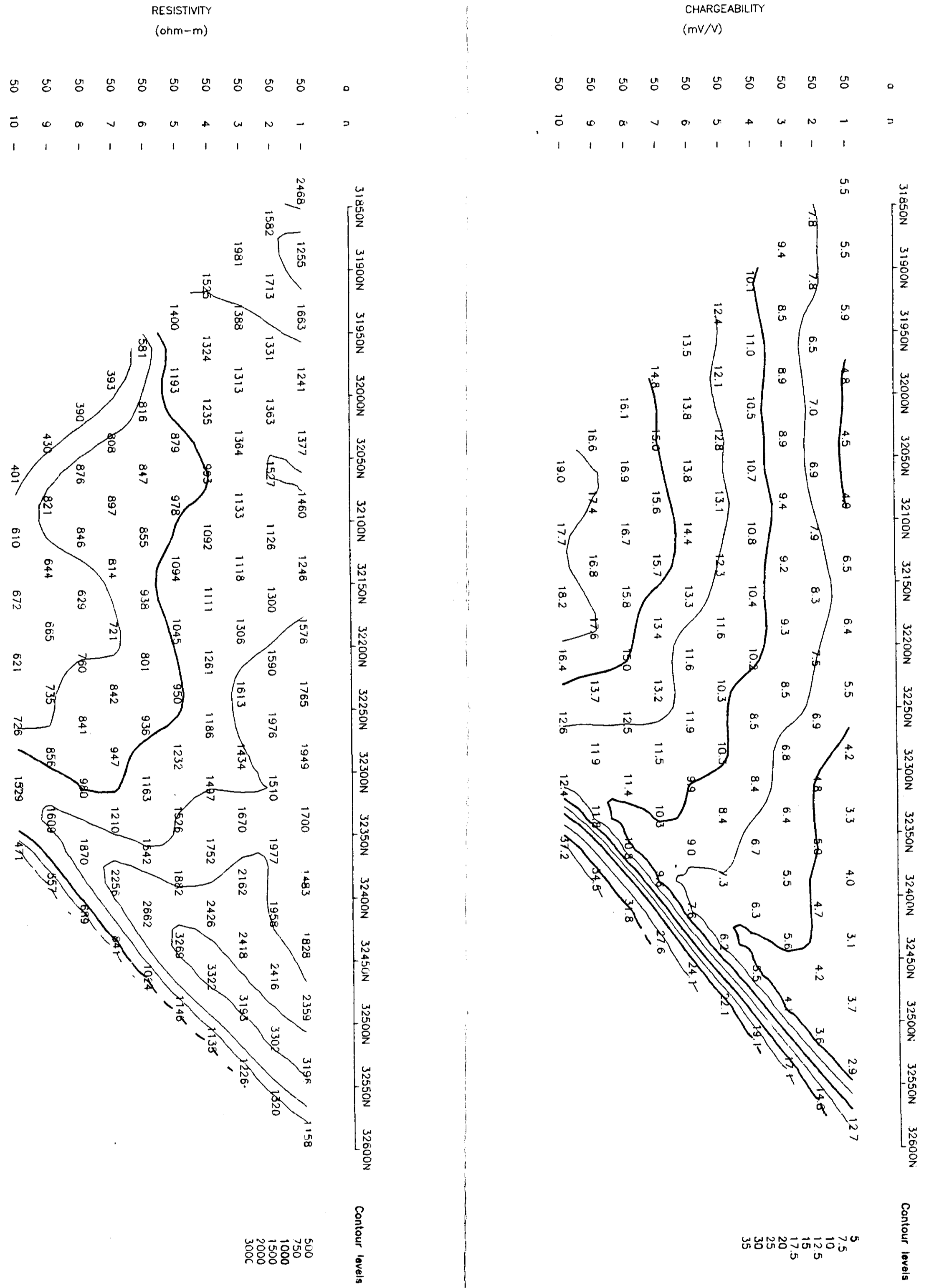
PHOENIX GOLD RESOURCES LTD.

KET28 GRID, BRIDESVILLE, B.C.

LINE: 46300E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR-12
02-17-19 Pulse Rate: 2 sec

Current electrode is south of receiving electrodes (heading N)
Mx Chargeability, 690-1050 msec



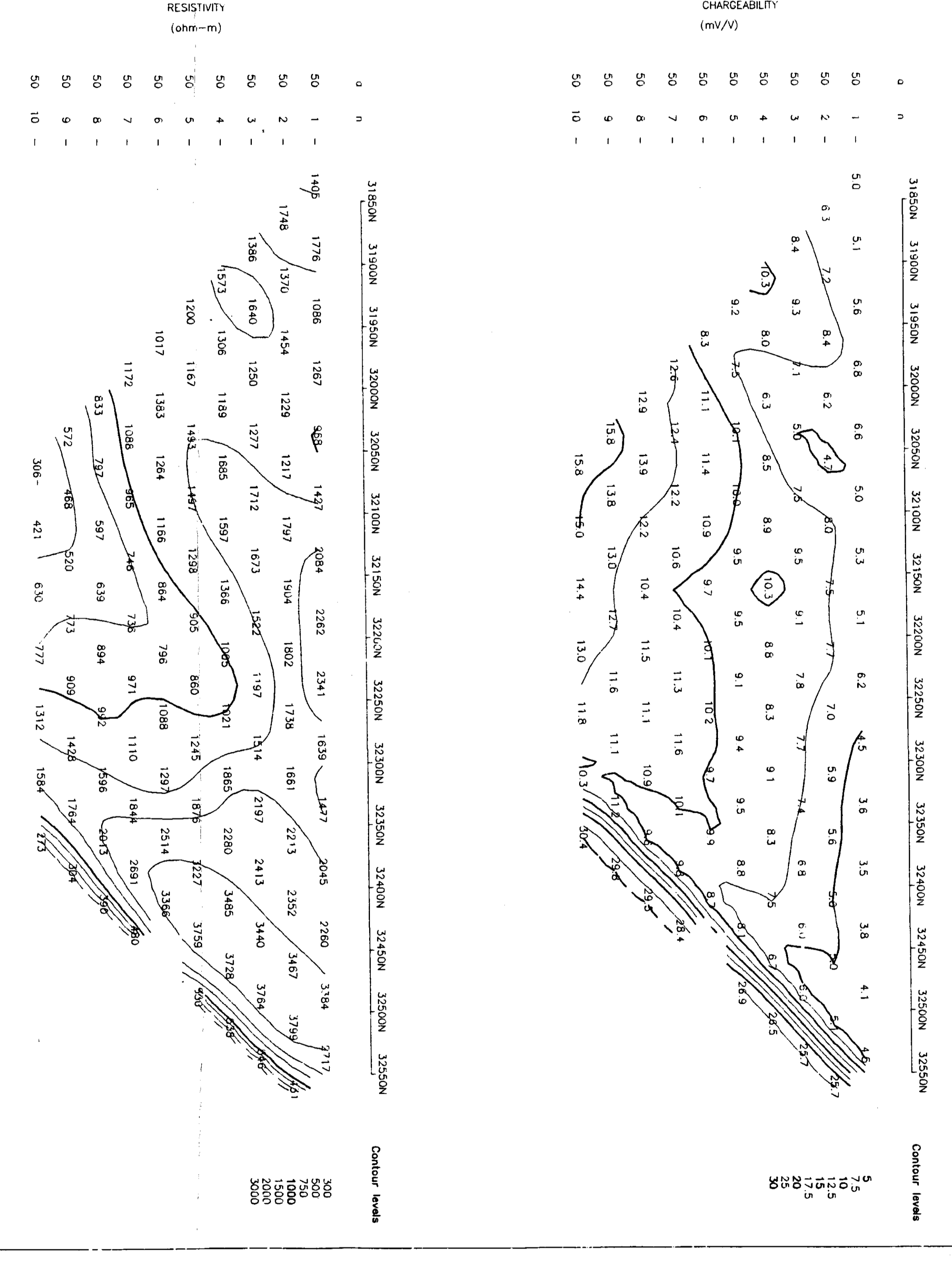
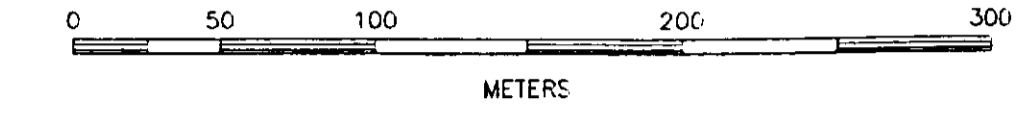
PHOENIX GOLD RESOURCES LTD.

KET28 GRID, BRIDESVILLE, B.C.

LINE: 46200E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR-12
02-16-19 Pulse Rate: 2 sec

Current electrode is south of receiving electrodes (heading N)
Mx Chargeability, 690-1050 msec



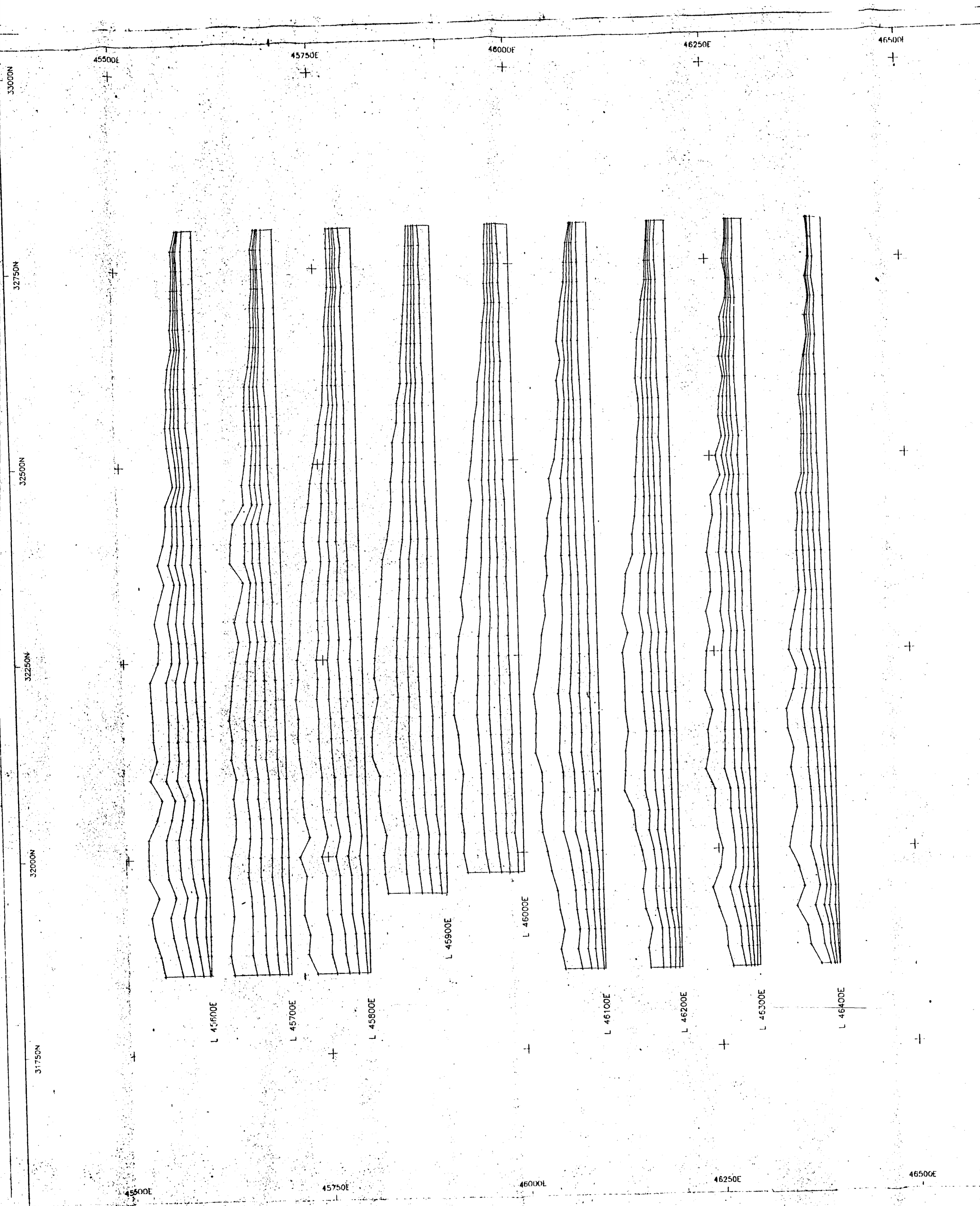
LINE: 46400E

DRAWN BY: JAH DATE: Feb/98
SCOTT GEOPHYSICS LTD.

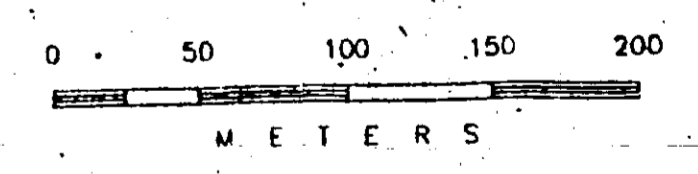
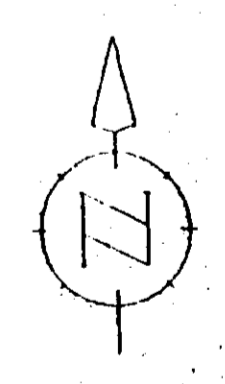
PHOENIX GOLD RESOURCES LTD.
KET28 GRID
BRIDESVILLE, B.C.
CHARGEABILITY/RESISTIVITY
1-P1 INDUCTIONS
L46200E to L46400E



127



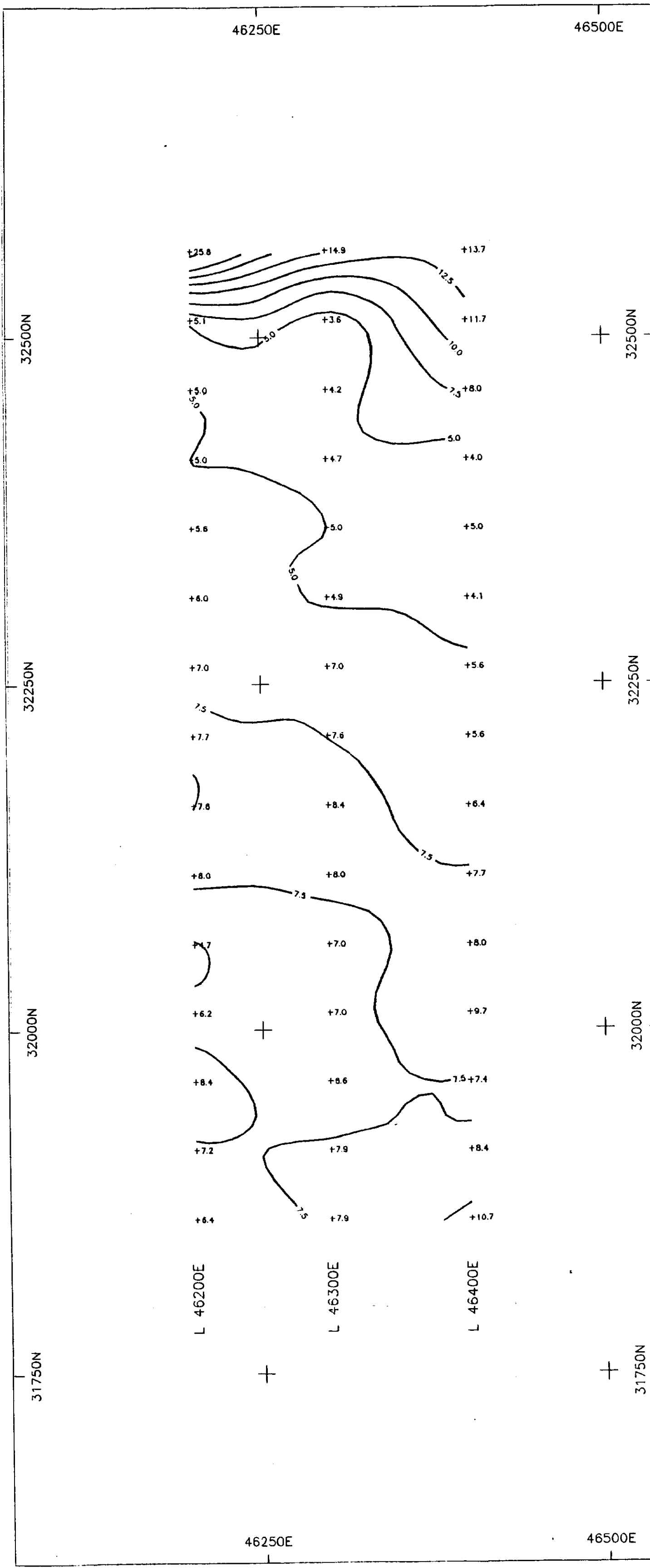
SURVEY SPECIFICATIONS
 Crone Pulse EM system
 receiver 8 ch analog
 transmitter 2000 watt
 ramp time 1.5 msec
 time base 10.89 msec
 profiled value dBx/dt
 units Crone units
 channels profiled 2, 3, 4, 5, 6
 profile base 0
 profile scale 50 units/cm
 positive values to left of line
 South Tx loop (800m x 400m)
 31800N/45500E
 31800N/46400E
 31400N/46400E
 31400N/45600E
 loop current 10 amps



PHOENIX GOLD RESOURCES LTD.
 KET28 GRID
 BRIDESVILLE, B.C.
 CRONE DEEPEM SURVEY
 X COMPONENT - SOUTH LOOP
 Channels 2,3,4,5,6
 DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

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SURVEY SPECIFICATIONS

array pole dipole
 a spacing 50 meters
 n separations 1 to 10

current electrode south of potentials

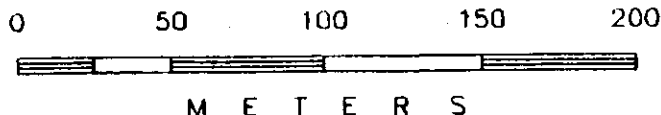
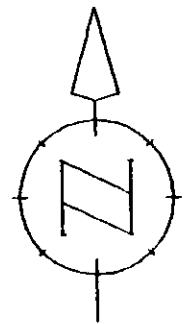
receiver Scintrex IPR12
 transmitter Scintrex TSQ3
 pulse time 2 seconds
 Mx receive window 690-1050 msec
 mid point 870 msec

contour intervals:
 2.5, 5, 7.5, 10,
 12.5, 15, 17.5, 20,
 25, 30 mV/V

*LINE
 46200E*

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

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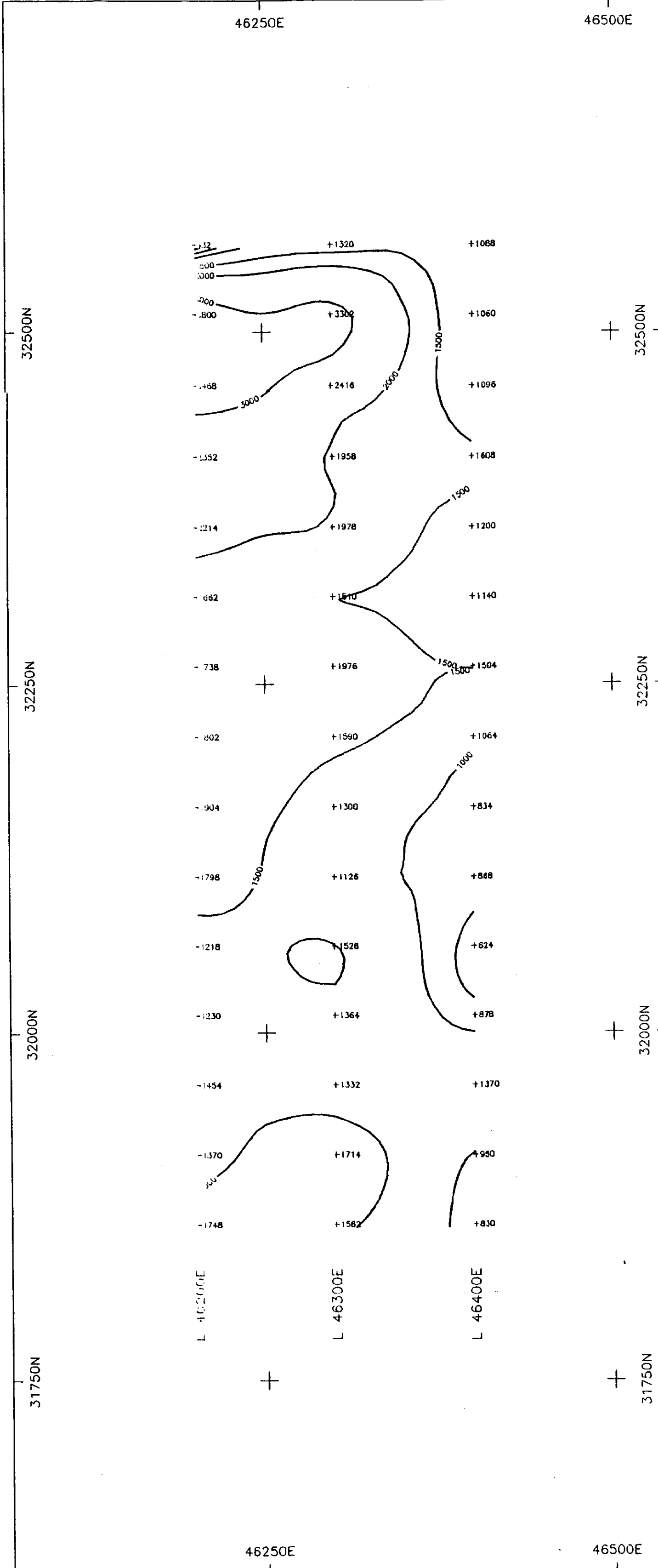


PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE, B.C.
 CHARGEABILITY CONTOUR
 PLAN MAP
 a=50 m / n=2

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.

M4



SURVEY SPECIFICATIONS

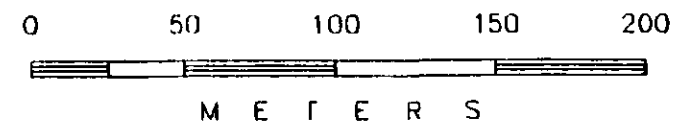
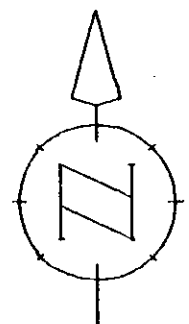
array pole dipole
 a spacing 50 meters
 n separations 1 to 10

current electrode south of potentials

receiver Scintrex IPR12
 transmitter Scintrex TSQ3
 pulse time 2 seconds
 Mx receive window 690-1050 msec
 mid point 870 msec

contour intervals:
 100, 150, 200, 300, 500, 750, 1000,
 1500, 2000, 3000, 5000, 7500 ohm-m

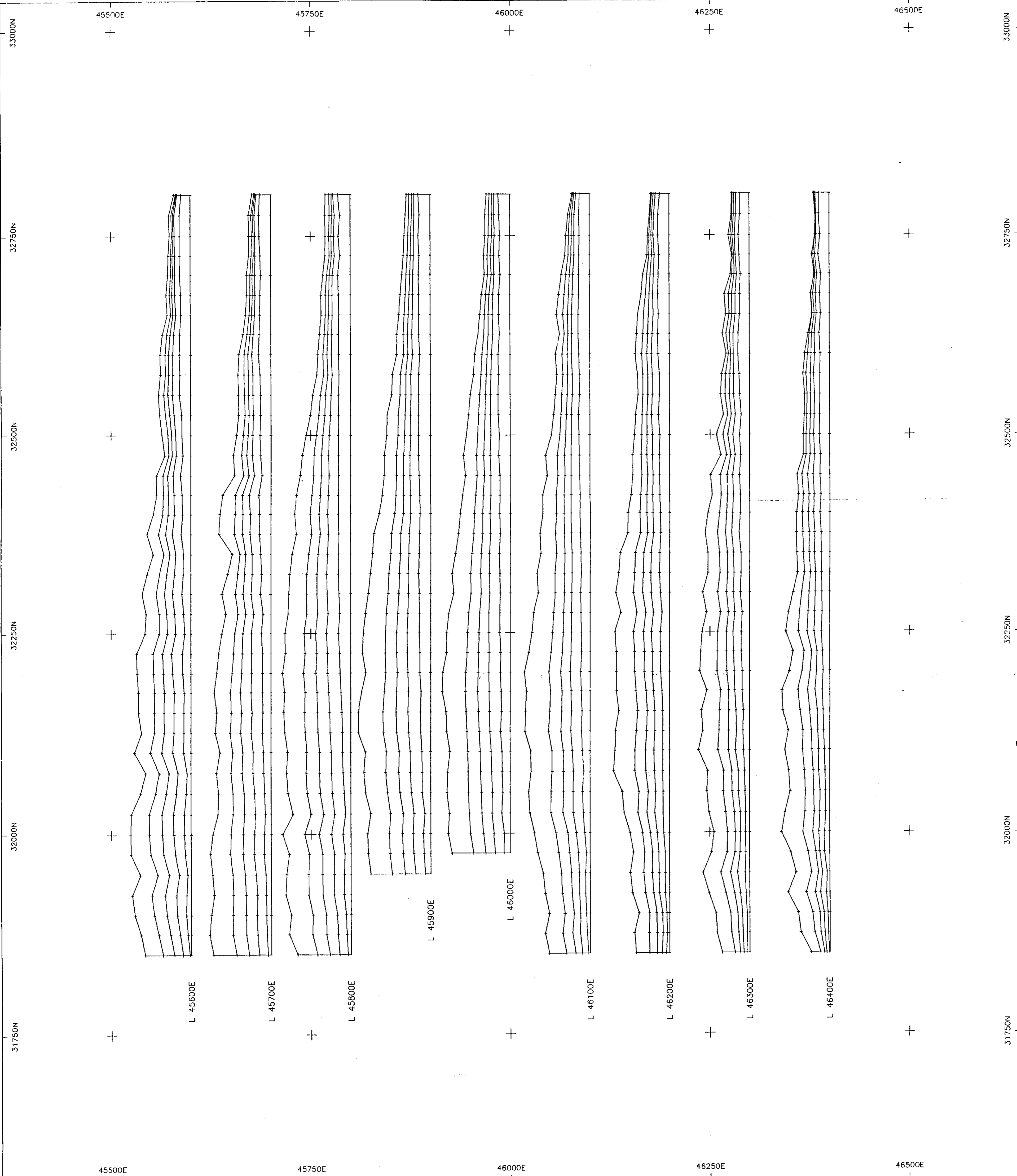
a=50m/n=2



PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE, B.C.
 RESISTIVITY CONTOUR
 PLAN MAP
 a=50 m / n=2

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS
 Crone Pulse EM system
 receiver 8 ch analog
 transmitter 2000 watt
 dump time 1.5 msec
 time base 10.89 msec

profiled value dBx/dt
 units Crone units

channels profiled 2, 3, 4, 5, 6
 profile base 0
 profile scale 50 units/cm

positive values to left of line

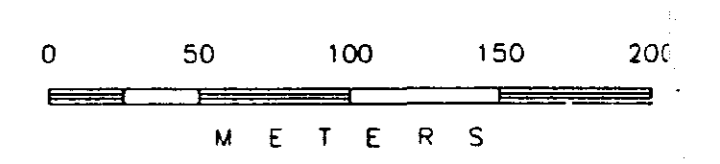
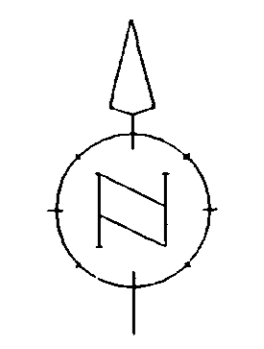
South Tx Loop (800m x 400m)
 31800N/4560
 31800N/4640
 31400N/4640
 31400N/4560
 loop current 10 amps

(MS)

Ch 2, 3, 4, 5, 6
 (L)

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

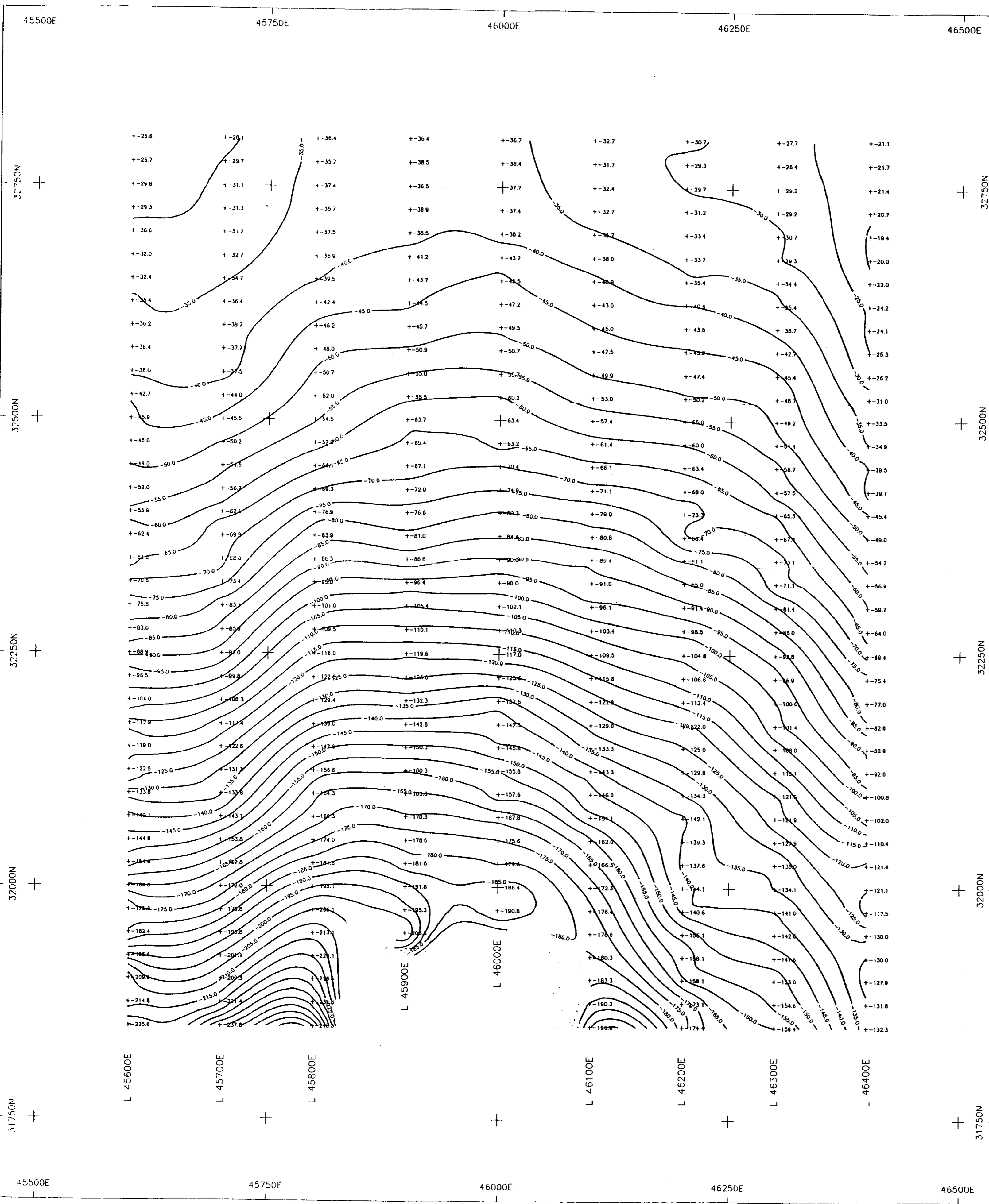
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PHOENIX GOLD RESOURCES LT

KET28 GRID
 BRIDESVILLE, B.C.
 CRONE DEEPEM SURVEY
 X COMPONENT - SOUTH LOOP
 Channels 2, 3, 4, 5, 6

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.



(M)

SURVEY SPECIFICATIONS
 Crone Pulse EM system
 receiver 8 ch analog
 transmitter 2000 watt
 ramp time 1.5 msec
 time base 10.89 msec

contoured value cBz/dt
 units Crone units

channel contoured 3
 contour interval 5 units

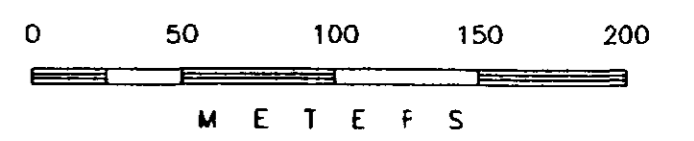
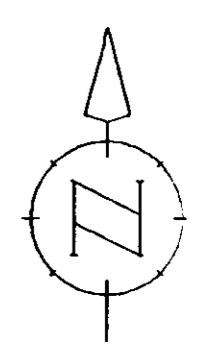
South Tx Loop (800m x 400m)
 21800N/45600E
 21800N/45600E
 21400N/46400E
 21400N/46400E

loop current 10 amps

*channel
 3/5 unit*

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

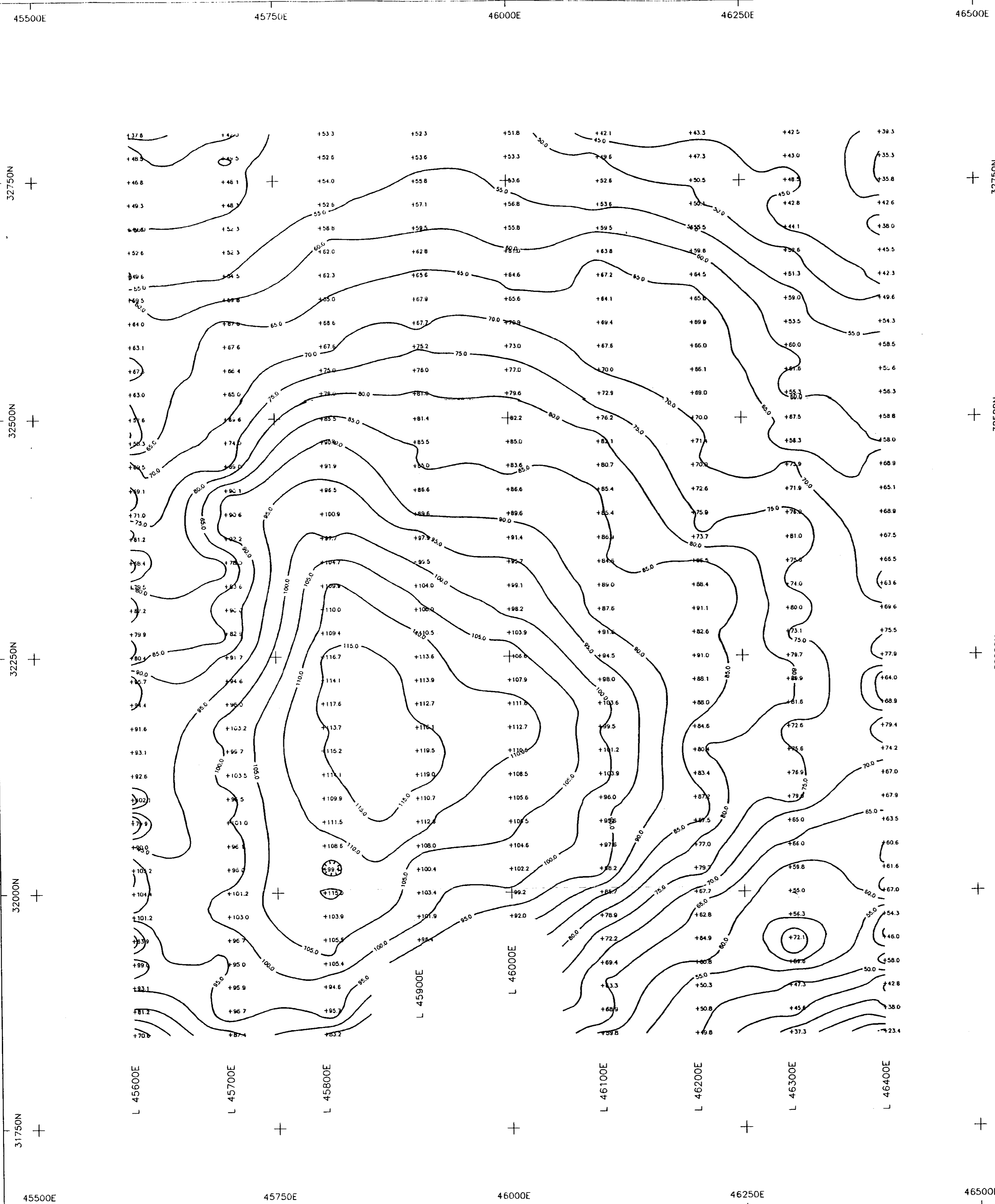
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PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE B.C.
 CRONE DEEPEM SURVEY
 Z COMPONENT - SOUTH LOOP
 Channel 3 / 5 unit contours

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.



(17)

SURVEY SPECIFICATIONS
 Crone Pulse EM system
 receiver 8 ch analog
 transmitter 2000 watt
 ramp time 1.5 msec
 time base 10.89 msec

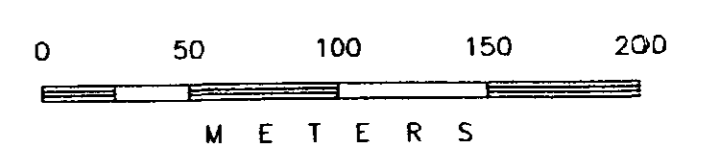
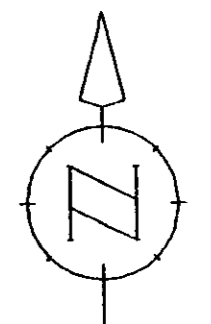
contoured value dBx/dt
 units Crone units

channel contoured 3
 contour interval 5 units

South Tx Loop (800m x 400m)
 31800N/45600E
 31800N/46400E
 31400N/46400E
 31400N/45600E
 loop current 10 amps

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

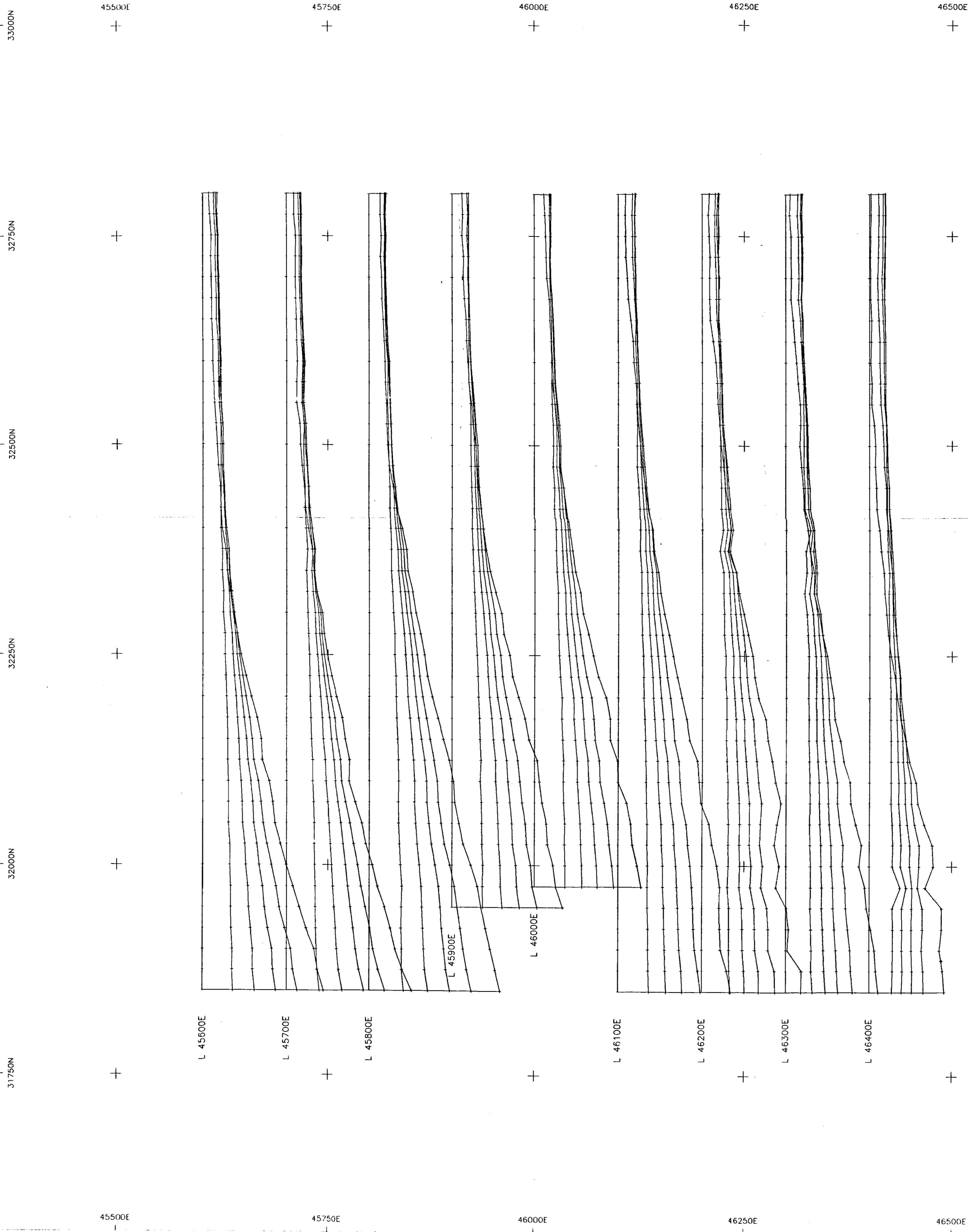
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PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE, B.C.
 CRONE DEEPEM SURVEY
 X COMPONENT - SOUTH LOOP
 Channel 3 / 5 unit contours

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS (18)
 Crone Pulse EM system
 receiver 8 ch analog
 transmitter 2000 watt
 ramp time 1.5 msec
 time base 10.89 msec

 profiled value dBz/dt
 units Crone units

 channels profiled 2, 3, 4, 5, 6
 profile base 0
 profile scale 50 units/cm

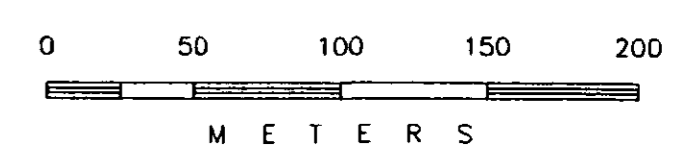
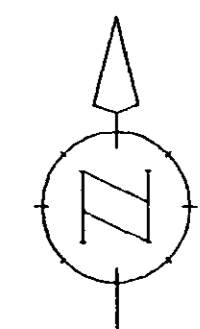
positive values to left of line

 South Tx Loop (800m x 400m)
 31800N/45600E
 31800N/45600E
 31400N/46400E
 31400N/46400E
 loop current 10 amps

channel 2, 3, 4, 5, 6

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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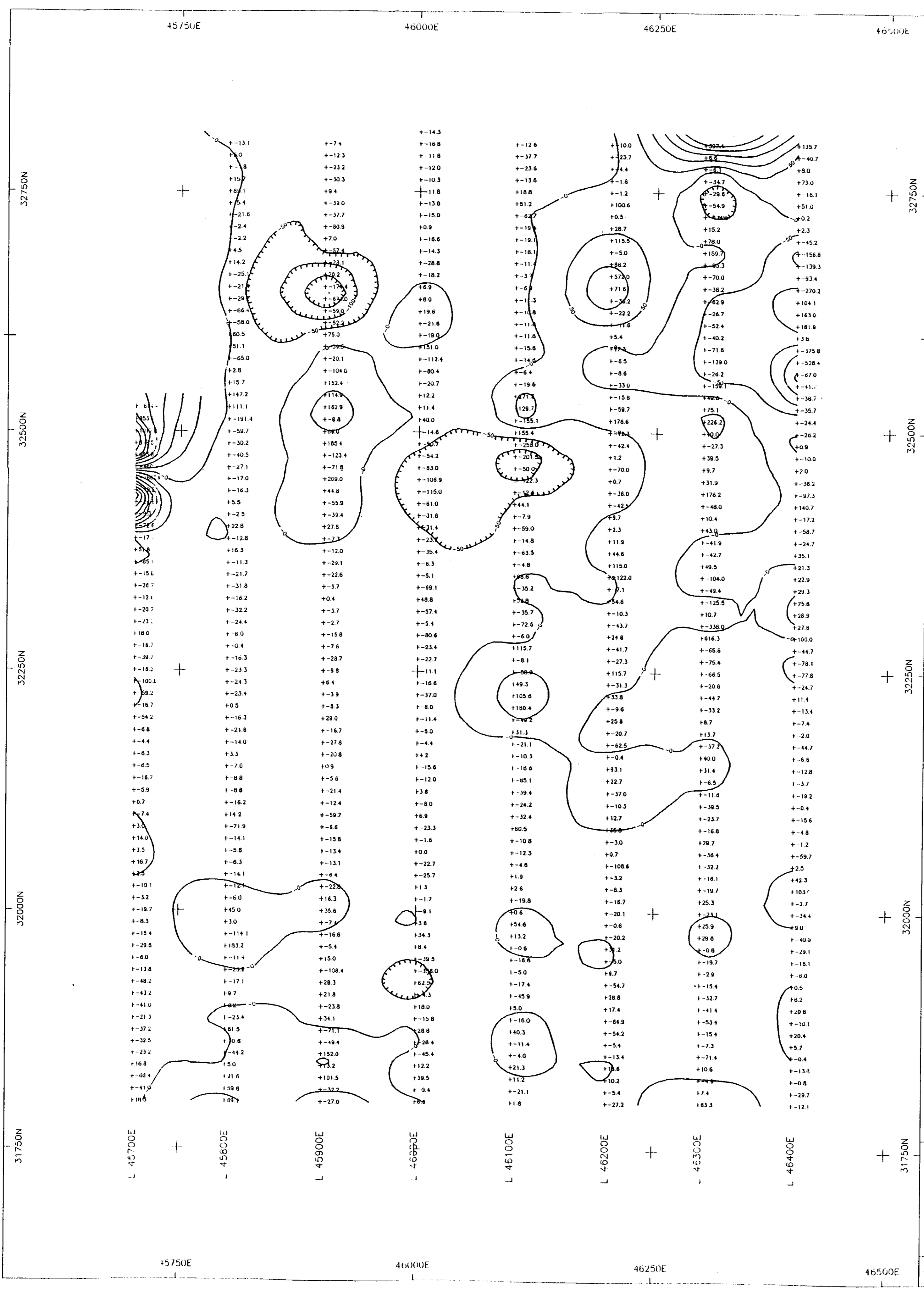


PHOENIX GOLD RESOURCES LTD.

 KET28 GRID
 BRIDESVILLE, B.C.
 CRONE DEEPEM SURVEY
 Z COMPONENT - SOUTH LOOP
 Channels 2,3,4,5,6

DRAWN BY: jph DATE: Feb/96
 SCOTT GEOLOGICALS LTD.

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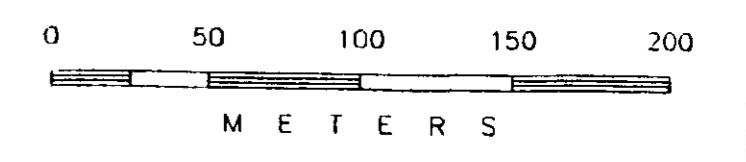
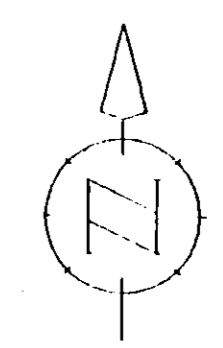
SURVEY SPECIFICATIONS
 survey magnetometer Scintrex IGS
 base magnetometer Scintrex IGS
 type proton
 posted value vertical gradient
 units gammas nT)

sensor separation 1 metre
 contour interval: 100 gammas

Contour Interval - 100 nT

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

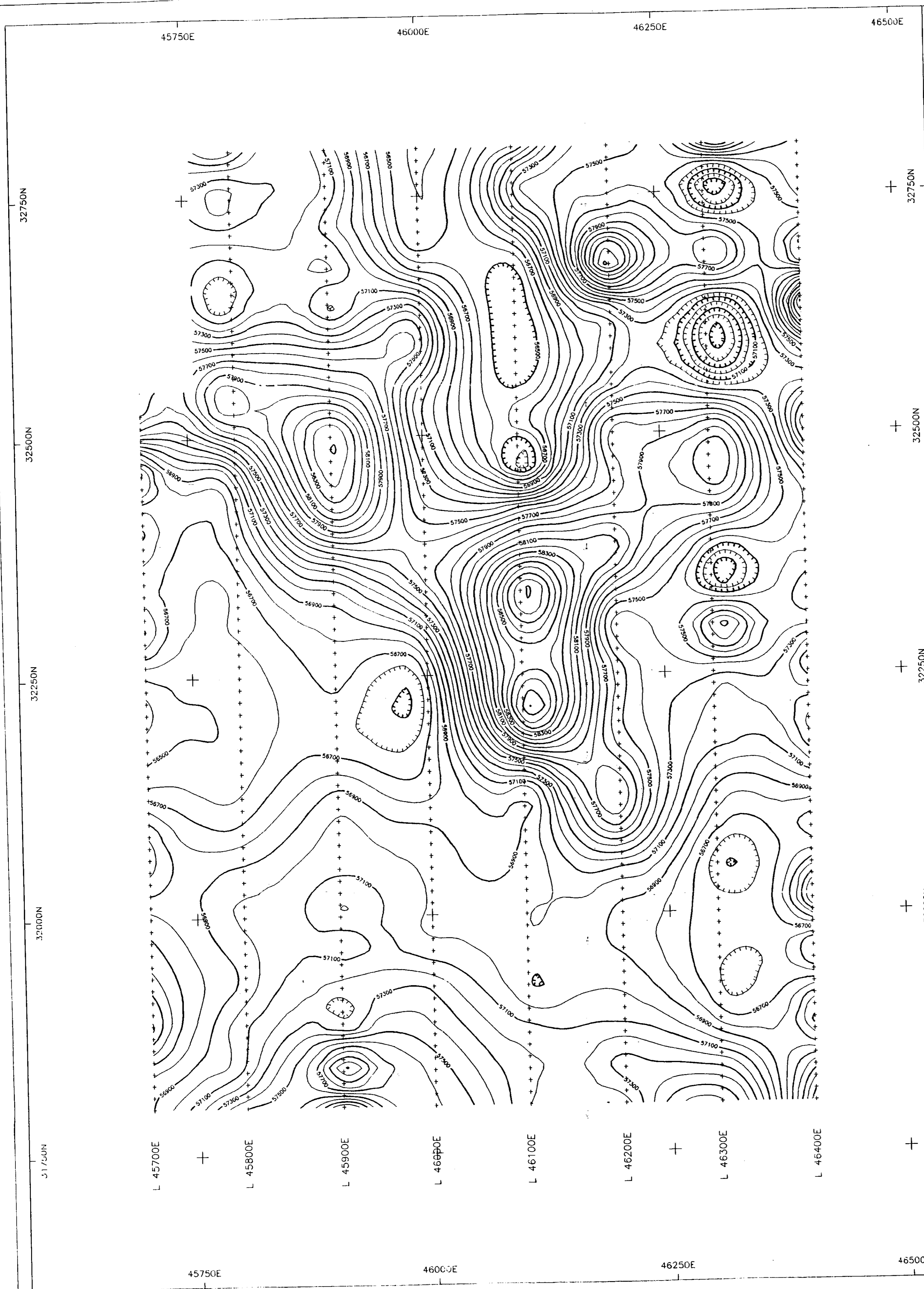
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PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE, B.C.
 VERTICAL GRADIENT
 MAGNETOMETER SURVEY
 Contour Interval - 100 nT

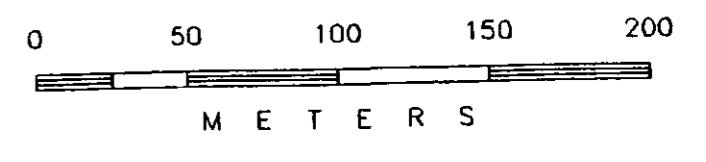
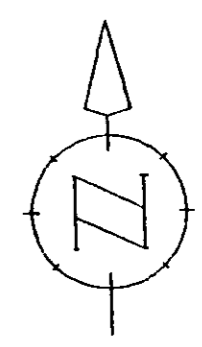
DRAWN BY: jph DATE: Feb/95
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS
 survey magnetometer Scintrex IGS
 base magnetometer Scintrex IGS
 type proton
 posted value total field
 units gammas (nT)
 contour interval: 100 gamma.s

GEOLOGICAL SURVEY BRANCH
 ASSASSINATE REPORT

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PHOENIX GOLD RESOURCES LTD.

KET28 GRID
 BRIDESVILLE, B.C.
 TOTAL FIELD
 MAGNETOMETER SURVEY
 Contour Interval - 100 nT

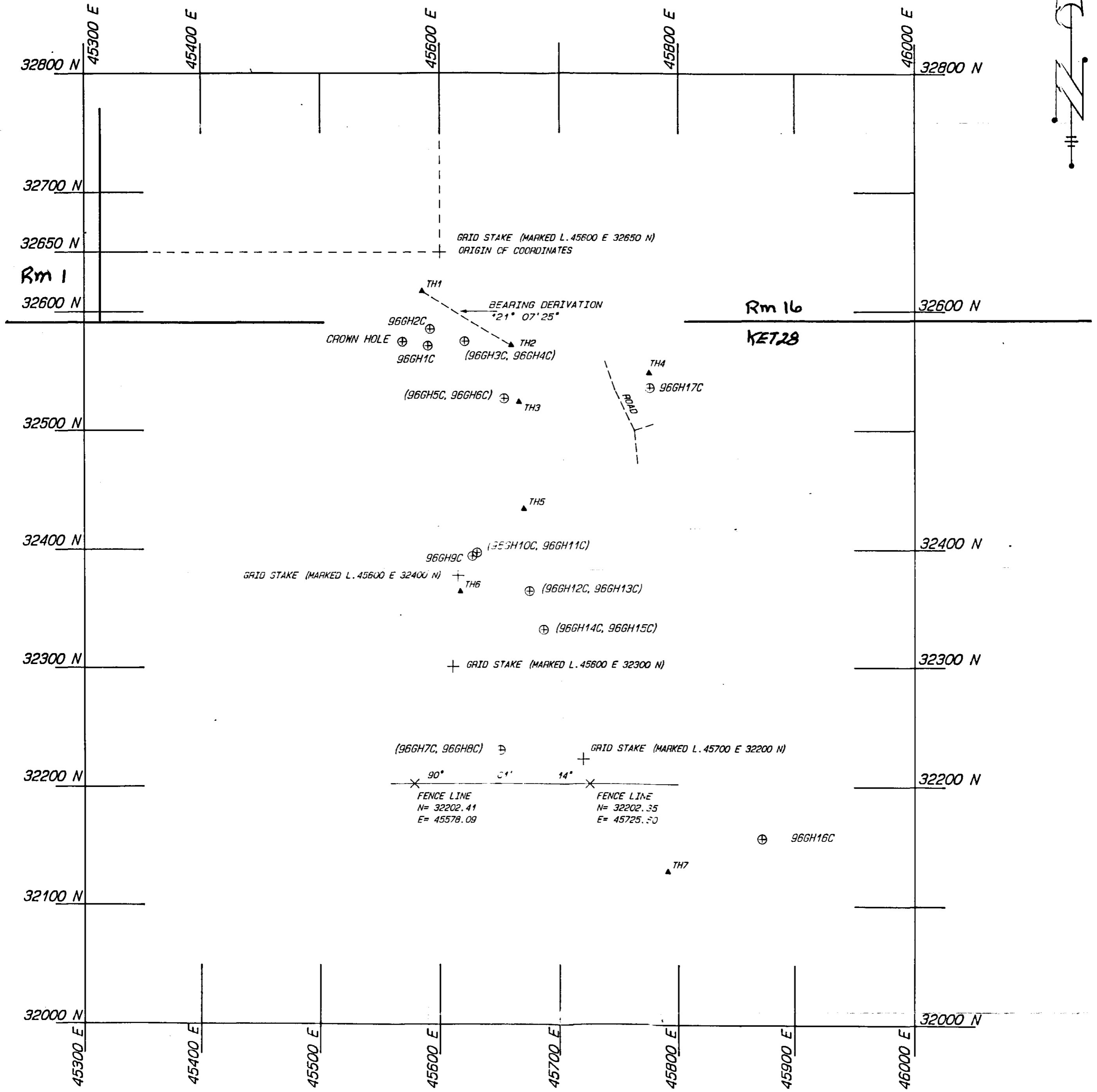
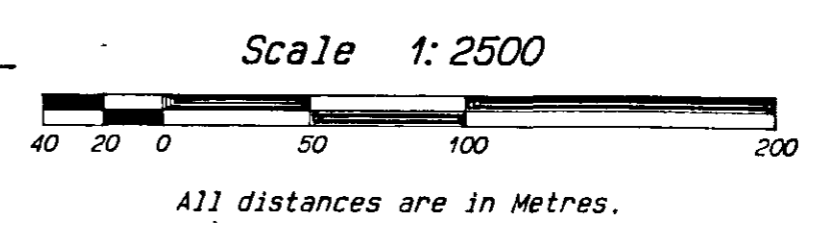
DRAWN BY: jph DATE: Feb /96
 SCOTT GEOPHYSICS LTD.

24,992

SKETCH PLAN SHOWING THE LOCATION AND ELEVATION
OF DRILL HOLES AND THE UNDERLYING GRID ON THE
ON THE KET 28 AND RM 16 CLAIM AREAS.

PHOENIX GOLD RESOURCES Ltd.

CLIENT: R.E.M. CONSULTANTS
GREENWOOD, B.C.
DATE: APRIL 22, 1996



GRID STAKE	NORTHING	EASTING	ELEVATION
MARKED L. 45600 E 32650 N	32650	45600	1163.29
MARKED L. 45600 E 32400 N	32377.72	45615.57	1219.57
MARKED L. 45600 E 32300 N	32300.76	45610.86	1214.54
MARKED L. 45700 E 32200 N	32223.00	45720.07	1178.38

TRAVERSE STATION	NORTHING	EASTING	ELEVATION
TH1	N 32617.08	E 45584.77	E1. 1171.19
TH2	N 32571.99	E 45659.45	E1. 1176.75
TH3	N 32524.41	E 45665.69	E1. 1185.37
TH4	N 32548.46	E 45774.79	E1. 1160.77
TH5	N 32434.15	E 45669.76	E1. 1208.54
TH6	N 32363.95	E 45617.46	E1. 1219.20
TH7	N 32129.71	E 45790.53	E1. 1178.90

DRILL HOLE #	NORTHING	EASTING	ELEVATION
CROWN HOLE	N 32574.79	E 45568.23	E1. 1169.89
96GH1C	N 32571.25	E 45589.62	E1. 1174.52
96GH2C	N 32585.44	E 45591.49	E1. 1170.23
96GH3C	N 32575.20	E 45621.02	E1. 1173.73
96GH4C			
96GH5C	N 32527.31	E 45653.49	E1. 1182.94
96GH6C			
96GH7C	N 32230.48	E 45650.57	E1. 1196.64
96GH8C			
96GH9C	N 32394.57	E 45627.64	E1. 1214.68
96GH10C	N 32397.57	E 45631.68	E1. 1214.47
96GH11C			
96GH12C	N 32364.19	E 45674.45	E1. 1207.48
96GH13C			
96GH14C	N 32331.49	E 45685.56	E1. 1203.25
96GH15C			
96GH16C	N 32156.66	E 45871.00	E1. 1183.23
96GH17C	N 32536.04	E 45775.31	E1. 1181.16

PENDERGRAFT PROFESSIONAL
LAND SURVEYING INC.
BOX 640
OSOYOOS, B.C.
VOH 1V0
PHONE: 495 - 7127
FAX: 495 - 6676
OUR FILE NO. 960405.DAT

LEGEND
⊕ DENOTES DRILL HOLE LOCATION.
+ DENOTES GRID STAKE LOCATION.
TH1 ▲ DENOTES TRAVERSE STATION SET.

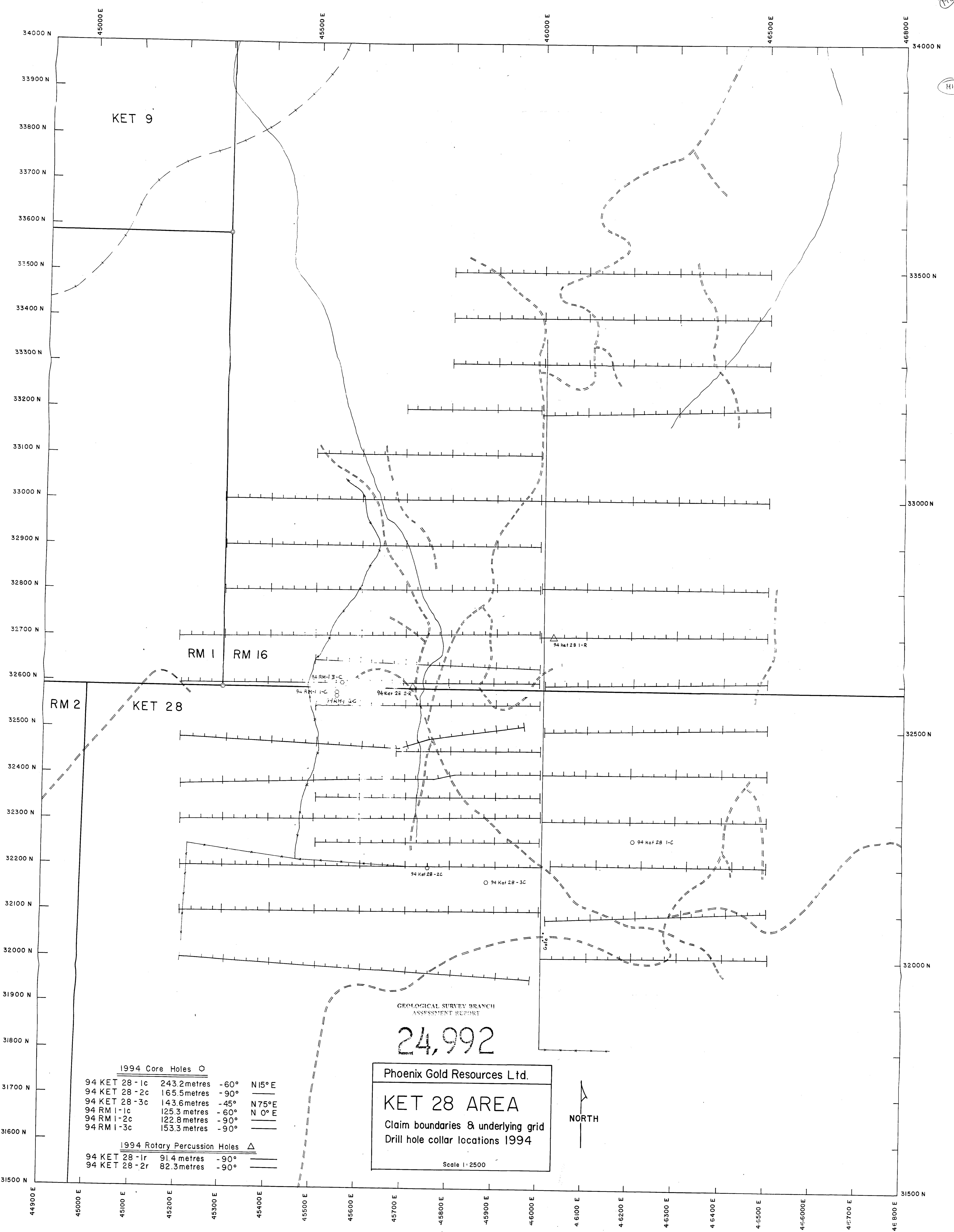
NOTE: ELEVATIONS ARE IN METRES AND ARE DERIVED FROM TOPOGRAPHIC MAP SHEET 82 E/3 AT THE 1219.20m (4000 ft.) CONTOUR LINE. LONG. = 119° 06' 50" APPROX. AND LAT. = 49° 01' 30" APPROX.
BEARINGS ARE ASTRONOMIC AND DERIVED FROM SOLAR OBSERVATIONS BETWEEN TH1 AND TH2 = 21° 07' 25".
CO-ORDINATE ORIGIN FROM GRID STAKE MARKED L. 45600 E 32650 N

APPENDIX C-2
1994 KET 28 DRILL HOLE
LOCATION MAP

M12

M13

M13



KET 9

RM 1 RM 16

RM 2 KET 28

94 RM 1-3-C
94 RM 1-1-C
94 RM 1-2-C

94 Kef 28-2-R

94 Kef 28-1-R

94 Kef 28-1-C

94 Kef 28-2-C

94 Kef 28-3-C

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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1994 Core Holes ○				
94 KET 28-1c	243.2metres	-60°	N15°E	
94 KET 28-2c	165.5metres	-90°		
94 KET 28-3c	143.6metres	-45°	N75°E	
94 RM 1-1c	125.3 metres	-60°	N 0° E	
94 RM 1-2c	122.8 metres	-90°		
94 RM 1-3c	153.3 metres	-90°		

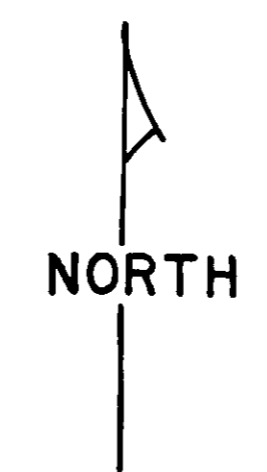
1994 Rotary Percussion Holes △				
94 KET 28-1r	91.4 metres	-90°		
94 KET 28-2r	82.3metres	-90°		

Phoenix Gold Resources Ltd.

KET 28 AREA

Claim boundaries & underlying grid
Drill hole collar locations 1994

Scale 1:2500



APPENDIX F
DRILL HOLE LOGS
&
WORK SHEETS

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Proto-lith	Au	Ag	Notes
12-13	?	?	Casing - 30' Olive brown to gray gravel, float, flow by, clay gouges. Serpentinitic flow,													
13-23	4/10	0/10	30-33 Layered black aphanitic flow by lithic frags 30" L													
23-33	5.1/10	0/10	33-37 Hornblend porphyry chlorite often hornblend 37-38 Sheared Hornblend Porphyry													
33-43	9.1/10	1.7/10	38-84' Mottled greenish gray gray-white layered rock & cherty interbeds Hornblend porphyry Andesite Abundant clay Highly altered and sheared Argillite.													
43-53	5.5/10	1.5/10	84-103' Black graphitic Argillaceous chert?													
53-63	4.3/10	0/10														
63-73	1/10	0/10														
73-83	5.5/10	0/10														
83-93	6.6/10	0/10														
93-103	2.0/10	0/10														

PAGE OF PHOENIX GOLD RESOURCES

Casing

float -13'

Broken Rubble Shear Zone

Clay gouge

chlorite patches Qtz

88' Graphitic

24992

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	mag	P _y	Cpy	Structure	Alteration	Proto-lith	Au	Ag	Notes
93-103	2.0/10	0/10	↓									Graphitic -103				
103-113	9.2/10	5.5/10	103-113 Pale greenish gray aphanitic andesite. Cherty banding @ 112' Flow?	T _H 1-1% ↓ -103'							Highly fractured					
113-119			113-119 Dark gray & pale green layering. Layered? banded? Serpentinized. Alteration graphitic. Banding 35° L	1 to 2% ↓ Units												
113-123	8.9/10	0/10	119-127 light olive gray banded volcanic? & chert bands. Aphanitic	-113'								Serpentinized ↓				
123-133	7.7/10	0/10	127-139 Dark gray to light gray banded & volcanic Serpentinized & Qtz patches & interbeds	-122.5 3% ↓ -125' T _H								Chloritic ↓				
133-143	8.7/10	.7/10	139-148 Pale greenish gray andesitic dike? sill? Relic Hornblend? Feldspn?													
143-153	9.1/10	1.2/10	148-154 light gray Highly frac Volcanic bx and layered Qtz chlorite bedded sediment after Argillite. Predom. fracturing // L.	-142 T _H ↑ to 2%												
153-163	8.9/10	0/10	154-158 light gray andesitic dike? sill? Relic Hornblend									Abundant limonitic stain on -154 free ↓				
163-173	9.2/10	2.6/10	158-163 light gray to olive green banded chlorite Qtz sediment Argillite? 163-170 Grayish brown Aphanitic Highly frac volcanic? Intermediate volcanic No obvious fabric. Frac. 60-90° L	-158 T _H ↓ -163 T _H ↑ 3% patches Units diss												
173-183	9.2/10	3.6/10	170-182.5 Dark brown white banded volcanic. fabric 5-15° L Weakly Serpentinized 180-183 Bleached silt by Pyritic													
183-193	9.5/10	5.9/10	183-184.5 Altered contact & dark gray intrusive. 184.5-211 light gray equal granular aphanitic volcanic & Hornblend Phenos Andesitic Contact @ 211' 10° L Flow? No chilled margins													
193-203	9/10	3.3/10														

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100
110
120
130
140
150
160
170
180
190
200

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	PY	CPY	Stroph	Alk	Altk	Proto-lith	Au	Ag	Notes
193-203	9/10	3 3/10	211-245 Olive green to light gray banded by highly frac chlorite Qtz layered rock. Argillite	T++ to 3% potash Uolds diss					T								
203-213	9.6/10	6.1/10	245-251 Pyritic chert Highly frac Uaggy Auto by Banding in Argillite 45°	212 T++					-211								211 Graphitic Argillite
213-223	6.6/10	.8/10	251- Qtz chlorite Graphitic layered rock. Some deformation 90°														
223-233	3.5/10	0/10	Where recognizable the rock is as above. Qtz chlorite layered rock. Protolith was black argillite?														
233-243	2/10	0/10															
243-251	1/8	0/8		245 T					-245 pods Uolds to 3%								
251-256	1.5/5	0/5															
256-263	6.9	2/10							-258 T								
263-272	5/10	0/10							-264								
272-277	3/5	1/5															
277-284	4/7	0/7							-280 T								
284-291	5/7	0/7							-281 T								
291-298	5/7	0/7							-287 T								
298-303	3/5?	0/5							-288								

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Highly frac Sanded Rubble SHEAR

211 Graphitic Argillite 245

HOLE # 76 GH 1-U

DATE Feb 20 1964

ANGLE - 75

DEHLINGS N 75 E

LEVEL 7-1

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alkation	Proto-Lith	Au	Ag	Notes		
298-303	3/5?	0/5									SHEAR	Plz chlorite white						
303-313	5/10?	0/10																
313-321	4.5/8?	0/8											31A clay					
321-330	6/9?	0/9											325					
330-335	3/5	0/5																
335-339	2.7/4	0/4	339-348 Serpentinitic															
339-349	8/10	0/10	348-362 Light gray aphanitic Dense Volcanic? clastic sediment? ± T Py. contact @ 362 is irregular															
349-353	3.7/4	2.1/4	362-385 Olive green to white Volcanic bx? Sanded Qtz chlorite? Argillite? ± interbedded chert bx aphanitic volcanics and Sanded zones.															
353-363	7.5/10	1/10																
363-368	4.7/5	0/5																
368-375	5.5/8	0/8	385-412 Dark green Salmon pink crystallites? Aphanitic texture ± phaneritic texture 393-398 grading to aphanitic texture Trace Py throughout.															
375-383	6.9/8	2.4/8																
383-393	6/10	0/10																
393-403	6.5/10	0.8/10																

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PHOENIX GOLD RESOURCES

347
5-10%
Peds
containing
ch
Volcs
frag
360

387
5%
Trace
filling
Volcs
ch

339

348
T

362

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alk. Acton	Proto-lith	Am	Ag	Notes
393-403	6.5/10	8/10	Dioritic to 412'	3-5% fine fillings Unkts Un								Qtz chlorite Calcite				
403-413	7/10	0/10	Gauge Aphanitic rock frags ± flow banding // L								SHEAR					
413-423	2.5/10	0/10	425-428 light grayish green aphanitic Calcite laced Intermediate Volcanic Intrusive? lower contact 90° L Bx Calcite appears to fill discontinuous gash Un. Shows internal lineations 30° L	412 T++							Rubble					
423-433	6/10	9/10	428-600 light to dk brown bx fine tight banding? layering? 45° L Abundant micro Shear folding Protolith Sediment probably Argillite	424 Unkts 428 1-2% Un Unkts 435 T++								Hematite chlorite				
433-443	8/10	0/10														
443-447	3/A	0/A							440 ↑ 445							
447-453	1/6	0/6														
			End of Hole													

PAGE of PHOENIX GOLD RESOURCES

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Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	cpy	Structure	Alteration	Prob-Auth	Am	Ag	Notes
5-13	6 1/8	2 5/8	Dark gray to pale green banded propylitically altered flow 2 Calcite eyes Discontinuous bands of Hematite & Magnetite Laminations are generally 50° L hematite staining assoc arg. illc alteration at 18221. Assoc thin calcite filled fractures	1-3% Ulets	Bands 5-10% of rock			1-2% diss	1+ euhedral			Silif				Propylitically altered
13-23	8 9/10	4 2/10	Pale green to dark gray Highly fractured banded propylitically altered flow & lenses of massive silica replacement. FeO stained along fractures. Epidote assoc & altered by zones lenses	15 T++	21 T-1% 31 T-1%			21	20 T			21				21
23-33	9 2/10	7 2/10	@ 25' Contact between dark gray flow 32.5 and interbedded lith frag bed. 2 1/2" @ 32.5 Mottled pale green to gray white fragmental zone. by lith fragments fine fractures Py to 34.5.		32.5 T-2%						contact 32.5	32.5 patches of Silif				
33-43	8 7/10	4 3/10	34.5 Mottled dark gray to green highly frac volcanic flow work banding	35 Ulets				35.5 T	35.5 T++ -1% diss			33 T++ -3% patches of Silif				
43-53	8 6/10	4 0/10	45 bx contact @ 45' SAA More massive relic banding? 30-40° L													
53-63	10/10	6/10	52' Dark gray lit grayish green banded highly frac. flow. Banding 70-80° L	53 T++				56	56 T			52 Silif				
63-73	8 2/10	3 4/10	58' Dark gray highly frac massive volcanic? 60 Dark light gray to pale green banded flow. Flow bands 80-90° L Qtz Un paralleling flow bands contain wtch Ulets + Hematite. Rock becomes more massive towards 73'.	60 T++ -1% 63 3-7% Ulets diss				60 T	60 T++ -1% diss 62 T			58 Minor patches Silif				60 Traces of hematite
73-83	9 2/10	5 3/10	73' Flow bands are less discrete. Rock is more massive Qtz Un @ 74' is hematite. Qtz Un @ 75' is Hematite and Magnetite					73	73 T++ -5% 75 T							73 -75 Magnetite in Qtz Un
83-93	8 8/10	5 3/10	Massive dark gray to light pale green to 131' Generally is highly fractured Qtz Ulets throughout Fracture sets are 80° L to 131 45° L Relic banding where noted 45° L Epidote Garnet? K Spn alteration @ 84' 90' and 96' Assoc & bx	80 T++	85 T++							81 82 bleaching argillization chlorite				
93-103	8 3/10	3 4/10	Qtz flooding bleaching and sweated Qtz from 107' to 112' and 119' - 123.5' assoc & bx.	92 T 95 T++ -2%	91 T++ -3% 95 T++							90 bleaching argillization chlorite 92 chlorite 94 bleaching and silica flooding 96 chlorite Qtz Un				

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PHOENIX GOLD RESOURCES

HOLE #

DATE

ANGLE

BEARINGS

DEVEL 153

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	cpy	Structure	Alteration	Proto-lith	An	Ag	Notes		
93-103			From 131-134' f? Lithic Tuff	114 -24														
103-113	8.7/10	3.7/10	From 134-153' dark to Olive green massive rock Swirled texture. Highly fractured Rare banding 150-151 35° Possible Relic lith frags Pyroclastic flow?	105 1-3% V.lets								107 Hematite Epidote 107 bleaching 109 chlorite 109 Swirled Qtz 112 Chlorite 112 Epidote 112 bleaching chlorite Swirled Qtz						
113-123	8.3/10	1.9/10		100									120 bleaching 120 silica filling 120 Qtz 123 chlorite					
123-133	7/10	2.1/10		127 T 130									bleaching chlorite					
133-143	6/10	6/10		131 T 134 5% V.lets									131 Silif T-Epidote T-Chlorite					
143-153	8.7/10	1.1/10		153									143 Argillic alteration Qtz					
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PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staph	Alk	Alk	Proto-lith	Am	Ag	Notes		
Gasing			N 32575.2 E 45521.02 EL 1173.23 m	Surveyed Notes															
			443' = 135.06 m Plan = 95.5 m depth = 95.5 m																
20-23	2.5/3	1.1/3	Banded black to olive green gray volcanic flow & sections of swarthy Qtz and lithic fragment by? 36-37'	1-5% diss Un Ualels				1-3%									Si.l.f. 25' 27' Chlorite Tale	25' FeOx staining	
23-33	6.6/10	0/10	Relic fabric mainly 60-70° at 30'-36' NL - lower contact @ 57' is FeOx and 60°																
33-43	8.6/10	4.7/10	light to dark gray massive volcanic greenstone Dense possible relic fabric? 30°? Qtz Uning towards 60-70° contact? maybe @ 70-72.5' 45°															Weakly chloritic minor silif thin Qtz veins	39' FeOx staining
43-53	8.3/10	3.3/10																	
53-63	8.7/10	5.5/10	71-84' Chlorite Epidote. diss Py Unlet Py. Thin localized by. Abundant Qtz vng and discontinuous patches. Hematite staining // to banding. Minor bleaching. Bright euhedral Pyrite.																
63-73	9.1/10	4.5/10	71-84' bright euhedral diss Py and fracture filling brassy Py																
73-83	9.3/10	5.1/10	72.5 Dark gray to pale greenish gray Highly fractured Qtz Un flow i.e. highly fractures Sub concoidal fractures? 85°																
83-93	8.4/10	5.5/10	84' Possible flow banding? Unring from 20-50																
93-103	9.1/10	1.1/10	84-103.5 dk gray to grn gray fr banded flow. w/ hematite and magnetite - more chlorite and massive near 103.5 banding is 45-55°																

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PHOENIX GOLD RESOURCES

75' Hematite
71'
82' Hematite

? 6" gangue

Weakly chloritic minor silif thin Qtz veins

71.5 Silf Propylitic & Qtz Un local by 84' veins Silf magnetite

71.5 1-2% diss
72.5 2-4% diss
73.5 1-5%
74.5
75.5
76.5
77.5
78.5
79.5
80.5
81.5
82.5
83.5
84.5
85.5
86.5
87.5
88.5
89.5
90.5
91.5
92.5
93.5
94.5
95.5
96.5
97.5
98.5
99.5
100.5

1-5% diss Un Ualels
27-59
39-40
39'
54 T-T#
59 T
72
72.5 T
73.5
74.5
75.5
76.5
77.5
78.5
79.5
80.5
81.5
82.5
83.5
84.5
85.5
86.5
87.5
88.5
89.5
90.5
91.5
92.5
93.5
94.5
95.5
96.5
97.5
98.5
99.5
100.5

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mag	Py	cpy	Structure	AlkAltn	Proto-lith	An	Ag	Notes		
93-103																		
103-113	8.7/10	4.7/10	103.5 - 116 grt & dk gray vol. flow 103.5 - 105 dk green, chloritic w/ky banded, br, highly fract vol. flow? w/ qtz, pyrites & py. Transition?	Tr vnlchs @ 110'	Tr 1%			103.5 103.5	103.5 Tr 110' 103.5 Tr 110'								Minor Magnetite -104.5 staining	
113-123	6.4/10	1.5/10	105-112 dk grn gray massive w/ky highly fract. Calcite vnlchs @ 110' 112-118 ssa, b'chd, br, pyrite															
123-133	7.2/10	1.8/10	118-176' layered rock. chloritic parting w/ qtz. Altered Argill. fault zone @ 144 and 148'															
133-143	7.9/10	3.2/10	b'chd 148-154. massive lt gray w/ dugs - monazite euhedral? contact @ 80' L Lamination @ 90' L															
143-153	6.5/10	0.8/10																
153-160	5.7/7.0	1.7/7.0																
160-164	3.2/AP	0.0/A.0																
164-173	6.9/9.0	1.1/9.0																
173-181	6.8/8.0	0.9/8.0	increasing chert Zoned @ 80' L 176-180' light gray, fract, pyritiz lithic b'chd. 7 w/ sand sized grt or chert grains															
181-191	9.2/10	4.5/10	181-183 - light gray. banded ssa 183-203' dk gray & blk massive magnetic volcanic - basalt altered 185-203, Calcite & qtz on 183-195' - highly fract w/ magnetite & monazite qtz on															
191-193	1.4/2.0	0.0/2.0																
193-203	8.2/10.0	3.2/10	195-203 - fract br, b'chd Pyrite basal section 187-195'															

PHOENIX GOLD RESOURCES

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bleached
magnetite

Magnetite

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Ry	cpy	Structure	Alkation	Proto-lith	An	Ag	Notes
203-210	6.1/7	8/7	205 Dark gray to greenish gray Argillite ± alternating bands of Chlorite and Qtz. Localized by Tuffaceous and cherty 212.5-218 laminae varies from 70-0° L	-203 T ¹¹	-203 0-5%				-203 T			Chlorite cherty Qtz Un				
210-219	1.3/9	1.6/9	218 Chert fragments in a black Aphanitic Mtx. local flow banding in Mtx. Lithic Tuff?	-218 T	-214 T				-218			-218				
219-228	7.9/9	2.1/9	223 Dark green dense massive Tuff? ± interbeds of fragmental Lithic Tuffs? Calcite throughout Qtz Un increases ± depth Possible f @ 238 • Basal contact 45° L	-224 5-10% diss Un	-226 T ¹¹				-226 T			-225 chloritic Qtz Un				
228-233	4.3/5	1.9/5		-233 T ¹¹	-237 T				-233							
233-243	8.9/10	4.3/10	238 light gray cream to pale greenish gray Highly fractured and vuggy Volcanic? Pyritic Relic banding 258-259 45° L lower contact @ 263' f and slickenside. Vesicles are calcite lined. Pale gray fragments and cream colored Mtx. Mtx may be magnesite? Some internal flow structure in dark gray fragments. Sympathetic to overall banding of rock. Felsic flow?	-237 T	-237 T				-237 1-7%		-238 f	-238 bleached Silty vuggy				
243-253	9/10	2.4/10		-255 1-3%	-258 T											
253-263	7.5/10	2.1/10		-263 T					-263 T		-263	-263 Chlorite Qtz Calcite				
263-273	8.4/10	3.6/10	263 Dark grayish green to green banded Argillite ± massive Tuffaceous? interbeds Propylitized by Fragmental Tuff 305-307' Dark gray flow 312.5-314' Tight thin relic banding? 322-325' 60-80° L Relic banding? 327.5-333 30-80° L All in finegrained elastic sediment. Could be water laid Tuff?	-268 T ¹¹	-268 5%											
273-281	6.9/8	1.1/8									-278 w					
281-291	8.9/10	2.8/10									-281 f					
291-296	4.3/5	0/5														
296-303	6.8/7	1.6/7														

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PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	Py	Mag	Py	Cpy	Structure	Alteration	Proto-lith	Am	Ag	Notes
296-303												Chlorite				
303-313	8.3/10	9/10	309'									Qtz Calcite				
313-323	9.1/10	3.7/10										Abundant Qtz 5% Silif				
323-333	9.2/10	2.7/10										Silif Chloritic Argillitic				
333-343	8.2/10	0/10	Same as above Black argillitic swathed Qtz Minor flow banding? 383.5-385													
343-353	8.9/10	2.3/10														
353-363	8.9/10	2.6/10														
363-373	8.9/10	3.3/10														
373-383	1/10	1.5/10	393-403' Transition from black Qtz rich sediment to thin flowbanded flow that is serpentinitic & interbedded? black Argillitic and Qtz zones													
383-393	9.1/10	2.1/10	to 429' Swirled laminae at variable $\theta \perp$ through 443' EOH Fractures are $10^\circ \perp$													
393-403	7.8/10	1.6/10	Serpentinite and massive 436-443													

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PHOENIX GOLD RESOURCES

303
305
317
324
325
333
383

300
311
322
323
378 f

Hole # 96 GH 3C

DATE

ANGLE

BEARINGS

DEVEL

443'

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staphn	AlkAton	Proto-lith	An	Ag	Notes		
403-413	9.2/10	2.6/10	Fractures have Slickenside Dense mol. c or Volcanic flow	T	T				T									
413-423	8.9/10	2.3/10																
423-430	6.3/7	1.5/7																
430-436	4.5/6	.6/6																
436-443	6.4/7	1.2/7																

410
420
430
440

FACE OF
PHOENIX GOLD RESOURCES

424'

424

HOLE # 96 GH A-C

DATE Feb 13/96

ANGLE -60

BEARINGS S45W

DEVEL S2A

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Proto-lith	Am	Ag	Notes
19-23	3.0/A	1.0/A	17-21' FeOx stained flow													
23-27.5	3.9/A.5	0/A.5	21-24 olive green flow & thin discont. Silica laminae					1-2% ↓	1			FeOx slips				
27.5-34	5.1/6.5	2/6.5	Banded gray, light gray and green Volcanic flow? Massive dense hematitic stain. Weak propylitic alteration.					1-2%								
34-44	9.5/10	1/10	light gray Volcanic flow zone in colored (zoelite) by fragments. May be auto br.													
44-54	9.1/10	3.1/10	44.5 Phylite br? Sulfides @ lower contact. Upper + lower contacts 45L													
54-63	8.1/9	1.1/9	Very dark gray aphanitic dense Volcanic? & abundant Calcite veining Br @ 60'													
63-73	9.5/10	1.9/10	60 Olive brown gray weakly banded + Br Volcanic? Bands 15L					60' ↓				60 FeOx ↓				
73-80	6.3/7	3.8/7	Very dark brown & dark, light brown and pale green banding. Weak glassy texture Possible Relic Feldspars. Trachite flow? Pyritic 71-90' Very siliceous 73-90'. Minor localized by weakly propylitic. Chloritic Alteration increasing with depth. Lower contact of upper contact f?									63.5 Silif ↓				
80-84	3.8/A	2.5/A										68 Silif ↓				
84-94	8.6/10	0/10										71 Silif ↓				71 Hematitic stain
94-104	7.7/10	1.1/10	91 gauge dark green & chert fragments									71 Silif ↓				
			93 light to pale green dense Volcanic flow? Relic feldspar? Relic hornblend? Andesite?									91 Silif ↓				

PHOENIX GOLD RESOURCES / PAGE OF

Hole # 96 GH 4-C

DATE Feb 14/96

ANGLE -60

BEARINGS S45W

DEVEL 524

Depth	Rec	RQ	Description	Cateite	Epitate	Garnet	AO	mag	Py	cpy	Structure	Alteration	Proto-lith	Am	Ag	Notes
94-104	7.7/10	1.1/10	Frac. Bx Silicified in part. 1033 f gouge Thin banded dk gray pale green Volcanic flow? 40% Qtz 109-110'									bleached chlorite? magnetite?				
104-114	8.6/10	1.7/10	110 Flow bx black aphanitic Mtz Leucocratic fronts chert? Pyritic Chalcopyrite Brassite Pyrite	110 T					110 T local conc to 5%	110 T						
114-124	8.7/10	2.2/10	114 } Pale olive green bx 115.5 } Same as bx 110-114 Inc. Py to 2% 120 } localized patches. Fine grained 120 Interbed.	114 T 119 T 119.5 T												
124-134	8.4/10	1.2/10	124 Vetically banded Argillaceous chert Thin to thick banded Argillite ± local zones of Bx and Silicification. Fine grained interbed from 143-145 Abundant graphite along frac surfaces. Highly contorted and broken. Frac // and 45° ⊥	124 T 124.5 T												
134-144	8.2/10	0/10	Tight cleon folds predominate from 156-171' Pyrite variable but abundant near contacts.	142 T 144 T								136 Highly Frac Graphitic				
144-154	8.1/10	0/10		142 T 144 T												
154-164	6.3/10	1.6/10		156 T												
164-174	7.1/10	1.2/10														
174-184	6.8/10	0/10		177 T 177.5 T								177' Inc Chlorite Qtz Un Sections Sil bleaching				
184-194	8.9/10	2.7/10	184 } chert by chlorite Mtz 185 } 185-187' Flow Trachite? dacite? Aphanitic	184 T 184.5 T												
194-204	8.9/10	0/10		194 T												

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PHOENIX GOLD RESOURCES

Hole # 96 GH A-C

DATE Feb 14/96

ANGLE

BEARINGS

DEVEL S24

Depth	Rec	RQ	Description	ANGL							BEARINGS			Notes			
				Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Silica	AlkAlun	Pick- lith		Au	Ag	
194-204	8.9/10	0/10	201-206 Siliceous thin banded light gray - pale green Pyritic flow Bx felsic	T													
204-214	7.6/10	1.9/10	206-206.5 Same as above Pyritic finely divided Py - 2% 206.5 - 218 Chert by lined. Dark white lined chert by silif Pyritic flow bands Mtz 60% Intermediate flow.	T													
214-224	9.1/10	2.9/10	218 Light greenish gray fine by white chert + cream colored frgs in Aphanitic Mtz. 219 Pale greenish gray highly frac. felsic flow & localized by and vugs. Qtz? Rhyolitic?	-218 1-2% fine fillings													
224-234	9.2/10	5.1/10	233-234 Flow banding is fine rock color is grass green. Contact is curved and 45° 234-234.2 fine mtz supported by	T													
234-241	5.1/7	0/7	238-240 lg euhedral up to 2-3mm diss 3-5% 240-243 Trace euhedral 0.5% diss on lts	T													
241-251	9.6/10	2.5/10	250 Po + Py assoc & Qtz silif.														
251-260	7.8/9	1.8/9	234.2-259 - dk brown pale green brownish red thin banded Intermediate flow Abundant Py. Qtz Calcite veining Purple Qtz Vn @ 242' Decreasing Py and increase bleaching 251-259.														
260-269	8.4/9	3.4/9	261 - light green Aphanitic to volcanic Bx? Py & Qtz Two different distinct lith frags in Bx. Dark light colored volcanic frags. 269 weakly banded volcanic Bx & chert volcanic frags. fault zone														
269-274	2.5/5	0/5	275-275.5 Olive green felsic dike? 275.5-276 - Banded volcanic Bx														
274-281	5.4/7	5/7	276-276.8 - light gray pyritic volcanic Rhyolite dike? 283-283.5 - 6" Qtz vein														
281-290	8.6/9	1.2/9	276.8-286 - Green gray Aphanitic highly frac. weakly banded. Intermediate volcanic 286-315 similar rock to above becoming dk gray & abundant Qtz patches and bands & a ssog Calcite. Localized by calcite banding and Qtz veining. Predom frac pattern 50%	-282 2-3% diss on lts 2 Qtz													
290-300	8.1/10	1.0/10		-283 3-5% banded													

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PHOENIX GOLD RESOURCES

290

290

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Petro-lith	Au	Ag	Notes
300-304	3.7/4	1/4														
304-314	8.7/10	1.1/10		3-5% banded Calcite												
314-324	9.5/10	5.4/10	315 Very dk gray Aphanitic glassy? Thin banded flow Highly frac. Qtz Calcite veining Epidote? TRy T Cpy? Sulfides decreasing @ 321! Qtz chlorite & Salmon pink X-lites increasing 326-333													
324-334	8.9/10	2.8/10														
334-339	5/5	5/5	333 Dark gray to green gray flow & orange X-lite banding making up most of fabric of rock Banding 50-60°													
339-346	6.5/7	1.4/7														
346-354	6.5/8	.6/8	346 Fragmental bx Qtz Chlorite Alteration black to dark gray Mtr localized f gouge @ 351-352 Perpetuative fracture coatings. White section highly broken													
354-364	9.2/10	1.6/10	354.5 Light gray to greenish gray Qtz Calcite rich weakly banded flow in sections of intense Qtz Chlorite alteration. No Phenos Intermediate flow. Bx sections													
364-374	9.2/10	4.3/10														
374-384	8.3/10	0/10	374 379-396 f zone. Highly frac. Qtz vein propylitically altered bx brittle Argillite. Mod Chlorite													
384-394	6.8/10	0/10														
394-404	8/10	0/10	396 Dark gray Thinly banded Volcanic flow & flow banding													

PAGE 4 OF PIPERIX GOLD RESOURCES

304
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315 Mod Sulf
321 Percussive Sulf
326 Qtz Un-Altered Chlorite Salmon Orange Crystallite
346 Inc Qtz chlorite Alteration
355-352 f zone
379 Broken Qtz Vein gouge f zone
Argillite?

HOLE # 765H 4-C

DATE Feb 15/72

ANGLE -60

BEARINGS S 25° W

DEVEL 524

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alk Altn	Prdo-Lth	Au	Ag	Notes
394-404	8/10	9/10	60-80° L. Fragmental Qtz + Qtz Veining to 410'. Broken zone to 410'. Mod Silif to Some Hematite stain.	T	T				T							
410 404-414	8.4/10	0/10		-411 T++ -5%	-414 T++				-415 T++			-40' Silif Qtz Vein Chlorite Fractures				
420 414-424	9/10	2.2/10										Silif Sections				
430 424-434	8.3/10	2.8/10	430' Fine dense light gray Thinly banded Highly contorted flow Section of Qtz on Chert frags by @ 436'-438' and @ 419'(2")	-390.2 T					-425 T							
440 434-444	8.8/10	4.3/10														
450 444-454	9.3/10	2.7/10	449' Dark gray Thinto thick banding Maroon to light green in is. Thinner bands 463-465 Relic Hornblend Phenocryst? S.A.A.?	-455' T++ -5%												
460 454-464	9/10	2.9/10		Un Unlets Bands Dis												
470 464-474	8.9/10	1.4/10	465 Dark to Olive gray Thinly banded flow ± Aphanitic interbeds (Structureless) Magnesite alteration 474-480						-473T++							
480 474-484	9.2/10	2/10	480 S.A.A. Increasing by Zones 491-495 Decreased bleaching 491-495 Localized flow banding 485 and 495 //L. 496 Contact Aphanitic Structures unit and flow by is approx 200' Pip up frags of aphanitic unit in flow bx.									-480 bleached				
490 484-494	9/10	1.6/10										-490 Recessive Silif Predominant				
494-504	9.1/10	2.3/10							-499							

PAGE of

PHOENIX GOLD RESOURCES

HOLE # 96 GH 4-C

DATE Feb 15 196

ANGLE -60

BEARING S 45° W DEVEL 524

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Pg	Cpy	Structure	Alkation	Petro-lith	Au	Ag	Notes
500 494-504	9.1/10	2.3/10	Flow by Black Aphanitic Dity Auto and Chert fragments Increase in Sulfide content Increase Qtz 5085-505		1				+++ 5th patches Unlets			500 Silif Unlets 505				
504-512	5.1/8	5/8	Weak banding. 30° L 505-511 Qtz enriched flow? Intense f gauge in contact = solid rock @ 10° L	+++ 19% Unlets Frac filling					1			505 F				
512-521	7.5/9	2.4/9	511-516 Aphanitic dk grayish green No phenos Banding 90° L Highly frac Abundant Qtz. 516- Thin to thick banded Qtz				-514 7 -516		+++ 1			-511 Inc Qtz weaving phases -58				514 PO + Ch Assoc = Qtz 516
521-524	2.7/3	0/3	Calcite rich Serpentinitic flow Minor patches Qtz. Banding 80-90° L Weakly Serpentinitic to Ec II													
524-530																
530-535																
535-540																
540-545																
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770-775																
775-780																
780-785																
785-790																
790-795																
795-800																

of
 PAGE
 PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staph	Alk	Acton	Proto-Lith	Au	Ag	Notes
12-13	1/10	0/10	Dark gray Thinly banded Magnetic flow Band and pale green gray and reddish brown. 60°L. From 15'-38' Rubble	13% diss Unlets				1% diss 15°									
13-23	5/10	0/10	30-31' light gray volcanic bx & Py 33-34' Pale green gray lithic TuH 2 Two different kinds of fragments														
23-33	4/10	0/10															
33-43	1.5/10	.6/10	Light pale gray to olive gray Aphanitic layered rock. Minor relic banding? bedding? Discrete Qtz grains? Qtz Unlets? Epidote Chlorite Fole and Sanding along fractures. Frac // bedding @ 70°L	5%													
43-53	6/10	0/10															
53-63	8.7/10	4.3/10	Thinly banded glassy flow Gray chert Fabric 30°L Pale green to light gray mottled Argillite bx Highly frac chert with Argillite partings. 63-65' fine Pyritic bx. Salmon colored frags may be felsic (Rhyolite)														
63-73	6.8/10	0/10	Dark green volcanic Andesite? massive to 72' Banded // 72-74'														
73-83	8.1/10	0/10	mottled light to dark green and gray Layered Chlorite Epidote Qtz rock with fine grain interbeds Some flow banding fabric @ 86' becoming glassy @ 90.5. Partings generally 70°L Sanding and calcite predominant Ahead argillite? with interbedded calcareous TuHs?														
83-93	9.6/10	2.5/10															
93-103	9.3/10	4.4/10	Thinly banded to massive. Greenstone localized by zones Chlorite Epidote calcite Fracture patterns 90°L // 45°L														

PAGE 1 OF 6
PHOENIX GOLD RESOURCES

72-74 may be chloritic Argillite?

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	P _y	Cpy	Structure	Alteration	Proth-lith	Au	Ag	Notes
93-103	9.3/10	9.9/10	Less Chlorite Epidote & clept Hematite stain along frac. Highly frac. Glassy.	-102 1-3%				-100' T ⁺⁺ -5%	T ⁺⁺ -5%							
103-113	9.5/10	6.9/10	92.5-113 Aphanitic. Relict Hornblende? Andesitic? "Stoney"													
113-123	8.7/10	1.8/10	118' Generally shattered. Frac surfaces are sandstone. Sand skeletons.	frac 1-3% V. 1-2%					-110.5 T		-112' T					
123-133	9.6/10	5.5/10	123' Thinly banded Highly frac. Volcanic flow & dark gray Pale green and reddish brown banding													
133-143	9.1/10	5.2/10	Intermediate aphanitic flow Some Epidote bands Calcite filled frac.													
143-153	9.1/10	6.9/10	Drag folds 149'-155' Two periods of same flow where Epidote Chlorite rich mtr has flowed around frags of earlier flow. Slightly glassy Intermediate flow					-143 T-T ⁺⁺								
153-163	9.3/10	5/10														
163-173	9.4/10	8.8/10	168' P _y unlet 60°					-163 5-19%								
173-183	9.3/10	2.2/10														
183-193	9.5/10	3.7/10	182 fragmental bx - Matrix SAA 183 Dark brown Pale to light green Aphanitic flow. Frac 40-60° L Tight thin flow bands Intermediate flow													
193-203	9.3/10	4.8/10														

PAGE 2 OF 6

PHOENIX GOLD RESOURCES

-109 bx
-110

-118 Highly frac broken
-124

flow bands var. from 0-15'

Silt

Chlorite
Epidote
Qtz

Fragmental

3" Qtz
-196

-192 .5%

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	cpy	Structure	Alteration	Proto-lith	Au	Ag	Notes
193-203	9.3/10	4.8/10	Dark green massive to weakly banded volcanic Magnesite? Abundant Py Aphanitic Lithfrags? lithic Tuff? Hornblende Phenos? Andesitic?	1-3%	1-2%			1-3%	5-2%							
203-213	9.2/10	3.1/10		fine filling Volc.												
213-223	9.9/10	6.2/10	Dark brown yellow green volcanic flow. Stoney, localized by Epidote Veilings. Calcite + Alteration Flow banding 45-80° L. Minute Phenos Hornblende? Intermediate flow.													
223-233	9.3/10	4.7/10	Dark brown to reddish brown weakly banded Aphanitic flow abundant Hematite stain. Epidote Calcite veining. FeHap Phenos Hornblende Phenocrysts?													
233-243	9.3/10	4.6/10	SAH Inc Epidote flow banding more distinct @ 10-15° L. Increases to 30° L with depth Vertical @ 253'. 20-30° L 253-257													
243-253	8.9/10	1/10	257-277 0-10° L. Alteration increases 277-287 Highly fractured Generally massive Abundant Chlorite Flow banding becomes 5° L @ 292'													
253-261	7.9/8	3.9/8	292-302 Bands of by varying from 30-60° L consisting of Py Chlorite Calcite and light pinkish brown mineral Magnesite?													
261-271	9.5/10	3.3/10														
271-281	9.5/10	4.0/10														
281-287	5/6	0/6														
287-293	5.5/6	4.2/6	292' 5" band Py diss Chlorite Magnesite CaCO ₃													
293-303	9.5/10	5.5/10	299 2-5% bands diss assoc Chlorite Magnesite CaCO ₃													

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PIPERIX GOLD RESOURCES

200
210
220
230
240
250
260
270
280
290

Notes

Silt
Chlorite
Epidote
Qtz

Flow bands vary from 0-15° L

-275' Rubble Zone frac 10° L 80° L

203
205
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212
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293
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296
298

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Silica	AlkAlun	Proto-Lith	Au	Ag	Notes
293-303			302- light brown Highly fractured Weakly banded Stony flow	1-3%	2-3%				5-1%							
303-313	9.3/10	7.0/10	303-314 Contact between flow + lithic Tuff? 45°L. Contact is Mylonitic													Blue Bt
313-323	8.7/10	1.9/10	311-353 layered black to light green lithic Tuff? Interbeds of Andesitic volcanic @ 324-324.8' @ 326-327' @ 337-338' Bedded Chat 318-319 Rip up 343-353 from basal part of flow. Fragments are white to pale green chat in white Hphanitic Mtx = flow bands? and/or layering 45°L Mtx alters to Chlorite Qtz = minor bleaching around f Higher Py is brassy and diss													More chloritic
323-333	8.9/10	3.9/10	353-358 gouge mainly silty chloritic Talc Qtz frags													
333-343	9.5/10	4.9/10	358-400 layered light gray to dk green Serpentinitic flow. Contains Magnetite cherty layers Diss fine Py. Euhedral Py with bleaching. Magnesite @ 368' Trace Hematite Pyrite is bright Mylonitic?													
343-353	9.1/10	2.3/10	Contact @ 361' 45°L 366-366.8' Rock is light green lamination on dark Phenos? 60°L Augite? Andesite?													
353-363	8.6/10	3.2/10	358-400 Same as 358-400 description above.													
363-373	9.3/10	2.8/10	387-390 Pyritic Calcified Bx. 384-385 Weakly banded intermediate flow													
373-383	8.9/10	3.6/10	393-400 Brown to pale green tightly banded flow = patches Py + Epidote													
383-389	5.4/6	1.1/6														
389-398	1.1/9	2.1/9														
398-403	4.1/5	2/5														

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PHOENIX GOLD RESOURCES

Abundant chlorite

Layered magnetite Tuff Hb work

324 Relic Feldspar?

303 Auth by interbeds
315 Flow bands very silty
324 Salmon pink phenocryst?

353 Fgouge bx
358.5
353 Silty Chlorite Talc

389 390 by Talc chlorite Pyrite
393 Silty Calcite

Depth	Rec	RQ	Description	Calcite	Epilite	Garnet	PO	Mag	Py	Cpy	Structure	Alk. Acton	Prob-Lith	Au	Ag	Notes
398-403	4 7/8	2/5	100-402 Qtz magnesite chlorite bx? Qtz veining? & fragmental bx Chloritic Mtx 403-403.5	3-10% Patches Unlets Vn layers	T Abundant chlorite						400° 90° 21° Contact Un or basal	400 siliceous chlorite talc Chlorite Silica calcite				
403-409	5 5/6	1 7/6	Chlorite Calcite banding Distinct to 408'. 408-424 Pale grayish green Aphanitic Volcanic? Pelite banding 20° L. Clearly & patches Qtz and broken to 427'													
409-419	8 4/10	2 2/10	427-428 Dark brown banded Intermediate flow. Flow bands 5° L													
419-424	4 3/5	7/5	428-438 Pale green Aphanitic Volcanic? & patches Qtz and Calcite veining Pyrite @ 436-437													
424-428	3 1/4	6/4	438 Same as above becoming Serpentinitic. Lithic fragments?													
428-433	4 2/5	6/5	441-443. Weakly aligned & shallow angles L.													
433-443	8 7/10	0/10	Colcareous Tuffaceous interbeds													
443-453	7 5/10	0/10	Serpentinitic mafic Volcanic units													
453-463	8/10	0/10														
463-473	8 5/10	1 2/10														
473-483	8 5/10	0/10														
483-493	7 9/10	1 7/10														
493	7 9/10	7/10														

FACE OF GOLD RESOURCES

448' 2-390
468' 5-10% Layered unlets
473' T++
490' 5-10%
493' 1%

410' Rubble Zone Fracturing
427'
442' Rubble
460' f bx
472' T++ Euhedral
477' Rubble

412' Qtz Calcite Un Chlorite
424' layered Chlorite Calcite
427' Talc on Fract
428' Hemalite
438' Serpentinitic & patches Qtz Calcite
448' Qtz Chlorite Calcite Siliceous & Qtz Pelite & chert beds

436' T++
437'

472' T++ Euhedral

477'

490' 5-10%
493' 1%

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	Py	Cpy	Structure	Alteration	Photo- logs	Am	Ag	Notes
500																
503-513	8.7/10	2.1/10		502 1% ↓ 10-15% bands	↑ Abundant chlorite						Rubble	502' bleaching calcite chlorite Epidote				
513-523	8.3/10	1.2/10	512 Serpentinic white to light salmon colored crystallites Feldspar? 514	513 T++							514 f	514 sec 514 } descript. in Serpentinic				
523-533	7.9/10	0/10	Aphanitic zones bx 552-569' Calcite rich. Has odd Trace of Py. Calcareous Tuffs?	522' T++ -196							521					
533-543	8.3/10	.7/10	General Note: Water laid or re-worked Volcanic Interbedded tuffs Argillite chert. Salmon pink color - Rdic Feldspar?								539 Rubble					
543-550	5.5/7	.6/7		548 T	548						543					
550-560	8.9/10	3.9/10		553 2-5%	553 ↑											
560-569	8.1/9	3.3/9								558' T						
569-573	4/A	6/A		568 T						567'						

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PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staph	Alk	Alk	Alk	Prho-Lith	Au	Ag	Notes
0-20																		
20-23	1.3/3	0/3	Pale brown to light gray Highly frac															
23-33	.05/10	0/10	Rubble zone consisting of solid rock fragments Volcanic and Uplano-clastic rocks Possible f 35-38' and 48-58' limonitic stain Trace Py. Predominant solid rock fragments bonard greenstone Andesitic?															
33-43	8.7/10	.6/10																
43-53	8.7/10	.7/10																
53-63	7.1/10	.6/10	Dark to pale green Weakly banded Partially layered lithic Tuff grading to calcareous Tuff @ 83' lithic or fragmental Bx to 78'. From 78' grades from fragmental Bx to fine grain Tuff by 85' Dark colored Highly fractured Siliceous units ± possible flow banding host the sulfides. Pyrite assoc ± Calcite veinlets															
63-73	9.3/10	4.3/10	Abundant Chlorite + Calcite															
73-83	9.3/10	3/10																
83-93	9.2/10	1.7/10																
93-103	9/10	1.3/10																

PAGE 1 OF 5

PHOENIX GOLD RESOURCES

Casing ↓

1-3% Patches Unlets diss

45 Tr

58' ↓
65' ↓
3-7% Patches Unlets diss
Kunite

80 Tr 20 3%

Small piece of magnetic float

Patches of Pyrite @ 21'

Rubble & broken

-35 f
-38

-45
-48 Rubble & broken

-58 Qtz Chlorite sp. Hy Sil

64' Tr 5% Patches diss

-70 2%
-75 2%
-76 2%

-78 Chlorite Calcite Minor Qtz Epidote increases 2 depth

94 Tr 2%

-97 5%
-98

45 Silif ↓

Andesite ✓

f f f

✓
1.1% Tuff

Pale Pyrite - Arseno P?

-63' Blue

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Pyro-lith	Au	Ag	Notes
93-103	9/10	1.2/10			T++ to 3%			T ^{to} 2%								Andesitic greenstone
103-113	9.3/10	3.3/10		107 T++ to 2%					Trace							
113-123	9.2/10	2.7/10	115' Flow structure becomes more predominant Relic Hornblend and Feldspar? Lithic and bx sections Stock work like veining & intense Silif. Fracs 45-75°L									113 intense Silif				
123-133	9.3/10	5/10														
133-143	9.1/10	3.3/10		133.5 T++ to 1%				133.6								
143-153	9.5/10	6.3/10		148				138				138 Silif decrease mainly to Qtz blebs				
153-163	8.7/10	4.7/10	152 Some lincation of lithic fragments 40-55°L 154 155 Some Salmon pink alteration & Py along 15°L From 155-162' Bx Silif Epidote Hematite along fractures. Weak flow banding variable 162-167' Bands of Silif Flow banding and lincation of Hematite stained and dark green mineral segregations Generally 45-60°L.	148 1 to 7% patches frac filling Unlets	148 Calcite Epidote Unlets							158 dramatic increase in Epidote 162.5 Pervasive Silif				
163-173	8.6/10	2.2/10	162-167' Bands of Silif Flow banding and lincation of Hematite stained and dark green mineral segregations Generally 45-60°L.	162 T++ to 1% patches Unlets				168 Trace?	168 3-7%		168 Shear Zone Microfabric 172°	168 bleaching Silif Pervasive Hematite frags & eyes 172°				Propylitic altered
173-183	9.1/10	3.7/10	168-172' Upper contact 20°L Sheared & abundant Py. Salmon pink bleached zone highly frac & Py to 169'. Silif and bx to 170' Fragmental lincations in flow bands to 172' 45°L. Py decreasing after 172'	172 2 to 5% patches frac filling Unlets				172				Silif Chlorite Epidote Calcite				
183-193	9.2/10	2.6/10	172 Propylitically altered greenstone Andesitic Relic Hornblend Phenos?						181 T++ along Shear			Epidote to 10% in patches				
193-203	9.3/10	5.5/10	Flow banding generally 45°L Fractures 45-60°L						192 T++ 193							

PAGE 2 of 5

PHOENIX GOLD RESOURCES

Propylitic altered

Hole # 96 GH 6-C

DATE Feb 20/96

ANGLE -45°

BEARINGS S

DEVEL

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Stishovite	Alkalin	Prho-lith	Au	Ag	Notes
193-203	9.3/10	5.3/10	Sections of tight thin flow banding 45° Minor autox sections					1-3%				Silt chlorite Epidote calcite				
203-213	9.3/10	4.6/10		210 3-7% patches frac filling Vnlets Un diss									✓			
213-223	9.1/10	3.6/10										Chlorite Slip -221 Z gauge Stichovite	f f ✓			
223-233	9.2/10	3.5/10										-227 Silt mainly inbeds				
233-243	9.5/10	4.2/10		233 T++ to 19% Un Vnlets Patches												
243-253	9.5/10	5.2/10														
253-260	5.5/7	1.1/7														
260-270	9.3/10	4.4/10	265 light Dark brown & green bands Siliceous. Autox 266-267 Rock is stoney. Frac are sub concoidal. Weak flow banding 15-45°. Abundant calcite filled fractures. Rock is dense Highly fractured. Minor Hematite													
270-273	2.8/3	.7/3		270 3-5% Un Vnlets												
273-283	8.9/10	1.9/10														
283-293	9.3/10	3.5/10	292 → SAA Increase in chlorite and Hematite content													
293-303	8.9/10	2.8/10														

PAGE 3 of 5

PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Proto-lith	Am	Ag	Notes		
300	8.9/10	2.8/10	S.A.A.					1-3%				Chlorite Epidote Calcite Propylitic Hematite						
303-313	9.5/10	4.3/10	Fractures 15-45° Weak flow banding varies 15-30° specifically 320-323 From 322-335 Rock is massive highly frac Lith frags Minor flow banding	3-5% Un Unlets	11% to 1%							Minor bleaching						
313-323	9.5/10	5.3/10	335-346 Light green to dark grayish brown. Bleached Highly fractured silicified flow? Purple coats 343-344 Bx 345-346	3/4 5-7% diss patches Unlets Un														
323-333	8.7/10	4.0/10	346-347.5 lithic flow Black Aphanitic Mtx chert frags Fabric + lower cont'd 45° 347.5-351 light grayish green fine auto bx 351-352 f														322 Hematite 328	
333-343	9.0/10	0/10	352-354 Dark gray andesitic flow? 354-356 lithic flow bx Some as 346-347.5 Flow bands? 5-10° 356-358 Same as above + interbedded chert becoming Serpentinitic 362 - lithic frags increase in size 362-363	340 11% to 1% frags Unlets														338 Bx's Baked 346 Zone Blue Bx
343-353	7.9/10	8/10	362-363															
353-363	8.6/10	1.4/10	Serpentinitic 363-367 367-382 light greenish gray Weakly banded fragmental flow?															
363-373	9.1/10	4.2/10	378-382 auto bx 382 - chert frags in chloritic Mtx upper contact 80° Chlorite decreasing Mtx becoming black Fragments of Qtz															
373-383	7.9/10	1.2/10	Whole section ends @ 393 393-394.5 Mottled light gray and white highly fractured volcanic?															
383-393	6/10	0/10	394.5-403 Weakly serpentinitic layered rock with chert sections Minor Qtz Argillite banding?															

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PHOENIX GOLD RESOURCES

300
310
320
330
340
350
360
370
380
390
400

322
Hematite
328
338
Bx's
Baked
346 Zone
Blue Bx

±

fss

HOLE # 96 GH 6-C

DATE

ANGLE -45°

BEARING S DEVEL

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staph	Alcaton	Pico-lith	Au	Ag	Notes
400	393-403	6.1/10	.8/10	End of hole	401 2.3% units layers				T ↓							
410																
420																
430																
440																
450																
460																
470																
480																
490																

410
420
430
440
450
460
470
480
490
 PAGE 5 of 5
 PHOENIX GOLD RESOURCES

Hole # 96 GH 7-C

DATE Feb 20 /96

ANGLE - 45°

BEARINGS N 45° E DEVEL 453

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Staph	Alk	Aton	Proto-lith	Au	Ag	Notes
10																	
12-13	0.7	0.7	Casing - 30' Olive brown to gray gravel, float, flow bx, clay gouges, Serpentinitic flow,														
13-23	4.0/10	0/10	30-33 Layered black aphanitic flow bx lithic frags 30° I														
23-33	5.1/10	0/10	33-37 Hornblend porphyry chlorite after Hornblend														
33-43	9.1/10	1.7/10	37-38 Sheared Hornblend porphyry														
43-53	5.5/10	1.5/10	38-84' Mottled greenish gray gray-white layered rock ± cherty interbeds Hornblend porphyry Andesite Abundant clay Highly altered and sheared Angillite.														
53-63	4.3/10	0/10	84-103' Black graphitic Angillaceous chert?														
63-73	1/10	0/10															
73-83	5.5/10	0/10															
83-93	6.6/10	0/10															
93-103	2.0/10	0/10															

PAGE OF

PHOENIX GOLD RESOURCES

Casing

Float -13'

Broken Rubble Shear Zone!

Clay gouge

30-33'
7+ to 2%

48'
7+ to 61% Units

chlorite patches Qtz

88' Graphitic

Hole # 96 GH 7-C

DATE Feb 20/96

ANGLE -95°

BEARINGS N45E

DEVEL 453

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	Po	Mag	Py	Cpy	Stroph	AlteActon	Proto-Lith	Au	Ag	Notes
93-103	2.0/10	0/10	103-113 Pale greenish gray aphanitic andesite. Cherty banding @ 112' Flow?	T++ 103'								graphitic -103				
103-113	9.2/10	5.5/10	113-119 Dark gray & pale green layering. Layered? banded? Serpentinite. Alteration graphitic. Banding 350°L	103' 1 to 2% Valets												
113-123	8.9/10	0/10	119-127 light olive gray banded volcanic? & chert bands. Aphanitic	113' ↑								Serpentinite -113				
123-133	7.7/10	0/10	127-139 Dark gray to light gray banded & volcanic Serpentinite & qtz patches & interbeds	122.5 3% 125' T++								Chloritic -127				
133-143	8.7/10	1/10	139-148 Pale greenish gray andesitic dike? sill? Relic Hornblend? Feldspn?													
143-153	9.1/10	1.2/10	148-154 light gray highly frac volcanic bx and layered qtz chlorite bedded sediment after Argillite. Predom. Fracturing // L.	-142 T++ to 2%												
153-163	8.9/10	0/10	154-158 light gray andesitic dike? sill? Relic Hornblend													
163-173	9.2/10	2.6/10	158-163 light gray to olive green banded chlorite qtz sediment Argillite?													
173-183	9.2/10	3.6/10	163-170 Grayish brown Aphanitic highly frac volcanic? Intermediate volcanic No obvious fabric. Frac 60-90°L	-158 T 160 T++ 3% patches Valets diss						162.5 ↑						
183-193	9.5/10	5.9/10	170-182.5 Dark brown white banded volcanic. fabric 5-15°L Weakly Serpentinite													
193-203	9/10	3.3/10	180-183 Bleached silt bx pyritic													
			183-184.5 Altered contact & dark gray intrusive.													
			184.5-211 light gray equal granular aphanitic volcanic & Hornblend Phenos Andesite													
			Contact @ 211' 10°L Flow? No chilled margins							186' T 182' T 180' T						

FACE OF

PHENIX GOLD RESOURCES

Highly Fractured

graphitic
-103
Serpentinite
-113
Chloritic
-127
-139
Abundant
limonitic
stain on
-154 face

Hematite
-163
-170

Hole # 96 GH 7-C

DATE Feb 20 / 96

ANGLE - 45°

BEARINGS N45° E

DEVEL 453

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alteration	Proto-lith	Am	Ag	Notes
193-203	9/10	3/10	211-245 olive green to light gray banded by highly frac chlorite Qtz layered rock. Argillite	T++ to 3% patches v. lds diss					T							
203-213	9.6/10	6.1/10	245-251 Pyritic chert Highly frac Ungssy Auto by Banding in Argillite 450°	-212 T++					-211							-211 Graphitic Argillite
213-223	6.6/10	.8/10	251- Qtz chlorite Graphitic layered rock. Some deformation 90° ⊥. Micro folds // ⊥													
223-233	3.5/10	0/10	Where recognizable the rock is as above. Qtz chlorite layered rock. Protolith was black argillite?								Highly frac Sandstone Rubble					
233-243	2/10	0/10														
243-251	1/8	0/8		-245 T					-245 patches -246 v. lds to 3%							-245
251-256	1.5/5	0/5														
256-263	6.9	2/10							-258 T							
263-272	5/10	0/10							-244							
272-277	3/5	1/5														
277-284	4/7	0/7							-280 T							
284-291	5/7	0/7							-281 T							
291-298	5/7	0/7							-287 T							
298-303	3/5?	0/5							-288 T							

PHOENIX GOLD RESOURCES

SHEAR

HOLE # 96 GH 7-C

DATE Feb 20 196

ANGLE - 45

BEARINGS N45E

DEVEL 453

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Shist	Alk	Acton	Proto-Lith	Au	Ag	Notes
298-303	3/5?	0/5															
303-313	5/10?	0/10									SHEAR						
313-321	4.5/8?	0/8															
321-330	6/9?	0/9															
330-335	3/5	0/5															
335-339	2.7/4	0/4	339-348 Serpentinitic														
339-349	8/10	0/10	348-362 Light gray aphanitic Dense Volcanic? elastic sediment? ± T Py. contact @ 362 is irregular														
349-353	3.7/4	2.1/4	362-385 Olive green to white Volcanic bx? Sanded Qtz chlorite? Argillite? ± interbedded chert bx aphanitic volcanics and Sanded zones.														
353-363	7.5/10	1/10															
363-368	4.5/5?	0/5															
368-375	5.5/8	0/8	385-412 Dark green salmon pink crystallites? Aphanitic texture ± phaneritic texture 393-398 grading to aphanitic texture Trace Py throughout.														
375-383	6.9/8	2.1/8															
383-393	6/10	0/10															
393-403	6.5/10	0.8/10															

PHOENIX GOLD RESOURCES

SHEAR

Qtz Chloride Calcite

347 5-10% Peds cavity filling Un Voids Frag. containing 30%

348 T

362

387 3-5% frac filling Un Voids

314 clay

305

V 339

Hole # 96 GH 7-C

DATE Feb 20/96

ANGLE -45°

BEARINGS N45E DEVEL

453'

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	Pg	Cpy	Stroph	AlkAltn	Proto-lith	Au	Ag	Notes
393-403	6.5/10	.8/10	Dioritic to 412'	3-5% fine fillings units Un												
403-413	7/10	0/10	412-425 massive banded {Qtz Qtz Chlorite} Gouge Aphanitic rock frags ± flow banding //L								SHEAR Rubble	Qtz chlorite Calcite				
413-423	2.5/10	0/10	425-428 light grayish green aphanitic Calcite laced Intermediate Volcanic Intrusive? lower contact 90°L Bx Calcite appears to fill discontinuous gash Un. Shows internal lineations 30°L													
423-433	6/10	.9/10	428-433 light to dk brown bx fine tight banding? layering? 45°L Abundant micro Chevron folding Protolith Sediment probably Argillite	429 Un. 7-10% 428 Un. 1-2% 435 Un. v. lts 7++								Hematite Calcite				
433-443	8/10	0/10														
443-447	3/10	0/10														
447-453	4/10	0/10														
			End of Hole													

PHOENIX GOLD RESOURCES

Hole # 96 GH 8-C

DATE Feb 21/96

ANGLE -45

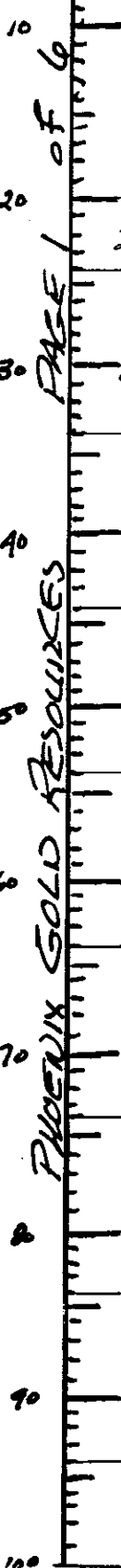
North BEARINGS #360° DEVEL 514

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Shist	Alkation	Proto-lith	Au	Ag	Notes
0-20																
20-24	3.5/A	0/A	20-39' Cr Pheno andesite? Light gray andesite & Relic Hornblond Phenos?	2-5% Un frac fillings												
24-34	9/10	2.1/10	38-39' Bx Contact irregular 15°L 39-62 light brownish gray Highly frac Fine Pheno Andesite? Bx 59.5-62' Chloritic Mt. in Bx. Frac 70°L													
34-44	8.7/10	2.6/10	White feldspar in Green Hornblond Phenos?													
44-54	9.1/10	3.1/10	62-79' Brownish gray & Abundant Cr Hornblond Phenos. Calcite Talc Py Uvlets. Frac 5-60°L													
54-64	9.5/10	4.8/10	79-80 f 80-90 light reddish brown Thinly banded Highly frac. Volcanic? Weakly serpt. Protolith intermediate Tuff Banding Thin. Little chert inter beds?	55 T 58												
64-74	8.3/10	1.4/10	90-93 SAA Serpt.													
74-84	8.6/10	0/10	93-104 light greenish gray Completely frac. Weakly Banded volcanic? Aphanitic Tight folds? Flow banding? Clay gouge and sanding													
84-94	9.7/10	.5/10	104- Black argillite & inter bedded chert 104-107 Dark gray chert	84 T												
94-104	7.2/10	0/10	107-112 Cr banded bx Bands 45°L	94 T												

PAGE 1 OF 6

PHOENIX GOLD RESOURCES

Casing



Calcite
Chert
Pyrites
Silic

30
33
35
36

39'
70
71

57'
Trace

52
53
54
55
56
57
58

62 5?

73

75'
Calcite
Silic
Hematite

80 f?
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

99
Rubble
Highly
Fr
Ch
Sanding

90
Chlorite
Sanding
Ungo

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mag	Py	Cpy	Structure	Alteration	Prob- Lith	Au	Ag	Notes
94-104	1/10?	0/10	112-141.5 Block graphitic Argillite & chert interbeds and Qtz patches. Minor Chlorite	T ↓ -104 5-10% Fract Qtz Chlorite -107 -108							↓ -104	↓ -104 Silt & Calcite ↓ -107 Qtz Chloritic Attention				
104-114	7.9/10	1.4/10	141.5-143 Thinly banded dark gray chert Bands 45° L	-110 T												
114-124	7.2/10	0/10	147-149 Frac // L Slickensides nearly right angles L							-115 116 T ↓						
124-134	7.1/10	0/10	151-163 Dark gray chert & Argillite partings Abundant graphite. Frac + band // L													
134-142	6/8	0/8	163-167 Light and pale green fragmental Argillite. Possible flow banding? 50-60° L													
142-149	4.5/7	0/7	167-171 Chert light to dark gray Chloritic partings 40-50° L	-141.5 -143 20% T20 T40								-141.5 -143 Silt ↓ -143 Silt ↓				
149-154	3.2/5	0/5	171- Greenstone Relic Hornblend Augite Pheno? Andesite													
154-163	6/9	0/9	Dark gray to green Highly frac. Calcite Magnetite enriched with epidote Velets and frac fillings. Bx 196-197. 202-205'. Where fabric observable 20-5° L. Zones of incorp lithic frag fabric No particular orientation													
163-173	7.5/10	1.4/10														
173-183	9.1/10	5.9/10														
183-193	9.7/10	5.3/10														
193-203	9.1/10	4.7/10														

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PHOENIX GOLD RESOURCES

190

HOLE #

DATE

ANGLE - 45

BEARINGS 360

DEVEL 514

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mg	P ₂	Cpy	Structure	Alteration	Prob- Lith	Au	Ag	Notes
193-203	9.1/10	9.7/10	Same as above	4-7% Frac filling unlets patches	-201 T++ ↓ -205 T++ to 5%			1-3%			/	-205 silif Calcite Epidote Chlorite Calcite Epidote along fract.				
203-213	9.2/10	7.1/10		-210 T++ to 2% Frac filling unlets							/	Prop...				
213-223	8.9/10	4.4/10		-220 3-5% Unlets Frac filling patches							/					
223-234	9.1/10	9.7/10									/	-225 -226 silif				Permissive silif -225 -226 is gray color.
234-244	9.5/10	1.1/10									/					Hematite & dark silica
244-251	6/7	1.2/7	260.5-261.5 Dioritic dike or sill								/					
251-261	9.5/10	6.5/10	278-290 Same as above Agglomeritic texture Rounded frags Bx? Pyroclastic?	-252 4-7% diss unlets un patches							✓					
261-264	3/3	0/3	300-301 Frac // Hematitic stain													
264-274	9.3/10	4.8/10		-264 T++ ↓ -270 -271 10% un fract								-263 Hematite coats frac diss				
274-283	7.4/9	0/9		5-10% un frac filling								-274 silica -276 side				
283-291	6.2/8	1.7/8		-283 T++ ↓ -290 3-5% un frac filling unlets								-283 f bl -288 Quartz				
291-301	8/10	0/10										-292 by sand -294 Hematite				

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PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mag	Py	Cpy	Slph	Alk	Alk	Prho-lith	Au	Ag	Notes
300			Same as above														
301-308	6.1/7	9/7	Andesitic	301 1.1% 6.1/7%	↑			310 1.3%									
308-312	3/4	0/4	338-348 Hematitic flowbands														
312-317	3.8/5	7/5	Bands 45°														
317-324	6.5/7	1.9/7															
324-334	9.3/10	4.4/10															
334-344	9.5/10	2.3/10		336 3-7% U.lets In diss				333 1.2%									
344-354	9.6/10	5.2/10															
354-364	9.2/10	3.2/10							357								
364-374	8.1/10	2.1/10															
374-384	8.9/10	1.1/10															
384-394	8.8/10	2.5/10															
394-404	9.2/10	2.2/10	395 Contact 302 Dark green non magnetic massive to weakly banded Volcanic? andesite?														

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PHOENIX GOLD RESOURCES

400

307 f
307 Hematite
Abundant Chlorite
Rubble
317 f
317 Chlorite
Calcite
Epidote
along frac
330
Abundant
Hematite
348
357 gauge
3mm zone
Propylitic
Silt

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	Cpy	Structure	Alkation	Prob-Lith	Au	Ag	Notes	
394-404	9.2/10	2.2/10	400-404 Qtz and Chlorite Green white banded weakly bedded 60°L. Argillaceous chert														
404-414	9/10	1/10	404-409 light gray Highly frac bx chert & minor chloritic partings 409-418 Thinly banded chert light grey. Argill. partings														
414-424	8.7/10	0/10	418-421 Light greenish gray Qtzite														
424-434	8.3/10	6/10	421-439 Cherty argillite. Green to gray to black. Argillite? Highly contorted 430-434. Graphitic 427-439														
434-444	1/10	0/10	439-453 Olive gray to white cherty argillite 453-454 f														
444-454	7/10	0/10	454-456 Siliceous contact between cherty argillite and dike. Dike is light grayish green. Jacite? Diss Py trace. Aphanitic. Pink Feldspar?														
454-464	8/10	0/10	456-464 Light gray dacite														
464-474	8.6/10	0/10	464-473 Cherty argillite light grayish green. Partings 60°L 473-488 Pale gray dacite dike. 488-514 cherty argillite.														
474-484	9.2/10	2.3/10															
484-492	9/6	0/6															
492-499	5.3/7	0/7															

PAGE 5 of 6
PHOENIX GOLD RESOURCES

100' TH to 590' frac filling voids

400 T
412 T
435 T
454 T
490 T

402 Otzelite
405
438
439 br
440 Rubble
Slaken sides
453 f
454 f
456 f
Rubble
464 f
473 T
488 Rubble
492

425 graphite
Sif
Chlorite
456
Minor Chlorite
464
Chlorite
Qtz
473
T Chlorite
488
Qtz
Minor Graphite

HOLE # 96 GH 8-C

DATE

ANGLE - 45

BEARINGS 360

DEVEL 514

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	Pg	Cpy	Structure	Alkation	Procto-lith	An	Ag	Notes		
500 499-504	4 5/6	1/3	↓	↑	↑				↑ ↓									
510 504-514	9/10	0/10																

520
 PHOENIX GOLD RESOURCES
 PAGE 6 OF 6

507 TH
508

512 Chlorited

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	Py	Py	cpy	Structure	Alteration	Prob- Lith	Au	Ag	Notes	
10											143.6 m					
12-13		0/1	12-32								Plan 101.5m					
13-23	7/10	0/10	Grayish brown Highly frac. Aphanitic. Intermediate flow Relic flow banding 30-35° L Limonite on fracs. Uuggy. Bleaching ± Py Uuggy. Chlorite Calcite Pyrite Assoc.	3-5% Unlets On frac filling							Abundant limonite on fracs					
23-32	7.1/9	0/9	31' Flow becomes br white + lavender Qtz. Frac // L 31-32! Hematite eyes													
32-38	4.7/6	0/6	32-38 Light orange brown br. Qtz frags Bleached volcanic flow fracs Relic flow banding Streamed Qtz. Lower contact 45° L contains diss Py TAsPy?	32-35' 7-10 frac filling diss							30 silt 32 Feox 33 sillic 34 hematite 35 limonite Spotty Silt Abundant Hematite Calcite Pink Epidote Zircon?					
38-43	4.5/5	0/5	35-53' light grayish brown Highly frac. Aphanitic Intermediate flow. Flow band vary 30-45° L. Sections auto br. Zircon? @ 42-5'													
43-52	7.7/9	1.4/9	53-62 Contact @ 50° L Same flow Highly frac Uuggy. Lavender + white Qtz. Uuggy along fracs. Chloritic.													
52-62	9/10	3.3/10	62-74 S. AA. Decreasing Chlorite Inc Calcite Hematite Flow banding // L-30° L Waddy banded.													
62-70	7.4/8	2.5/8	74-77 Bx ± epidote Abundant Epidote													
70-73	2.2/3	0/3	77-177 Grayish brown Highly frac. Intermediate flow ± abundant Calcite + Hematite Patches epidote Garnet? Skorn Minor Silic Minor Qtz Un Py ± skarnification and Calcite Chlorite Unlets.													
73-83	9.1/10	.7/10	Weak flow banding? 30° L Frac 45-15° L													
83-93	7.7/10	0/10														
93-103	9.5/10	5.9/10														

PAGE OF PHOENIX GOLD RESOURCES

Casing ↓

Rubble ↓

32 Asp un dentif
35 un dentif
me ballie

93 ↑?

90 by
91 by
92 by
93 by

Hole # 96 GH 100C

DATE Feb 25/96

ANGLE - 45°

BEARINGS

DEPTH

Depth	Rec	R9	Description	Calcite	Epidote	Garnet	PO ₄	MAG	P ₂	cpy	Structure	AlkAltn	Prob- Lith	Au	Ag	Notes
93-103	9.5/10	5.9/10	108-112.5 Dark green aphanitic dike ± Hematite eyes Relic Feldspar? Pinkish looking Relic Feldspar dacite?	5-7%												
103-112	7.5/9	1.8/9	127-129 Fabric 5-10% Slickensite S?													
112-118	5.3/6	0/6	143-177 Abundant Hematite eyes and staining.													
118-123	5/5	1/5														
123-133	9.2/10	2.9/10														
133-143	7.1/10	.6/10														
143-153	9/10	8/10														
153-163	8.9/10	4.4/10														
163-173	9.1/10	6.2/10	177-217 Same as above													
173-183	9.1/10	5.9/10	Dark green aphanitic dacite volcanic. Microclites (Salmuncolor) after KSpn? Matrix Hornblnd? Qtz eyes Rhyodacite?													
183-193	9.6/10	2.9/10														
193-203	8.9/10	0/10														

120 OF FACE

150 PHOENIX GOLD RESOURCES

130

120

-109 T
-112.5
7-10% patches frac filling on Velets

-118.5 T?
-119.5

-109 10%
-112.5

-114 5%
-114.5
T++
-118.5
-119.5
-121
-122
T

-124 T++
-125

-130 T++
-133

-128 Slickenside
-129 S?
Chloritic
Slips
Abundant Hematite

-143 by

-148
-149

-153

-163 T

-157 T++
-158
T
-163
-165 T++
-166 T
T

-177

-173.5 T++
-177

-170
Minor
Auto by

-177
-177 45°
Chlorite
Calcite
Epidote
Calcite
Hematite
on frac

-193 T++
-195
T

-192

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₂	Mag	Py	Cpy	Shistose	Alk. Alt.	BEARINGS			Notes
													Prho-Lith	Au	Ag	
193-203	8.9/10	9/10	205 Salmon pink microlites	2-3% valts	T++		T++ 203'		T							
203-213	8.7/10	1.2/10		208 } 3% Calcite							208 Calcite Unid.					
213-223	1.3/10	0/10	217-251 Dense aphanitic light and dark green banded rock Highly frac. Partings 30°L Aligned lithic frags. Probably lithic Tuff.								211 Rubble Fill	217 Chlorite Epidote Argillic Alt Calcite				
223-233	8.7/10	1.5/10		220 T++					223 T++ 226							
233-243	9.5/10	0/10									236 237 Fill					
243-253	9.1/10	3.0/10	251- mottled dark gray to black and green. Aphanitic. Highly frac. Weakly banded? Dacitic flow? Abundant Hematite Relic lith frags? Possible Salmon Pink Microlites after feldspar? Rare Relic Hornblend Pheno?	247.5 1-2%							243 T++	241 } Abundant 243 } Silice				
253-263	8.2/10	0/10		251 10% dross Fracturing							253 Fill 254	253 } Gt 253 } Unid 254 } Qtz 255 } Silice				
263-273	8.9/10	0/10	261-262 Auto by z black calcite chlorite Hornblend matr plagioclase phenos. Abundant Py in Mtx along fracs and frags. 277-279: Brittle Py along slicken side surfaces along z Calcite and Hematite.	264 3-5% patches valts Fracturing	260 T 263 T++						260 262 263 264 265 T	260 Bleach 260.5 263 267 Bleaching Chlorite inc. Calcite				
273-283	8.4/10	1.3/10										277 brittle 278 279 278 Hematite on face				
283-293	8.7/10	1.1/10	Same as above Becoming more andesitic? Inc. Rare Relic Hornblend Pheno?													
293-303	9.3/10	5.7/10	Minor Hematite and chlorite along fracs													

PAGE OF PHOENIX GOLD RESOURCES

Hole # 96 GH 10-C

DATE Feb 25/96

ANGLE

BEARINGS

DEVEL

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	MAG	Py	Cpy	Sphalerite	Alk. Acton	BEARINGS			Notes
													Prho-lith	Am	Ag	
293-303	9.3/10	5/10	Weakly Serpt 441 - Trace Hematite throughout.	3.5%	T			1-2%	T							
303-313	9/10	2.7/10	Frac. 35-40° L Minor vertical Qtz Unlets and assoc. Fracs.													
313-320	6.4/7	0/7	Rare Relic banding 324-328 15-30° L.													
320-328	7.5/8	2.3/8														
328-334	5.2/6	9/6	Same as above with frac and authy inc & depth to 401'													
334-341	5.5/7	0/7														
341-345	3.3/A	9/A														
345-353	7.8/8	2.9/8														
353-363	9.1/10	3.5/10														
363-373	9.2/10	2.1/10														
373-383	8.1/10	0/10														
383-393	9.0/10	4.4/10														
393-403	9.2/10	7/10														

PAGE OF

PHENIX GOLD RESOURCES

Calcite
Calcite
Hematite
on
Frac

324
T
328
T

363
1-3%

390
5-10%

HOLE # 96 GA 10-C

DATE Feb 29 / 96

ANGLE

BEARINGS

DEVEL

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	Py	Mag	Py	Cpy	Structure	Alk. Acton	BEARINGS			Notes
													Pick- Lith	Am	Ag	
406 493-403	9.2/10	.1/10	401-411 Basal bx chert frags. Dark green volcanic frags. Pale green volcanic frags? Layered frags argillite? All in chloritic mtx. Relic flow banding? 60-70° L. Contact @ 411-70° L Basal Auto bx ± Qtz carbonate Mtx	5-10%				1-2%				Chlorite Calcite Hematite on frags.				
410 403-412	8.3/9	4.9/9	411-421 Green chloritic mtx ± knots of Qtz. mtx also chloritic sanded and clay rich. Competent Qtz 416-417													
420 412-421	6.8/9	.7/9	421-438 Pale grayish green aphanitic highly frac sanded and clay rich volcanic? ± cherty argillite partings or beds. Altered to mainly chlorite and Qtz													
430 421-428	4.2/7	0/7	438-444 Volcanic pebbles in structureless chloritic sandy mtx. Minor chert pebbles													
440 428-438	2/10	0/10	444-448 Dark green layered clastic consisting of sanded chloritic mtx and chert bands													
450 438-443	2.9/5	0/5	448-454 light gray to white contorted & frac chert Inc. chloritic partings to 464'													
460 443-453	7.3/10	0/10	464-471 Dark gray to black highly frac. weakly friable black argillite ± sandy chloritic bands													
470 453-463	2/10	.7/10														
480 463-471	1/8	0/8														

PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mg	Py	Cpy	Slush	Alteration	Prob- Lth	Au	Ag	Notes
	1/13	0/13	Casing	↑↑ to 170					↑		Rubble? Flint?	Silif Chloritic slips				
13-23	9.3/10	2.9/10	0-44' Dark grayish brown Highly frac Aphanitic flow Flow banding 18-22' 5-10°L 25-26' 5-10°L Hematite eyes 22-23' Argillic alteration. Deep orange red amorphous minerals & Py 28-29'						20 ↑↑							
23-33	8.6/10	5/10	29-32 Flowbanding 0-5°L 32-33 Flowbanding 35-40°L 33-34 Flow bx 2 contorted flow banding.						28 ↑							25 Not 27 Hematite?
33-43	8.2/10	1.7/10	34-44 SAA bx open vugs Frac 11L Bleaching limonitic stain. Micro crystalline skarnification Relic flow banding variable!						33 ↑↑ to 34		37 gauge vugs	33 Chloritic 34 Silif limonitic stain on frac.				
43-53	9.5/10	3.9/10	44-46 Bx dark siliceous Mtx Bleached lithic frags. Abundant Py 46-51.5 Siliceous amphibolite Skarn pods of silif. Py. Deep orange red mineral. Arsenic? Mercury? Magnesite mtx. Co. bronze	44 3-5%					40 1-2% diss 44 5-7%		42 gauge 43 vugs	44 bleaching weak stain Silif				
53-63	9.7/10	2.6/10	51.5-61 Dark gray weakly banded intermed. aphanitic flow. Hematite patches. limonitic stain along frac. local chloritic Qtz chlorite. Alteration bands. Black siliceous frag in chloritic Mtx						51.5 ↑			51.5 Silif Chloritic				
63-73	7.5/10	1.4/10	61-77 Light to dark green aphanitic andesite & relic Hornblend? Phenos. Weak flow banding fabric. Minor Hematitic stain.						57 ↑↑ to 58		61 Fr. by 62 Stick 64 vugs 66	59 Chlorite limonite Minor Hematite vugs				
73-83	9.2/10	3.6/10	77-86 Dark brown to Salmon pink Highly frac bx & bleached volcanic frags. Dark green Mtx & Relic banding? 20°L Abundant Py.						63 ↑		71 vugs 73 Frags					
83-93	9/10	4.5/10	86- Dark brown aphanitic intermed. flow Hematite rich. local sections thin tight	86 1-2% vugs frac filling					77 5%							82 T 83 Realgar
93-103	8.8/10	3.7/10							85 ↑↑			86 bleached calcite Hematitic vugs and calcite				

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PHOENIX GOLD RESOURCES

HOLE # 96 GH 11-C

DATE Feb 26/96

ANGLE - 60

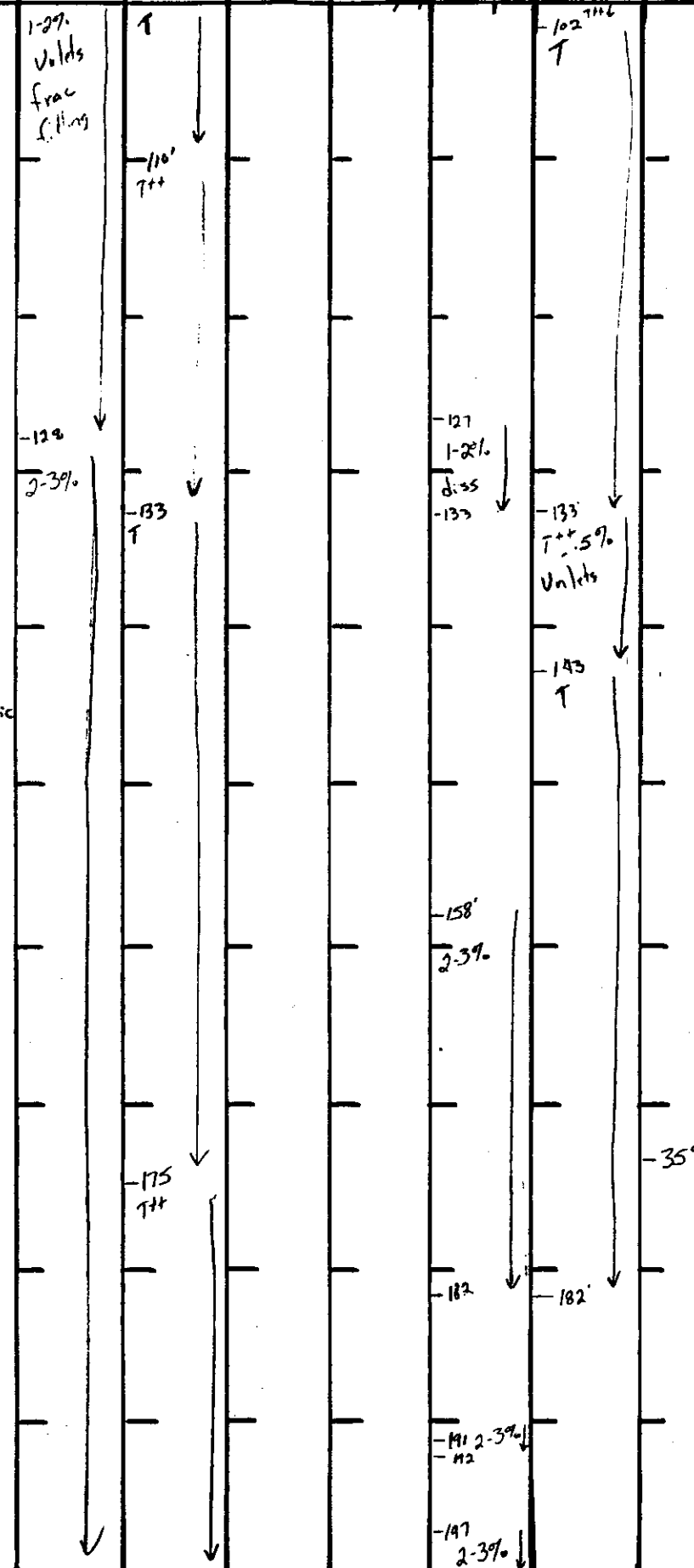
BEARING N 245° E DEVEL 283

Depth	Rec	RQ	Description	Calcite	epidote	Garnet	PO	Mag	Pg	cpy	Structure	Alteration	Proto-Lith	Au	Ag	Notes
93-103	8.8/10	3.7/10	banding @ 110'													
103-113	8.9/10	1.2/10	Banding 119-122 @ 11° General banding to 133' is 30-40° 133-142' Rock is highly frac. Abundant Calcite Veinlets 142-143.5 Uuggy by Pyritic f zone.	1-2% Voids frac filling												
113-123	9.4/10	3.5/10	143.5-158 Some dark brown aphanitic Hematite rich flow & mod silif.													
123-133	9.2/10	5.3/10	158-173 Brown & mottled light green transition zone Highly frac. Variable Mag & fracs @ 60° and 15° Flow banding 11° 170-172'	-128 2-3%												
133-143	8.7/10	3.7/10	173- Pale to dark green aphanitic, weakly banded aphanitic porphyritic Andesite?													
143-153	8.3/10	2.6/10	187-190 Aphanitic porphyritic & Salmon pink feldspars? 194-195 SAA.													
153-163	8.6/10	2.7/10	177-178 Magnetite is aligned @ ≈ 5-15°													
163-173	8.9/10	7.3/10														
173-183	8.7/10	4.3/10														
183-193	9.5/10	7.5/10														
193-203	8.7/10	3.9/10														

FACE

PHOENIX GOLD RESOURCES

100
110
120
130
140
150
160
170
180
190
200



110' Abundant Chloritic Hematite

133 Hematite Calcite Proliferous Silif

142-143.5 f

143.5 f

158'

175

182

191 2-3%

197 2-3%

-35°

Hole # 96 GH 11-C

DATE Feb 26 196

ANGLE -60°

BEARINGS N 45°E DEVEL 283'

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mag	Py	Cpy	Structure	Alteration	Pseudo-lith	Au	Ag	Notes
200-203	8.7/10	3.7/10	200-201 Weak flow banding 200° Possible relic Hornblends 205-214	2-3%	T++			2-3%	203 T++ 204 bands T							
203-213	9.1/10	2.9/10	Hematitic stain along fracs 204-220 Hematite Calcite Py along fracs.									Chlorite Magnetite Propylitic				
213-223	9/10	1.4/10	220-253 SAA. Flow bands 45° Fracturing 5° and 70°						217 on 218 slicks 2 hematite							
223-233	8.7/10	3.6/10	253-257 SAA Flow bands 10°	222 T++ t.1%												
233-243	8.8/10	1.7/10	257-273 Brittle Fracs 5° and 10° 50° and 60° slicks									Chlorite in fracs				
243-253	9.3/10	1.1/10	273-283 SAA Bx Pyritic Baked Relic flow banding? 25° Lavender Qtz Veining? 281-281.5 Bx Mn calcite Py Chlorite.													
253-263	8.3/10	1.8/10		258 2-3% 261 1-2%	257 T				257 5% 259							
263-273	8.2/10	0/10									263 Rubble -1/1					
273-283	9/10	5.5/10		275 2-3% diss v.lets	273 T++ t.1%				273 275 277 3-5% diss			chloritic clay 277 Silf bleaching 281 282				lavender Qtz

200
210
220
230
240
250
260
270
280
290
300
 FACE
 PHOENIX GOLD RESOURCES

HOLE # 96 GH 12-C

DATE Feb 27/96

ANGLE -45°

BEARING N 45° E DEVEL 256

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	Po	Mag	Py	Cpy	Stroph	Alk	Alston	Picko-lth	Au	Ag	Notes
10																	
13-23	6.9/10	0/10	Dark gray ± dark brown banding highly frac Ugggy Hematite enriched Weak flow banding @ 20-40° ⊥ Patches and Unlets Calcite local br Calcite mtr Minor Chlorite														Highly frac 14 Ugggy slightly argillie Minor bleedng diverse Hematite Limonite chlorite slips
23-33	8.1/10	1/10	Increasing @ 70-73'														
33-43	8.1/10	0/10	73-83 Dark green ± brown flow banding SAA? Flow banding @ 73-75' 5° ⊥ Flow banding @ 20' 45° ⊥ Hematite staining 82-83'														
43-53	6/10	0/10	83-157 SAA.														
53-63	8.3/10	1/10	Dark brown Light gray to greenish gray intermed. flow ± weak relic flow banding varying from 5-50° ⊥.														
63-73	8/10	0/10	83-93 Highly frac limonitic stained Ugggy. 99-99.5' - Qtz Un														
73-83	8/10	1/10	99-101 Propylitic 102-103 Rubble 108-112 Frac. Flow banding 5° ⊥														
83-93	8/10	0/10															
93-103	7.8/10	0/10															

PHOENIX GOLD RESOURCES

Casing
Fluct

Highly frac
14
Ugggy
slightly argillie
Minor bleedng
diverse
Hematite
Limonite
chlorite
slips

-33 f gauge
-33.5 f gauge

-54 m
-50 gauge

-71 br
-73' High
2.00
Rubble
84

-73' Chlorite
Calcite
Magnesite
Propylitic
Hematite on
Slips 20-21

-73
1-0°

-82
T

-90
T

-93
1

-98
2-3%

-98
3-5%

Depth	Rec	R9	Description	Calcite	Epidote	Garnet	Po ₂	Mg	Py	Cpy	Shistosity	Alteration	Proto-lith	Am	Ag	Notes	
93-103	7.6/10	0/10	118-120 Rubble Banding 10° L	3-5%					T		Highly frac Rubble by	Weakly Silty Hematitic					
103-113	8/10	0/10	125-129 Banding and Frac 10° L	Uncl. Calcite diss								Calcite Chlorite Minor Epidote					
113-123	8.1/10	2.9/10	129-138 Inc epidote alteration chlorite on slips Rock fabric varies 10-45° L 138-143 f	112-115	112-115												
123-133	7.9/10	0/10	143-157 Flow bending variable 15-60° L	120-125													
133-143	7/10	0/10		132-133													
143-153	8.9/10	4.7/10	157-162' Mottled pale gray dark green Hydrothermal bx = abundant Py. Heterolithic by Mtr Chlorite Calcite. Dark mineral = abundant Py throughout. T+ orange red amorphous mineral.	148-150													real? mineral?
153-163	9.5/10	4.3/10	162-163 Back into brown flow SAA 83-157'	157													
163-173	9.3/10	3.1/10	163-164 Same as 162-163 = increasing Py and epidote 164-164.5 Same as 157-162	162-164.5													
173-183	9.3/10	6.1/10	164.5-200 Same as 83-157' = sections of propylitic alteration	167-171													
183-193	9.4/10	4.5/10		178													
193-203	9.3/10	3.3/10		184													

FACE OF

PHOENIX GOLD RESOURCES

real? mineral?

157? real?

Cont 452

Hole # 96 GH

12-C

DATE Feb 27/9

ANGLE -45°

BEARINGS N 45° E DEVEL 256

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mg	Pg	Cpy	Shistose	AlkAltn	Proto-Lith	Au	Ag	Notes	
193-203	9.3/10	3.3/10	200-201 Lithic Tuff? Bx?	Tt to 1% -203	Tt to 1.5% -203			-202.5 1%	-202.5 Tt to 2%		-202.5 -203 Bx -205 T Tt-29.5 -208						
203-213	9.5/10	1.8/10	201-223 Similar flow 83-157 light gray to light brownish gray Thinly banded 80° 202-203' Injection bx? 203.5-208' Auto frags in chloritic Pyritic Mtx	2-4% Fracs Sillings Patches infrs diss							-214 -214 -214						
213-223	9.1/10	1.7/10	208-223 Same as 83-157' Less chlorite than above Flow banding 80-90° Red orange mineral @ 220'		-214			-217'									
223-230	5.3/1	1.2/1	Same as 83-157' Contact is bx.		-223 T							-223 chlorite Epidote Qtz Patches Weakly Propylitic					
230-233	2.4/3	0/3	223-251 Dark green aphanitic Volcanic = relic Hornblend Phenos? and Salmon pink microlites Andesitic?						-228 T								
233-241	6.5/8	.7/8	230-233 Patches lavender Qtz Sanding along fracs.						-233 2-3%								
241-246	4/5	0/5	Bx @ 233 Bx @ 238 Lithic frags + silic @ 239' Bx and fracs // 242-246' Qtz chlorite bx @ 251'						-247'		-238 R.ble -244 -245 gonge -246.5 -247 f						
246-256	6.7/10	0/10	251-252 light gray diorite? = Calcite after feldspar Abundant fine chloritic Hornblends + Qtz. Aphanitic Mtx dacite?	-248 T	-248												
252-256			252 - EOH f gonge									-252 f gonge					

PAGE OF
236
24
260
270
PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mg	P ₂	Cpy	Staph	Alk	Alk	Proto-lith	Au	Ag	Notes
0-10			Casing														
10-15	3.9/5	.9/5	10-17 Greenish gray highly frac locally by hematitic stained volcanic	2-3% disc													
15-25	8.2/10	0/10	17-30 Parted light and dark green reddish brown interbed flow = light thin flow banding? Parting fracs 70°L														
25-35	9/10	2.3/10	30-41 SFA Light grayish brown flow = contorted banding														
35-45	8.8/10	4.5/10	41-59 Light to dark grayish brown highly frac. granitic flow SFA = abundant calcite and Qtz Unites.	37-57% disc													
45-55	8.2/10	1.1/10	59-74 SFA Chloritic alteration to 60° Hematitic to 65.5	45% disc													
55-65	9.6/10	0/10	65.5-72 Predominantly chlorite epidote calcite + pyrite.	3-5% disc													
65-75	9.2/10	3.2/10	72-74 SFA Dec. Chlorite highly frac. Becoming Hematitic @ 74'	71% disc													
75-85	8.7/10	1.2/10	74-86 SFA Dark grayish brown Hematitic flow Br and contorted 77-78 Chlorite on slips.	60-65% disc													
85-95	8.3/10	3.0/10	86-105 Mottled dark grayish brown and light green highly frac. locally by Volcanic flow Chlorite increasing with depth flow banding predominantly 10-15°L	71% disc													
95-105	7.3/5	2.8/5	Br frags include andesitic volcanics and dark brown volcanic flow. Relic flow banding? @ 104.8° 45°L Zone 86-105 may represent upper part	95% disc													

PAGE 1 OF 2

PHOENIX GOLD RESOURCES

Flow
Juss
-17
-19
-29
-30
-41
-45
-59
-61
-69
-74
-77
-78
-93
-98

17
33
41
45
59
61
71
75
77
78
93
98

2-3%
disc
37-57%
disc
45%
3-5%
disc
60-65%
disc
71%
disc
95%
disc

10-17 Greenish gray highly frac locally by hematitic stained volcanic
17-30 Parted light and dark green reddish brown interbed flow = light thin flow banding? Parting fracs 70°L
30-41 SFA Light grayish brown flow = contorted banding
41-59 Light to dark grayish brown highly frac. granitic flow SFA = abundant calcite and Qtz Unites.
59-74 SFA Chloritic alteration to 60° Hematitic to 65.5
65.5-72 Predominantly chlorite epidote calcite + pyrite.
72-74 SFA Dec. Chlorite highly frac. Becoming Hematitic @ 74'
74-86 SFA Dark grayish brown Hematitic flow Br and contorted 77-78 Chlorite on slips.
86-105 Mottled dark grayish brown and light green highly frac. locally by Volcanic flow Chlorite increasing with depth flow banding predominantly 10-15°L
Br frags include andesitic volcanics and dark brown volcanic flow. Relic flow banding? @ 104.8° 45°L
Zone 86-105 may represent upper part

3.9/5
8.2/10
9/10
8.8/10
8.2/10
9.6/10
9.2/10
8.7/10
8.3/10
7.3/5

.9/5
0/10
2.3/10
4.5/10
1.1/10
0/10
3.2/10
1.2/10
3.0/10
2.8/5

0
10
20
30
40
50
60
70
80
90

HOLE # 96 GH 13-C

DATE Feb 27/96

ANGLE -80

BEARING N 45 E DVEL

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	MAG	Py	Cpy	Structure	Alkation	Prob-Lith	Am	Ag	Notes	
100	95-105	7.3/5	2.8/5	of transition between upper brown volcanic flow and andesitic greenstone below	5% ↓ 1/2 ↓ 7.1 ↓						Fract ↓ -101 ↓ -103 Fract ↓ -104 S ↓						
110																	
120																	
140																	
160																	
170																	

100
110
120
140
160
170
PAGE 2 OF 2
PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epilite	Garnet	PO ₄	Mag	Py	Cpy	Stibicon	AlkAlun	Proto-lith	Au	Ag	Notes
0-10																
10-13			12-18 Dark gray flow? Rubble													
13-23	1.5/10	0/10	18-43 Brownish gray aphanitic Weakly banded Intermed flow Flow bands vary 10°L - 30°L	71+ 24% frac filling Un-lets	↑ along frac											Limonite stain along frac
23-33	8.6/10	1.9/10	limonitic staining & Calcite Orange mineral? & Calcite Hematitic banding and eyes													
33-43	7.2/10	0/10	43-48' Mtx supported int to 47'. Banded olive gray to brown rock to 48' Hydrothermal bx? Abundant Py. Banding 50°L													
43-53	7.0/10	1.1/10	48-60 Grayish brown Weakly banded Highly frac intermed? flow. Abundant Calcite Hematite													
53-63	9.1/10	3.9/10	60-69 Maroon aphanitic volcanic bx and lithic to 69' Pyroclastic bx? bx lithic Tuff?	51' 59% 57'												
63-72	6.3/9	.7/9	68.5-69f 69-71 bx Salmon pink to rose fragments in Qtz Chlorite? Calcite Mtx. Hematite eyes	60' T												
72-77	4.6/5	0/5	71-84 Mix of Grayish brown bx intermed flow Light gray green aphanitic volcanic & salmon pink microlites? becoming more chloritic greenish and auggy andesitic?	66' 59% 71' T-T ⁺⁺	69' T ⁺⁺											
77-83	4.8/5	0/5		78' 1-3% 80' T ⁺⁺	72' T											
83-93	7.5/10	0/10	84-150 Light reddish gray to pale gray Weakly banded aphanitic flow & localized bx thin pyroclastic zones chloritic and Hematitic alteration Highly altered pyritized bx sections 127-128. 129-130 146-147													
93-103	9/10	3/10		82' 2-3%												

PAGE OF PHOENIX GOLD RESOURCES

Limonite stain along frac
 -20' Hematite Calcite
 -43' by Silf
 -45' clay m. Calcite
 -48' bx Hematite
 Minor Argillitic Alteration
 Thin Sections Silf
 -63 Hematitic bx
 -63 gauge
 -64 gravel
 -69 bleached chloritic
 -71 silf
 -71 clay
 -71 silf
 -75 Jags
 -75 Hematite
 Limonite stain on Fracs
 -82
 -83 f
 -83 Vuggy
 -87 silf
 -88
 -91
 -93 Hematite
 Calcite
 Minor Silf

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₂	Mag	Py	Cpy	Stibite	Alkation	Prob- lith	Au	Ag	Notes
93-103	9/10	3/10	Dense fracturing & attendant Py and Salmon pink alteration throughout	2-3% ↓	↑			102' 2% ↓								
103-113	8.8/10	1.5/10	Fracs vary from //L to 40°L Intermed flow?	3-4% ↓ disg Unlets patern												
113-123	8.8/10	3.2/10	Highest Py conc. & Salmon pink grass green hydrothermal by zones													
123-133	9/10	.7/10	150- Grass green to pale brown gray Andesitic lithic Tuff and by to 188'													
133-141	6.5/8	.9/8	188-214 Grayish brown aphanitic Highly frac. Intermed? volcanic flow and flow by & significant sections of chlorite epidote calcite alterations.	5-7% ↓ frac Un Unlets patern				130' 1% ↓	125' ↓ 120' ↓ TH -5% patern							
141-150	4.5/9	.7/9	Py & more altered sections frac pattern 40-50°L													
150-153	2/3	0/3														
153-162	6/9	1.9/9														
162-172	8.9/10	5.9/10														
172-181	8.4/9	4.6/9														
181-183	1.7/2	0/2														
183-193	9.2/10	0/10														
193-200	6.7/7	0/7														

PHOENIX GOLD RESOURCES

FACE

PHOENIX GOLD RESOURCES

FACE

FACE

126 Granitic
127 patches
128 bleached
chlorite
129
130
131
132
133
Hematite
calcite
Qtz
Muscovite
K-feldspar
150 by
fracturing
blues
154
154
Chlorite
calcite
Py
Epidote
160 clotted
160
160 fracturing

188'
Hematite
chlorite
Calcite
Epidote

Hole # 96 GH 1A-C

DATE Feb 28 196

ANGLE -45°

BEARINGS N45°E DEVEL 223

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	Mag	Pg	Cpy	Stibite	Alkalin	Pico- lith	Au	Ag	Notes		
200-207	6.2/7	2/7	214-223 Grayish white pale green to black. Mainly rubite consisting of chert or Qtz frags. Green volcanic andesite lack few rock frags or Qtz in black argillite mtg.	-201 -203 5-7%	↑		↑	T++ to 1%	-201 T++			Minor Silt						
207-213	5.3/6	2.7/6											-206 be clay -207 soil					
213-223	7.1/10	0/10			-211 ↑			-211	-211	-211			-211 Silt Chlorite Graphite					
PHOENIX GOLD RESOURCES																		

200
210
220
230
240
250
260
270
280
PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₂	mag	Pg	cpy	Stroct	Alcaton	Proto-lith	Au	Ag	Notes
0																
10-13	2.3/3	0/3	10-13 Dark grayish brown weakly banded. Highly frac. Intermed flow Aphanitic Flow	1.2%								Highly frac	Hematite Calcite Weakly Silif Minor Epidote			
13-23	8.2/10	0/10	banding varying 10°-45° Frac 11L 14-16' 40-41'													
23-33	6.4/10	0/10	46-47' Fracs 45° Hematite on frac in Chlorite sections Hematite Calcite on fracs in Hematite Calcite alteration													
33-43	9.5/10	1.9/10														
43-53	8.3/10	9/10														
53-63	9.1/10	1/10														
63-73	8.9/10	2/10														
73-83	9.7/10	3.5/10														
83-93	8.4/10	0/10														
93-103	8.1/10	1.5/10														

PAGE

PHENIX GOLD RESOURCES

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Frac pattern 0-15° 93-95
Predominant flow banding 40°
Rubble by

HOLE # 96 GH 15-C

DATE Feb 28/96

ANGLE -80

BEARINGS N45°E

DEVEL 143

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₂	MAG	Py	Cpy	Stibio	AlkAtm	Prob-Lith	Au	Ag	Notes
93-103	8 1/10	13/10										Hematite Calcite Weakly Siltif Minor Epidote				
103-113	9.2/10	1.2/10	Rubble by slickenside 115-118 119-120 Calcite Chlorite alteration Minor Qtz 123'-130					-107 2" band 10%			No Jugosi					
113-123	8 1/10	1/10	Chlorite Hematite banding 133-134' Also Lithic frags. Contact? 60°L 134' f					-120 T ⁺ 1-2%			-121 (cong) -122 slides	-121 Abundant Chlorite				
123-133	8.3/10	0/10	134-143 Grass green pyritic andesite? & Salmon pink microclites Hornblond Phenos? Chlorite.T Py. Massive					-129 ↓ -133.5 T ⁺ 1-2% diss Valets				-130				
133-143	8.2/10	0/10	Weak layered fabric to the rock. Predom frac pattern 150° and 0°L.					-134 ↓ -141 1-2% ↓			-134 ↓ -141	-134 gouge f Rutile Sanding ↓ -136 Chlorite increases 2 depth				
143-153																
153-163																
163-173																
173-183																
183-193																
193-203																

PAGE OF

PHOENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₄	MAG	Py	Cpy	Sphalerite	Alk. Acton	Pico-Lith	Au	Ag	Notes
0																
10																
20																
30																
40																
48-53	1/5	0/5	48-53 Reground greenstone frags. Light grayish white chert.									Rubble flint	0 0 0			
53-63	2/10	0/10	53-63 Grayish white uuggy. Highly frac by chert. Frags of banded Argillite? and f gouge									-53 Poor Recovery f? gouge	53 silif chlorite			
63-68			63-68 Pale greenish gray greenstone 2 weak layered fabric									-63	63 Chlorite Qtz Talc			
68-68.5			80°± Qtz vein													
68.5-82	6/10	0/0	Banded dark gray to blueish white contorted Argillite 2 Qtz and chlorite banding Tr Pyrite Fabric 70°± Fracs sympathetic @ 70°± Minor frac // ⊥ @ 69° and 75°. Both clay and talc along slips													
73-82	7/9	0/9	82-84 light grayish white uuggy Siliceously replaced? argillite or banded uuggy chert Relic argillite structure apparent 70°±													
82-87	4.7/5	1.1/5	84-91 Black argillite highly contorted. Same as 68.5-82													
87-95	6/8	0/8	91-96 light gray highly frac uuggy chert? 2 diss euhedral Py Qtz veining @ 96°. May be border phase feldspar porphyry													
95-103	7.5/8	0/8														

PAGE 30 of 50
PHENIX GOLD RESOURCES

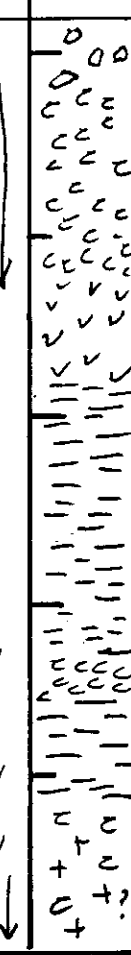
Rubble flint
-53 Poor Recovery
f? gouge
-63

-73' T
-82'

-78 Calcite
un

-95
T++
diss
finely

Silif
53 silif chlorite
63 Chlorite Qtz Talc
82 Silif
85 Chlorite
91 Rubble Chlorite Silica
96 massive Silif Chlorite



Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO ₂	Mag	P _y	Cpy	Stip	Alk	Alk	Prob	Au	Ag	Notes	
95-103	7.5/8	0/8	96-122 light to greenish gray Feldspar Porphyry. Highly frac and Pyritic & small Hornblend Phenos. Trace Biotite? Bright shiny Pyrite. Small feldspar appeared rimmed.	-105 T++ 5%										Massive Silif Chlorite				
103-113	7.1/10	0/10	Small bluish green feldspar. Feldspar porphyry Trachite? Becomes highly altered and bleached 113-122. Less porphyritic as traces of bright green mineral? Very glassy weak fabric 45°	-112 T														
113-123	8.7/10	0/10	Very few phenos 118-122. 122-123 Qtz and chlorite and f. Ingressive meta sediment contact appears to be 45°	-122 T++ 2%										122 Bleached Chloritic Calcite Sand				
123-133	8.2/10	0/10	123-140 Pale greenish gray and white Qtz chlorite banded Argillite & abundant Calcite // to Relic bedding @ 50°	-125 10-30% bands patches														
133-143	8.4/10	9/10	Mks 133-134 Sandal and banding // 139-140 Sanding	-140 T										140 Silif Bleached				
143-153	7.1/10	0/10	140-172 Light gray Highly frac Feldspar Porphyry & Relic Hornblend Abundant diss ufinely: euhedral Py Trachitic? ground mass. Contact @ 72' 60° Pyritic.															
153-163	9.2/10	0/10	172-173 Intrusive and Qtz bx 173-185 Pervasive Silif of Qtz chlorite banded black Argillite 185-209 Black graphitic Argillite Qtz banding Minor Silif Mariposite? Fucite? @ 190' Stikensided f?															
163-173	9/10	1.2/10																
173-183	3/10	0/10																
183-193	7/10	0/10																
193-200	4/7	0/7																

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PHOENIX GOLD RESOURCES

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Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Ry	Cpy	Slight	Alk	Alk	Alk	Pick	Au	Ag	Notes
200-209	1/4	0/4	209-222 Mottled light gray to white Highly frac. Chert? & suture markings Some argillaceous Partings Trace Py.	T					T ↓ -209 T-T++		f	-204	-204 Massive Silf					
204-213	6.8/9	0/9	218-222 reground															
213-218	3.7/5	0/6	222-237 Banded Qtz Chlorite Black argillite Silf Binding Small angles to ⊥ to 229' Becomes 80° ⊥ to 237'	212 T++														
218-222	3/4	0/4	237-246 Pale grayish green aphanitic Volcanic Relic Hornblend Relic feldspar? Andesite? lower contact bx Bleached Calcite Un @ 246'						-222 T Small patches				-222 Qtz chlorite					
222-228	5.3/6	0/6																
228-232	1.5/1	0/4	246-256 Mottled white and black graphitic Argillite Qtz chlorite banding 60° ⊥.															
232-235	2/3	0/3																
235-242	6/7	1/7	256-276 Light brownish gray Feldspar porphyry & Hornblend phenos Trachite? Abundant Py Possible Cpy along fracs @ 268' Abundant Py where altered. Aphanitic decreasing Phenos						-237 ↓ -237.5 T ↓ -244 -246 1-2%				-237 Pervasive Silf					256-76 # 295-31 Abundant highly altered
242-249	6/7	1.2/7	270-276: 273-276 incorp. black argillite? Large crystal development lithic frags 273.2-273.5 & 275-276.5 lithic tuft or rip up frags.	calcite -246 Un									-244 -246 f?					
249-255	4/6	0/6		250 T++ Patches									-249 f?					
255-259	2.7/4	0/4		255 T-1.5%					-256 1-3% diss frac.				-255 Qtz Weakly Argillic Minor chlorite					
259-267	7.5/8	2.3/8	276-280 Pale gray and white. Thinly banded Qtz Chlorite Argillite.															
267-273	5.7/6	1/6	280-281 Feldspar porphyry? Contact @ 280 15° ⊥ Crypto crystalline Mtx Andesitic texture. Contact @ 281 is Qtz vein 50° ⊥															
273-283	7.9/10	0/10		-276					-276 T-T++				-276 Weakly argillic Minor chlorite Peds of Silf					
283-289	1.3/10	0/10	281-289 Pale greenish gray mottled Banded contorted and banded. Silf argillite															
289-293	7.3/10	0/10	289-291 Pale gray bx Feldspar porphyry intrusive & green? hornblend phenos. Upper and lower contacts not observable.	-287 T++														
293-303	5.2/10	0/10	291-303 Mottled pale green gray silica chlorite weakly banded argillite.	-295 30%					-289 T finely -292				-287 f Voggy -292 Qtz chlorite argillic alteration					-293 bleaching

PAGE 3 OF 5

PHENIX GOLD RESOURCES

Depth	Rec	RQ	Description	Calcite	Epidote	Garnet	PO	Mag	Py	cpy	Structure	Alkalin	Proto-lith	Au	Ag	Notes
398-403	5.5/5	0/5	400-403 light gray highly frac Qtz carbonate rich volcano? Pervasive silif 401.5-402 35% layered calcite. 402-402.9	402 30% 403 T	401 T				T		401 400 402 D	401 402 abundant 403 carbonate	✓ ✓ ✓			
403-413	8.9/10	1.4/10	402.9-418 Dark + light gray weakly banded to massive chlorite Qtz argillite. banding & contacts generally 60-70° ⊥. Predominant frac pattern 70° ⊥. Secondary // and 45° ⊥.		412 T++								✓ ✓ ✓			
413-418	4.2/5	1.6/5	412-416 Volcanoclastic. Rounded Qtz Un? Relic bedding 85° ⊥. 414.5 - Qtz Un contact @ 90° ⊥. 416-418 Qtz Un & Py?	417 T++-1%							416 418 D	415 Perovskite 416 Silif 417.5 Qtz Un? 418 silif shining chlorite	✓ ✓ ✓ ✓			
418-423	4.2/5	0/5	418-430 Dark green aphanitic andesite Very chloritic. Weak fabric 80-90° ⊥. Flow? Pink microlites						13% T++-5%			430 Perovskite 430.5 Silif	✓ ✓ ✓ ✓			
423-433	8.9/10	1.6/10	418-430 Dark green aphanitic andesite Very chloritic. Weak fabric 80-90° ⊥. Flow? Pink microlites										✓ ✓ ✓ ✓			
433-443	9.5/10	1.4/10	430-449 Thinly banded Qtz chlorite highly altered cherty argillite. Blood red hematite & orange red mineral as bx frag in Qtz @ 440. Sulphide bearing bx? Qtz Un? @ 443.5. Major f 449-450.	439 3-5%					439 T 443 T-5% 444 Unif. T++-5%			443.4 Qtz Un	✓ ✓ ✓ ✓			
443-450	5.2/7	0/7	450-458 Dark maroon to light gray highly altered hematitic argillite w/ chloritic Mtx supported by minor Py @ 451-453. Fabric 60-80° ⊥. Fracs 80-90° ⊥ and 45° ⊥.	449 T					449 T++-1% 451 T-1%		449 450 451 D 453 D	450 Qtz 451 Hematite Chlorite Epidote Bleaching sericitic 458 Chlorite Qtz	✓ ✓ ✓ ✓ ✓ ✓ ✓			Same as hole #16
450-457	6.3/7	9/7	458-470 S.A.A. decreasing hematite increasing chlorite and cherty interbeds increasing & depth						453.5 T				✓ ✓ ✓ ✓ ✓ ✓ ✓			
457-463	5.9/6	0/6	470-475 Dark mottled high silif frac mafic pyroclastic? mafic lithic Tuff?										✓ ✓ ✓ ✓ ✓ ✓ ✓			
463-470	6/7	0/7	475-478 S.A.A. Highly frac slicks rubble. Fabric? 10° ⊥	467 3-5% 470 T	470 ✓				470 T-T++ 475		470 Shif 470 f	470 Mod Silif Chlorite	✓ ✓ ✓ ✓ ✓ ✓ ✓			
470-476	5/6	0/6	478-485 S.A.A. becoming light greenish gray. increasing fine gr laminated volcanoclastic interbeds. Pyritiz where silif. Becoming aphanitic @ 485	478 3-5% 485 T	478 T-T++						478 Shif 478 Rubble	478 Chlorite Qtz Carbonate	✓ ✓ ✓ ✓ ✓ ✓ ✓			
476-478	2/2	0/2											✓ ✓ ✓ ✓ ✓ ✓ ✓			
478-487	1.9/9	0/9	485-501 Propylitically altered andesite	485 diss units patite					483 T-T++ 485 T-T++				✓ ✓ ✓ ✓ ✓ ✓ ✓			
487-491	3.2/4	0/4											✓ ✓ ✓ ✓ ✓ ✓ ✓			
491-501	9/10	3.9/10	end of hole						501 0% 500 T-T++			490 Chlorite Carbonate Calcite 500 chlorite Silif hematite	✓ ✓ ✓ ✓ ✓ ✓ ✓			

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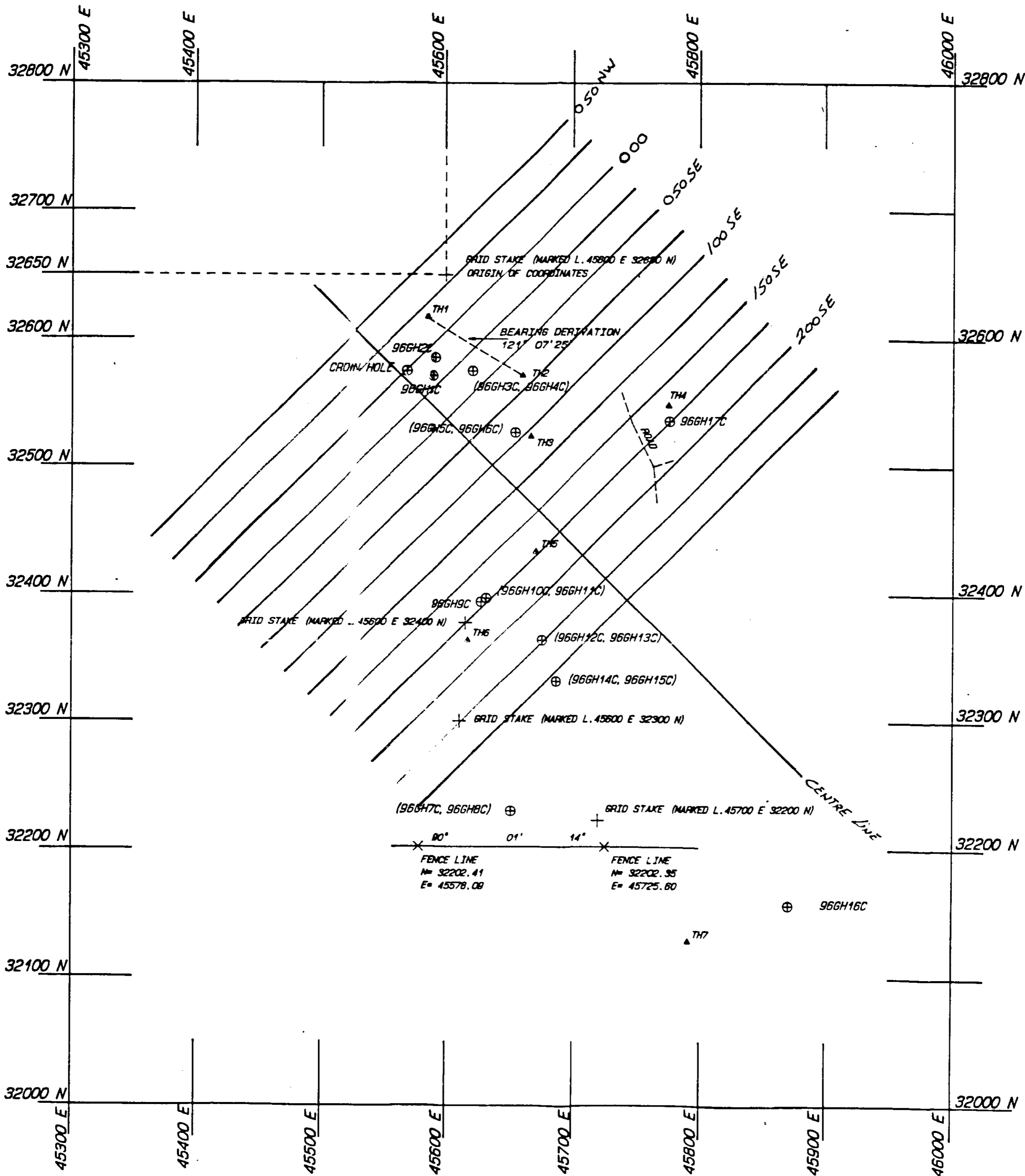
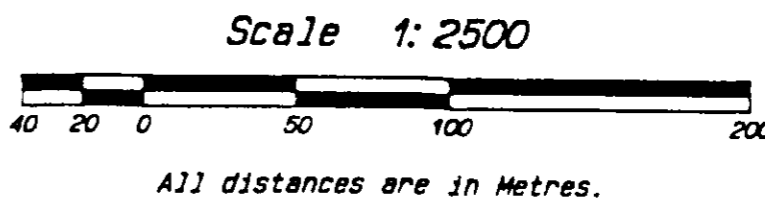
PHOENIX GOLD RESOURCES

APPENDIX G-1
CROSS SECTION LOCATION MAP

SKETCH PLAN SHOWING THE LOCATION AND ELEVATION OF DRILL HOLES AND THE UNDERLYING GRID ON THE ON THE KET 28 AND RM 16 CLAIM AREAS.

PHOENIX GOLD RESOURCES Ltd.

CLIENT: R.E.M. CONSULTANTS
GREENWOOD, B.C.
DATE: APRIL 22, 1996



GRID STAKE	NORTHING	EASTING	ELEVATION
MARKED L. 45800 E 32650 N	32650	45800	1163.21
MARKED L. 45600 E 32400 N	32377.72	45615.57	1218.5
MARKED L. 45600 E 32300 N	32300.76	45610.86	1214.5
MARKED L. 45700 E 32200 N	32223.00	45720.07	1178.3

TRAVERSE STATION	NORTHING	EASTING	ELEVATION
TH1	N 32617.08	E 45584.77	E1. 1171.19
TH2	N 32571.89	E 45630.45	E1. 1176.75
TH3	N 32524.41	E 45685.89	E1. 1185.37
TH4	N 32484.46	E 45774.79	E1. 1180.77
TH5	N 32434.15	E 45869.76	E1. 1208.64
TH6	N 32363.85	E 45817.46	E1. 1210.20
TH7	N 32128.71	E 45780.53	E1. 1178.90

DRILL HOLE #	NORTHING	EASTING	ELEVATION
CROWN HOLE	N 32574.79	E 45568.23	E1. 1169.89
96GH1C	N 32571.25	E 45589.62	E1. 1171.52
96GH2C	N 32585.44	E 45591.49	E1. 1170.23
96GH3C	N 32575.20	E 45621.02	E1. 1173.73
96GH4C	N 32527.91	E 45653.49	E1. 1182.94
96GH5C	N 32390.48	E 45650.57	E1. 1186.64
96GH6C	N 32394.57	E 45627.64	E1. 1214.68
96GH10C	N 32397.57	E 45631.88	E1. 1214.47
96GH11C	N 32364.19	E 45674.45	E1. 1206.48
96GH12C	N 32331.49	E 45685.56	E1. 1203.25
96GH13C	N 32156.66	E 45871.00	E1. 1183.23
96GH16C	N 32536.04	E 45775.91	E1. 1161.16

PENDERGRAFT PROFESSIONAL
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PHONE: 485 - 7127
FAX: 485 - 6676

LEGEND

- ⊕ DENOTES DRILL HOLE LOCATION
- + DENOTES GRID STAKE LOCATION
- TH1 ▲ DENOTES TRAVERSE STATION SET

NOTE: ELEVATIONS ARE IN METRES AND ARE DERIVED FROM TOPOGRAPHIC MAP SHEET B2 E/3 AT THE 1219.20m (4000 ft.) CONTOUR LINE. LONG. = 119° 06' 50" APPROX. AND LAT. = 49° 01' 30" APPROX.

BEARINGS ARE ASTRONOMIC AND DERIVED FROM SOLAR OBSERVATIONS BETWEEN TH1 AND TH2 = 121° 07' 25".

CO-ORDINATE ORIGIN FROM GRID STAKE MARKED L. 45600 E 32650 N

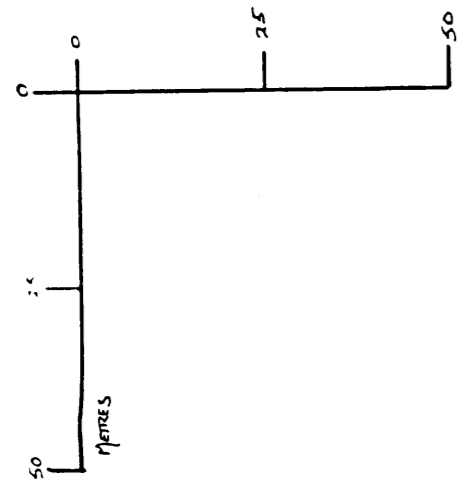
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APPENDIX G-2

CROSS SECTION MAPS

AU=> 0.001

Section Au₃O₃ opt.
Looking Northwest



GEOLOGICAL SURVEY BRANCH
ALBERTA GOVERNMENT

24992

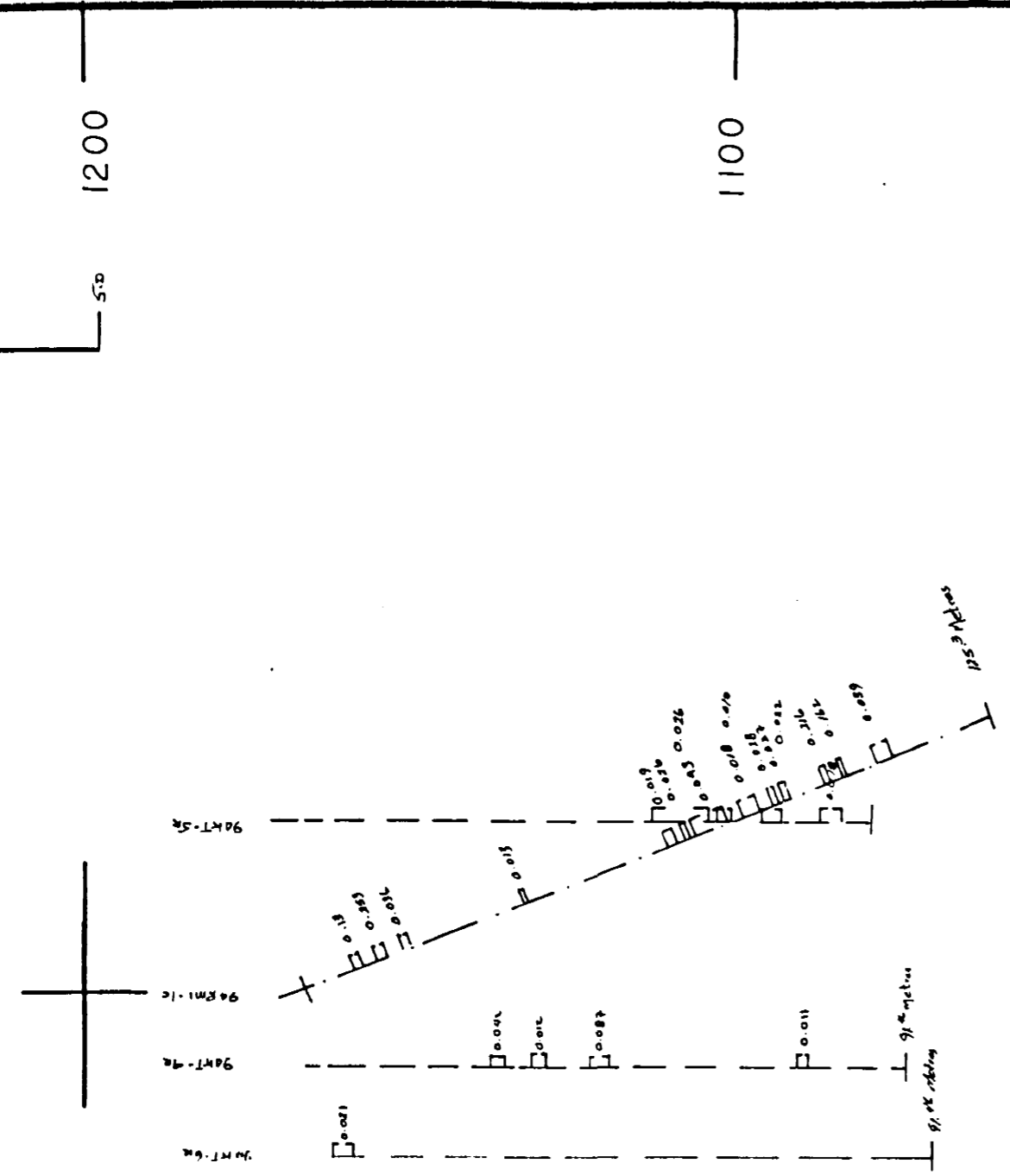
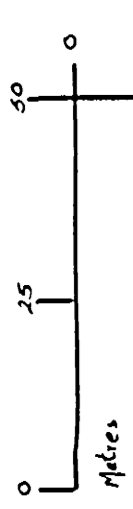
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Sec. 050 NW

M16

Section Au±0.01 opt.
Looking Northwest



Sec. ① 025NW

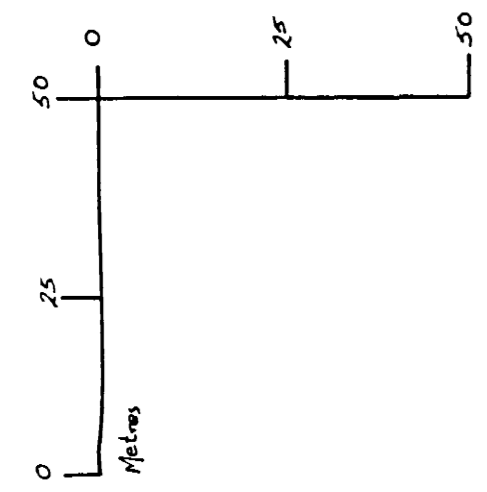
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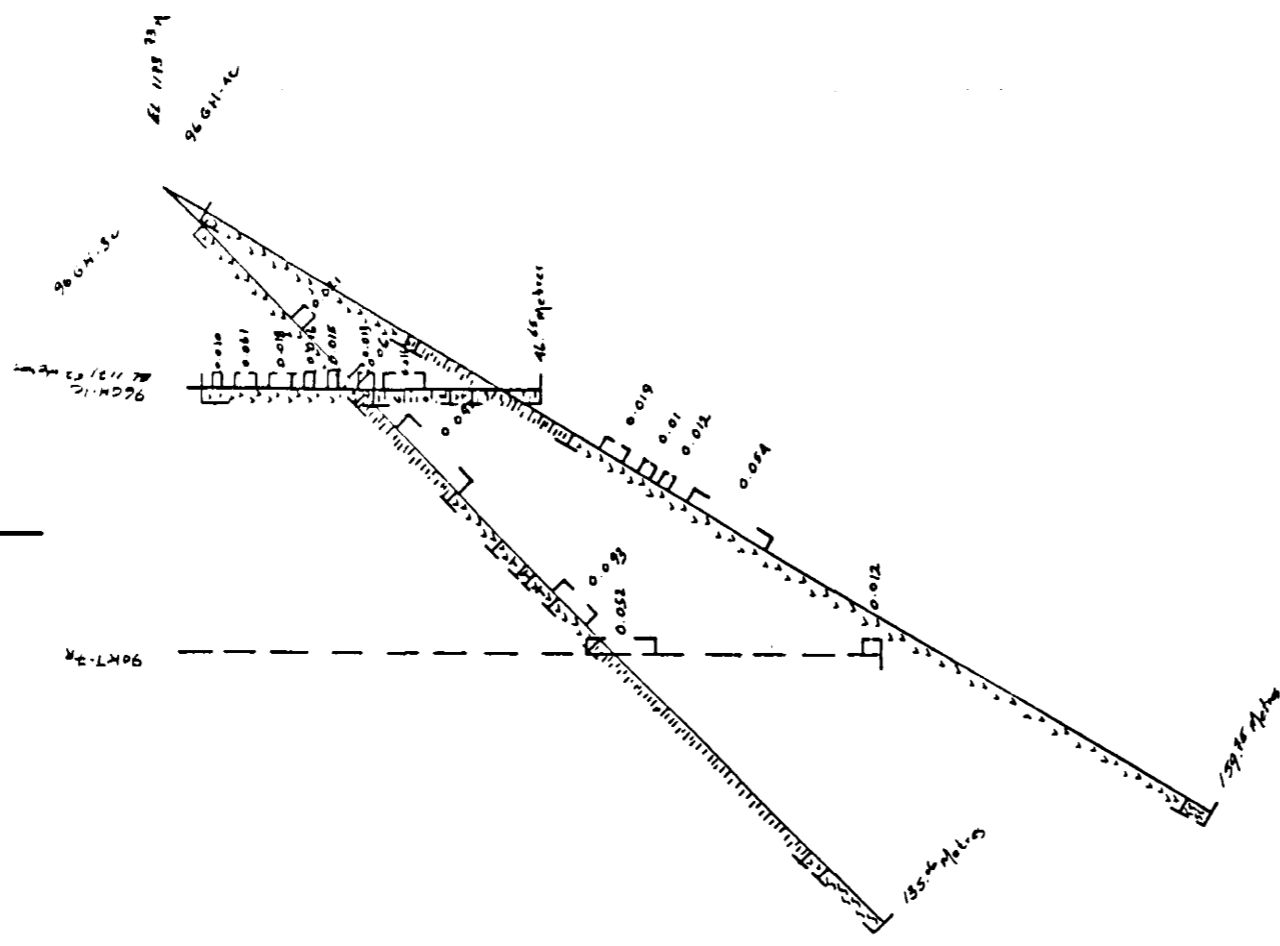
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Section Au₃ 0.01 opt.
Looking Northwest



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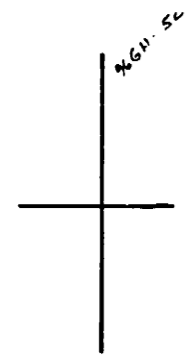
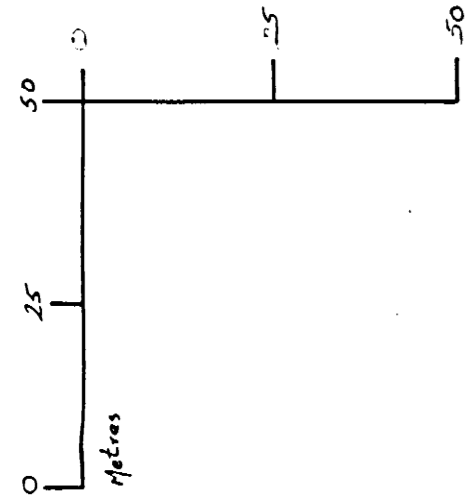
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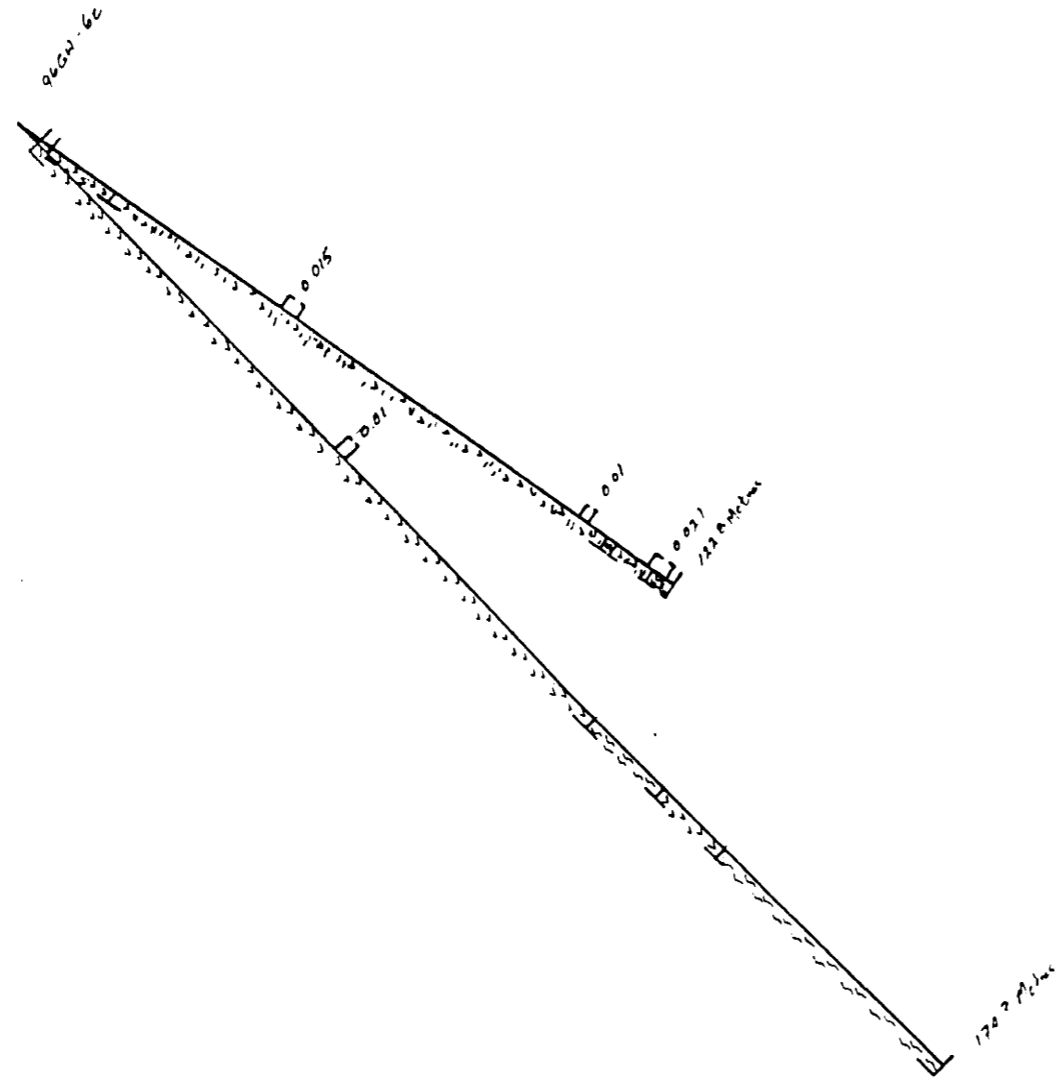
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Section 025SE	RELATIVE PLACEMENT:

Section Au±0.01opt.
Looking Northwest



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Sec 100 SE

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Section 100 SE		ENCLOSURE NUMBER

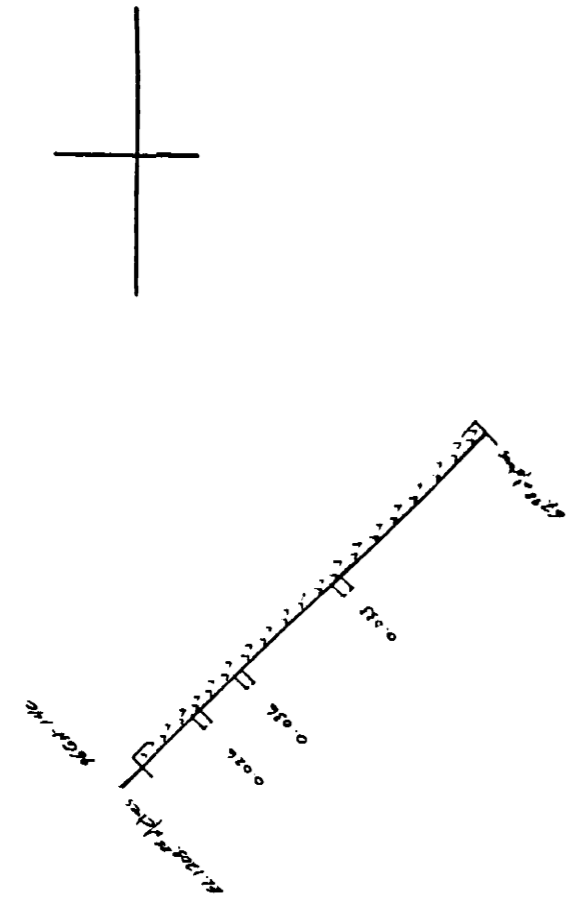
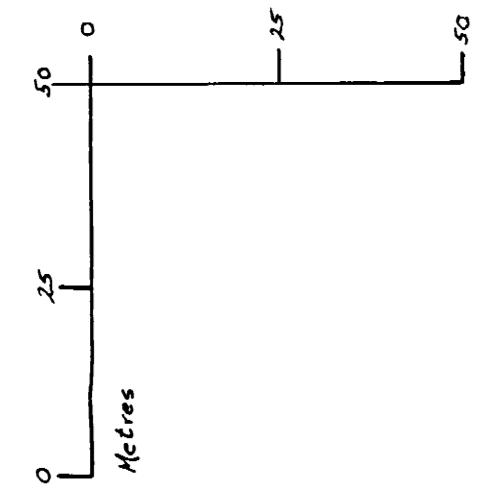
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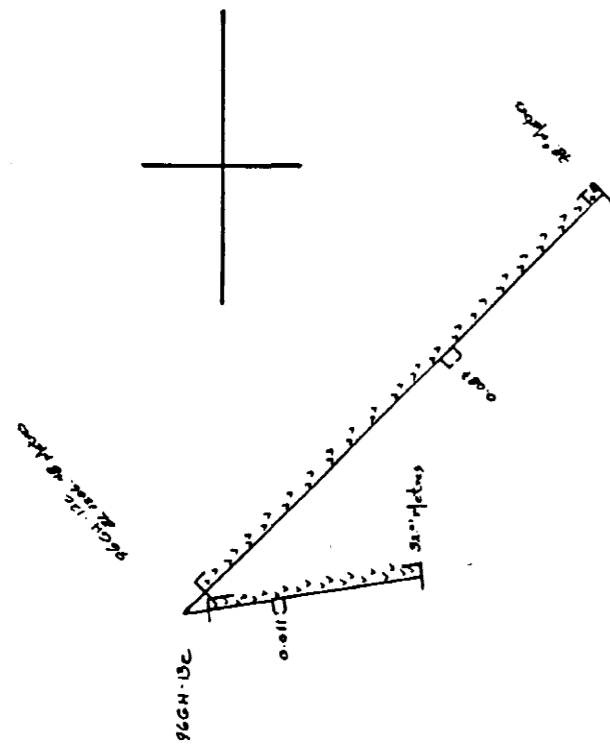
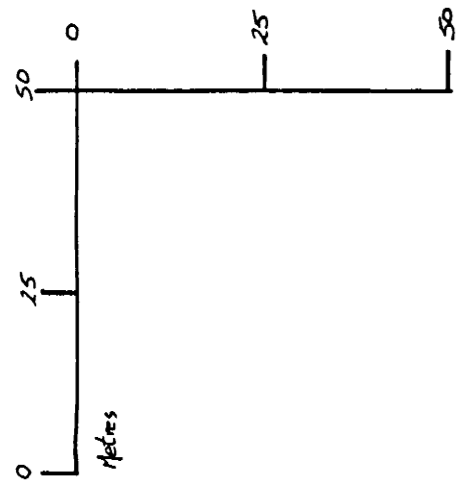


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Looking Northwest

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Section Au±0.01 opt
Looking Northwest



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Sec 225 SE

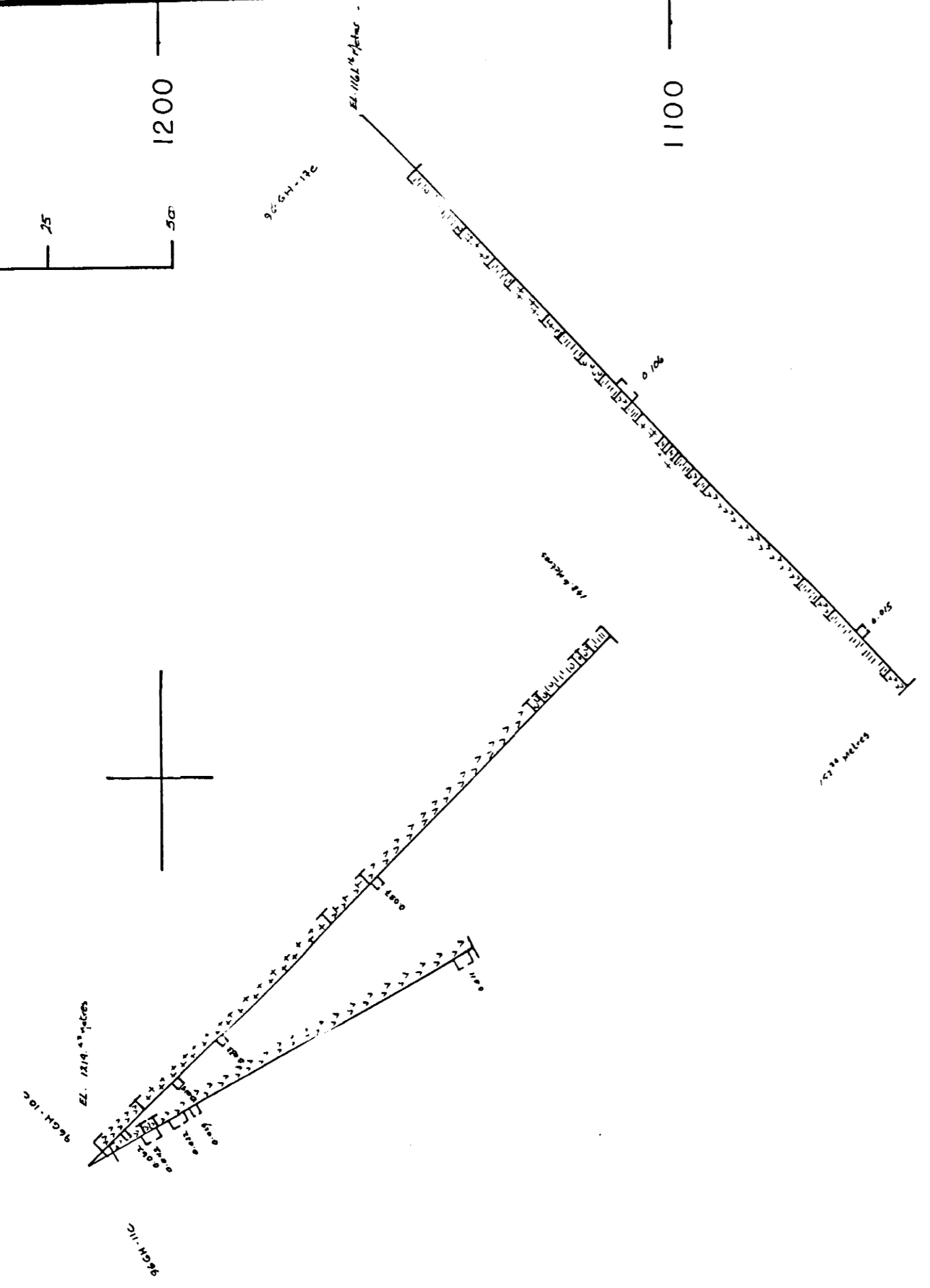
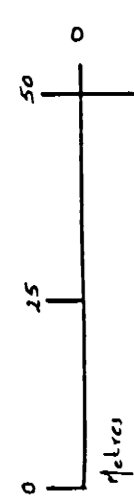
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Looking Northwest



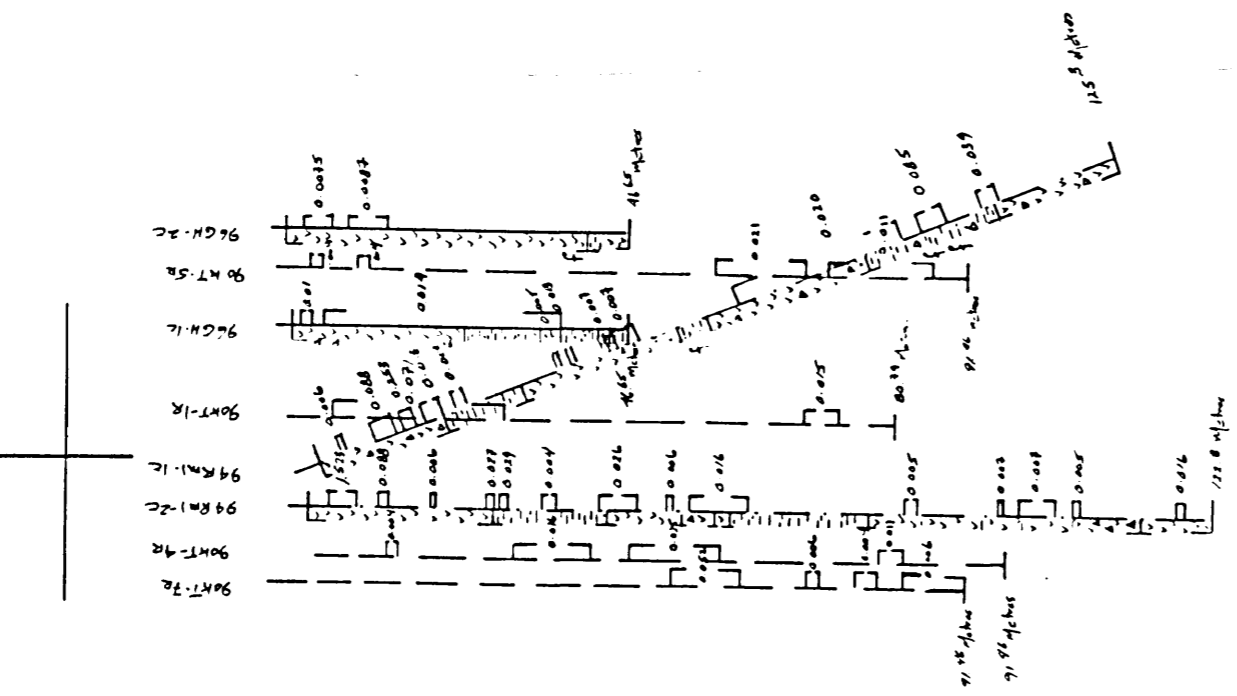
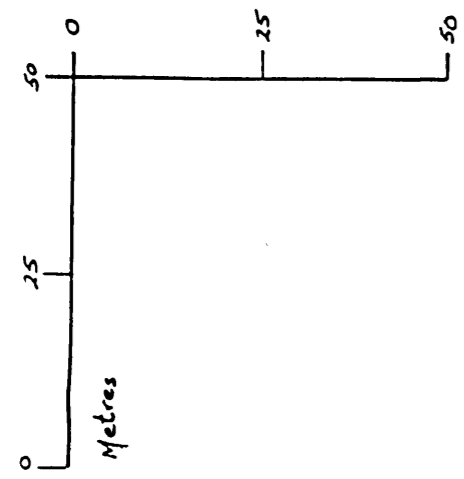
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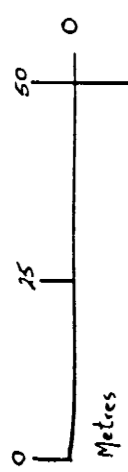
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Section 000	DRAWING NUMBER:



Section Au±0.01 opt.
Looking Northwest



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ASSESSMENT REPORT

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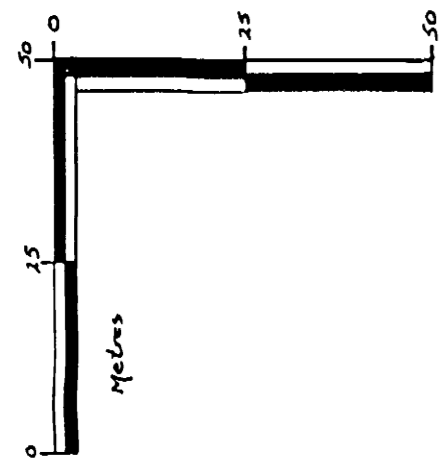
①
Sec 050 SE

103

R.C.G.T. JV	
SCALE: 1:500	APPROVED BY:
DATE: 7/96	REVISION:
RM GROUP, KET-28	
Section 050 SE	

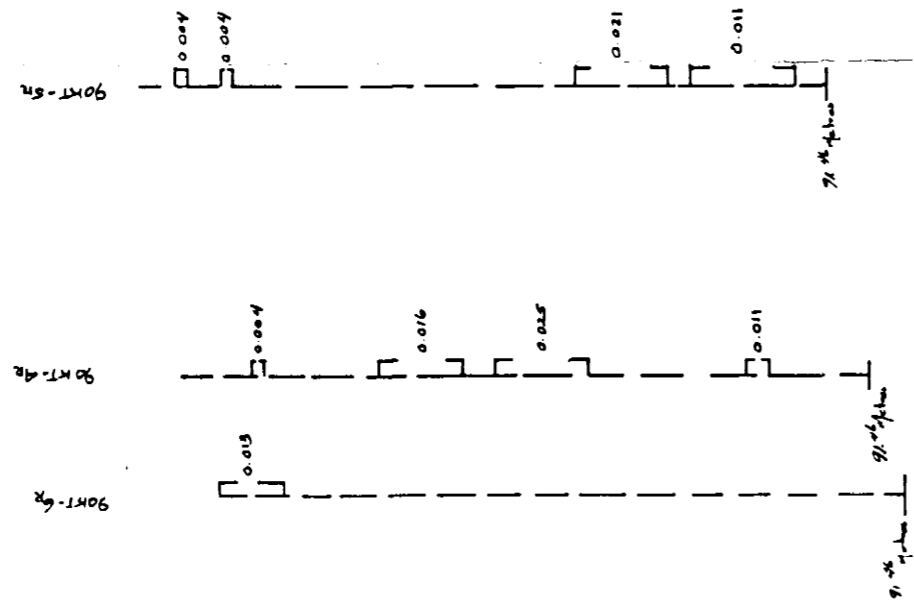
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Geochem Section Au± 0.004 opt.
Looking Northwest



1200

1100



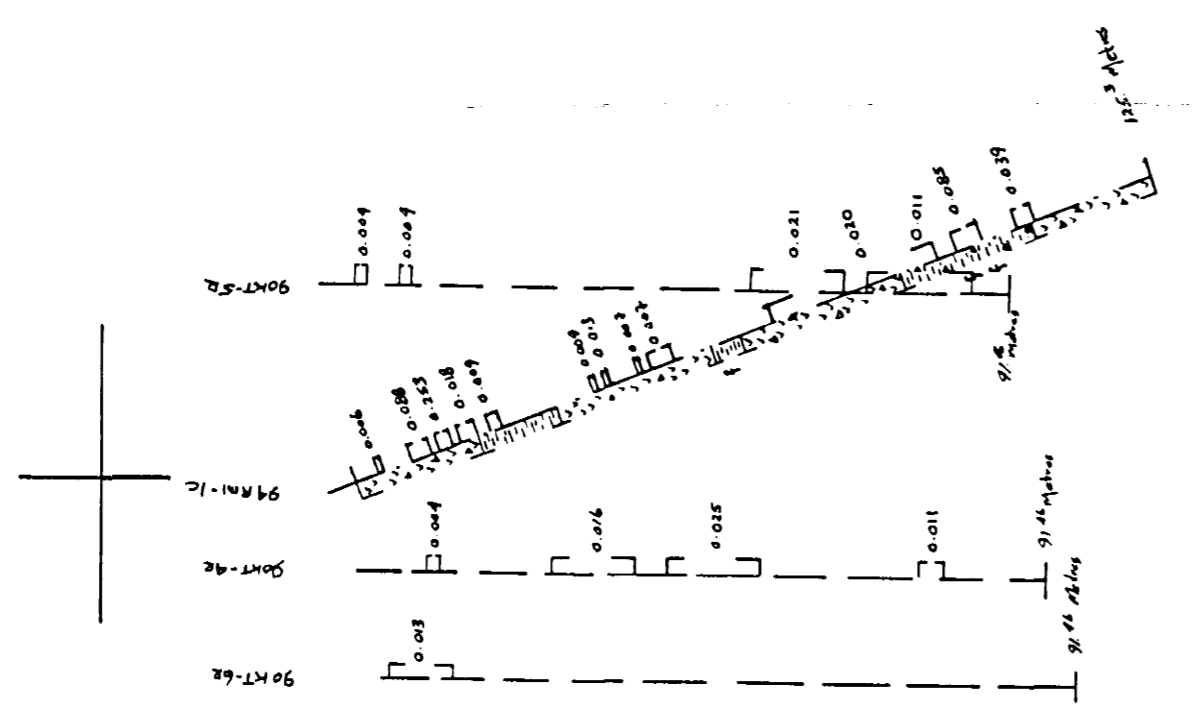
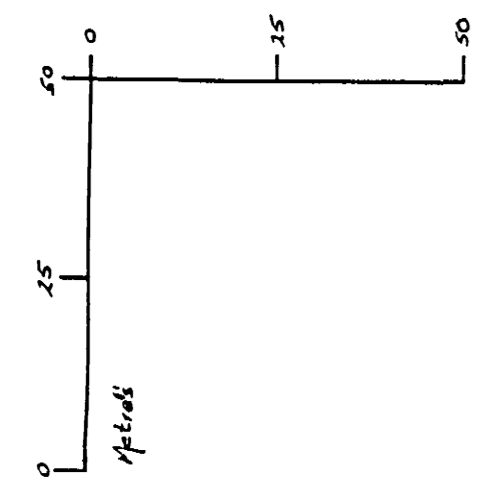
GEOLOGICAL SURVEY BRANCH
CANADIAN DEPARTMENT OF MINES AND TECHNICAL SURVEY

24,992

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Section 050NW		DRAWING NUMBER:	

M25

Geochem Section Au ± 0.004 opt.
Looking Northwest



Sec 025 NW

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24,992

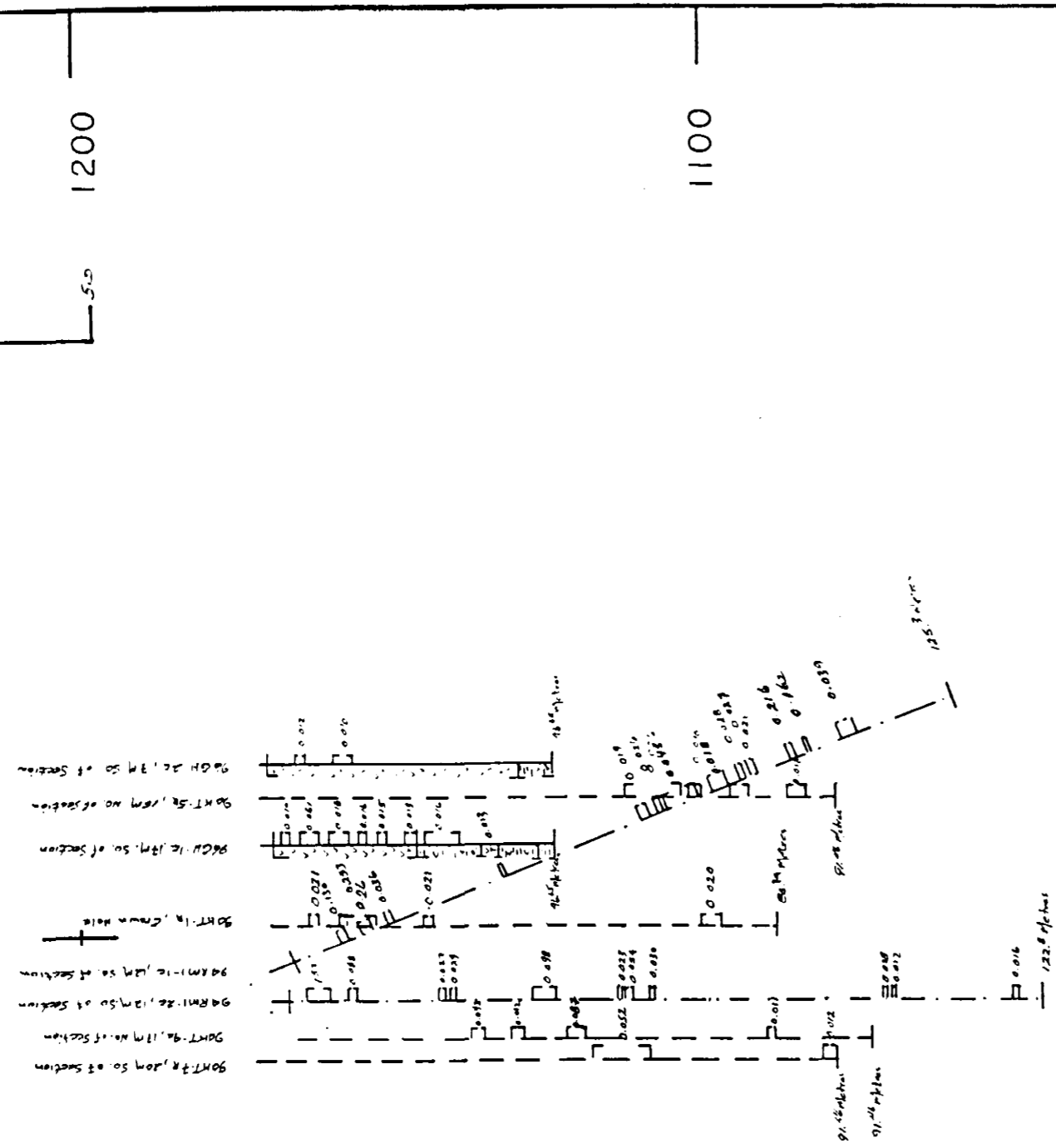
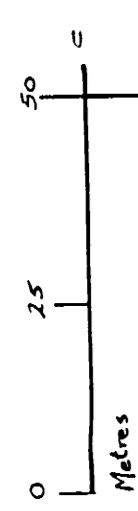
RCGT JV		
SCALE 1:500	APPROVED BY	DRAWN BY
DATE 7/96	REVISION	REVISION
RM GROUP, KET-28		
Section 025NW	DRAWING NUMBER	

APPENDIX G-3

CROSS SECTION MAPS

AU=>0.004

Section Au=O.OI opt.
Looking Northwest



126

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See 000

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24,992

R. CGT. JV		
SCALE: 1:500	APPROVED BY:	DRAWN BY:
DATE: 7/96	REVISED:	
RM GROUP, KET-28		
Section 000	LABORATORY REPORT	

127

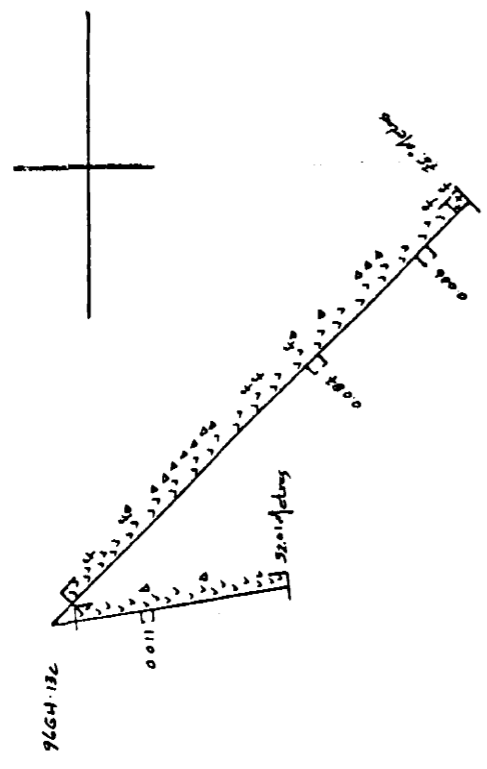
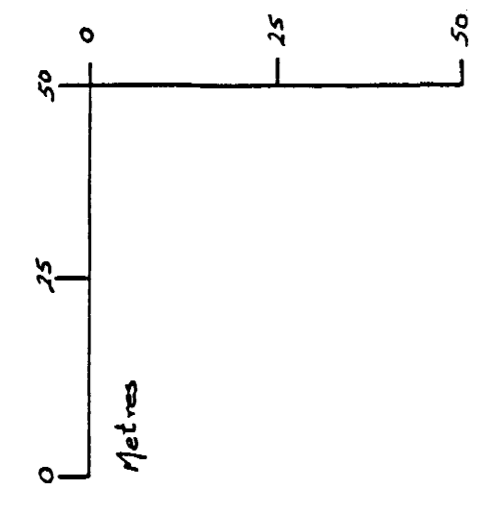
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Sec 025 SE

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ASSESSMENT REPORT

24,992

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Section 225 SE	DRAWING NUMBER:



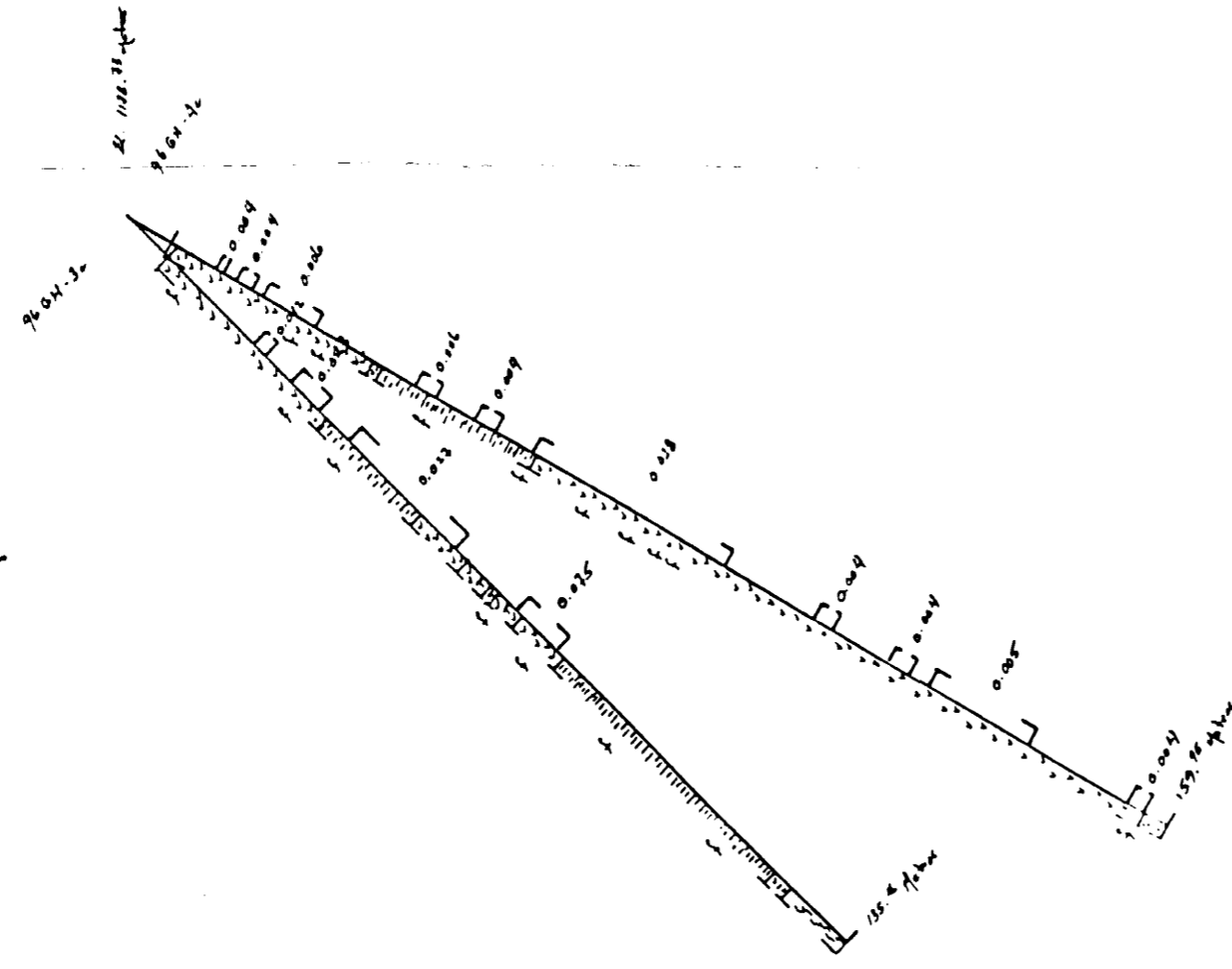
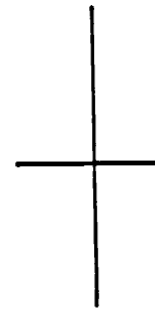
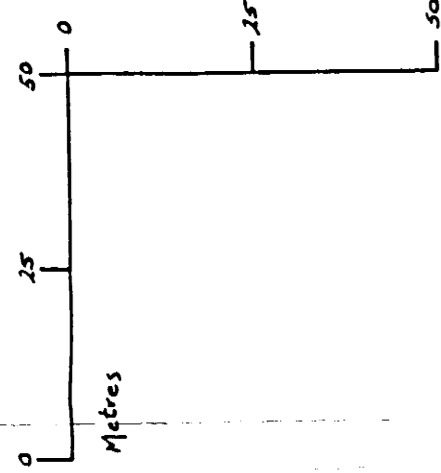
Geochem Section Au ± 0.00 4 opt.
Looking Northwest

1200

1100

M28

Geochem Section Au ± 0.004 opt.
Looking Northwest



Sec 050 SE

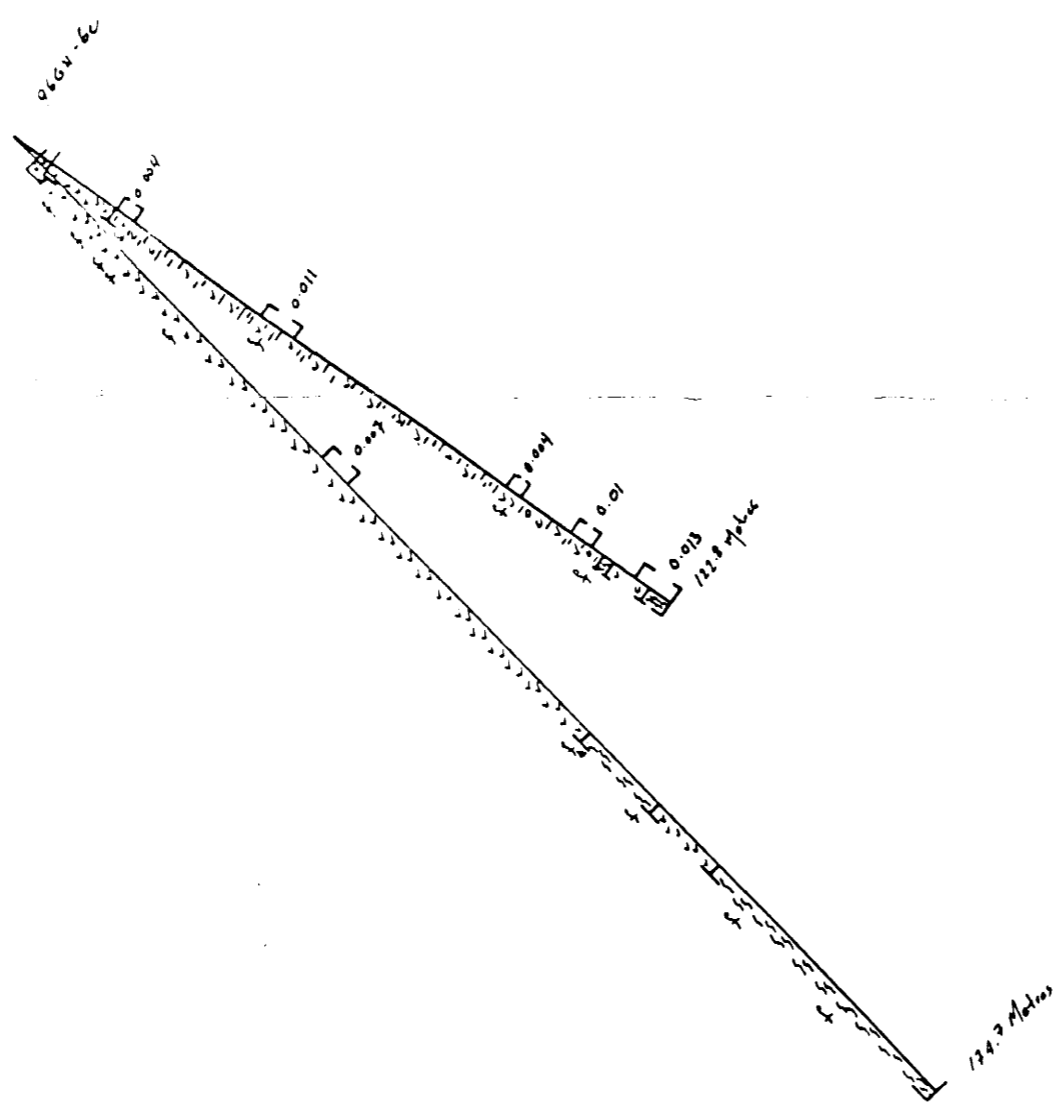
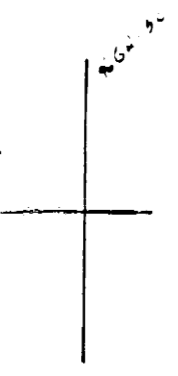
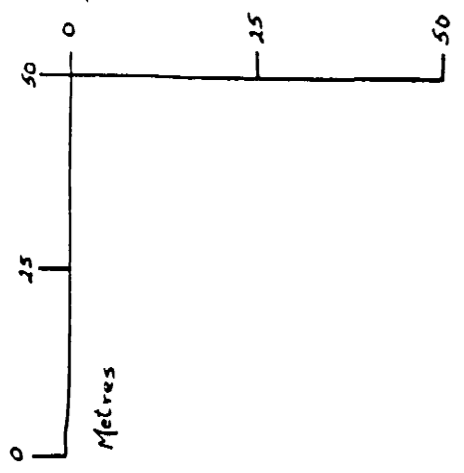
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ASSESSMENT REPORT

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R.C.G.T. JV	
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RM GROUP, KET-28	
Section 050 SE	

1209

Geochem Section Au \approx 0.004 opt
Looking Northwest



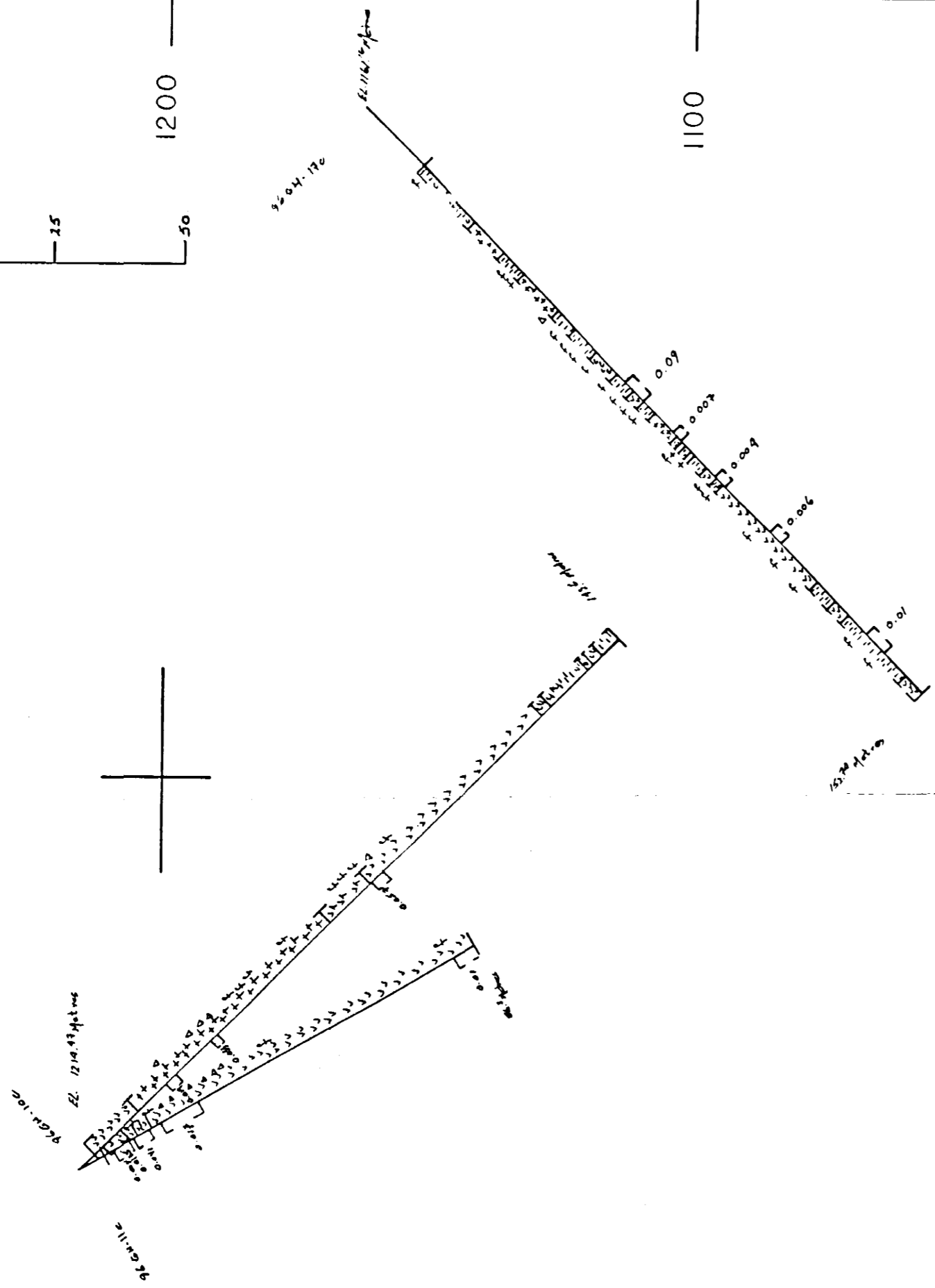
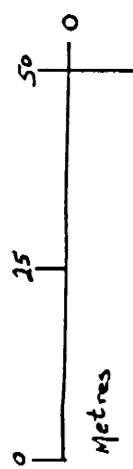
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Sec 100SE

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R.C.G.T. JV		
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RM GROUP, KET-28		
Section 100 SE	DRAWING NUMBER	

Geochem Section Au \pm 0.004 opt.
Looking Northwest



1730

①
SEC 175
SE

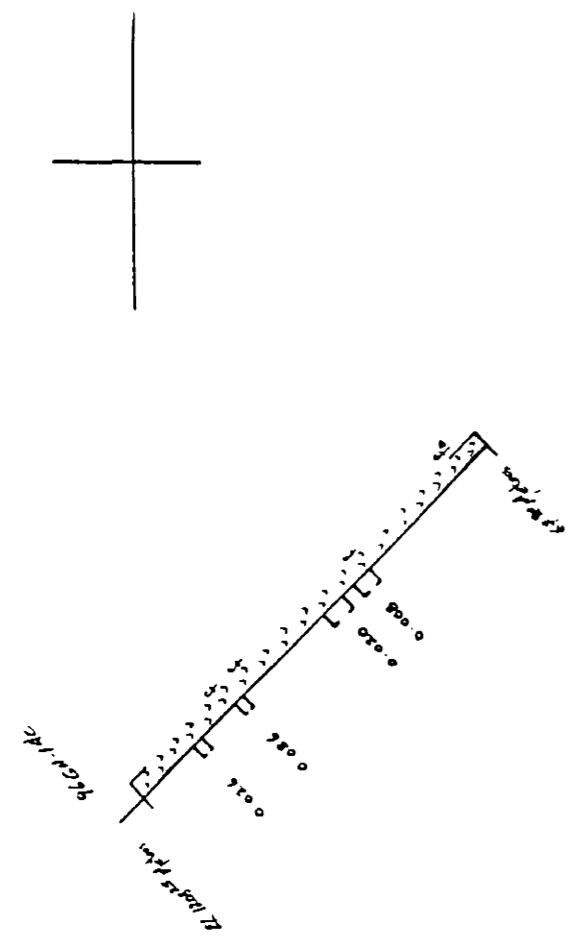
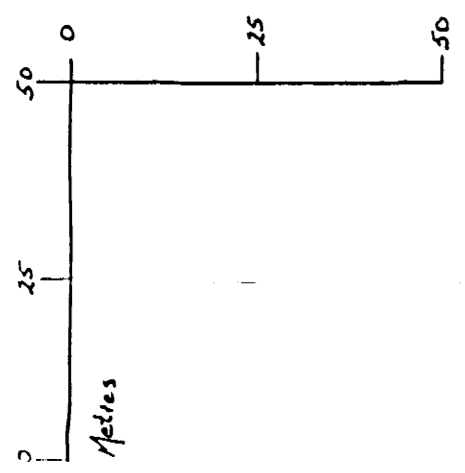
GEOLOGICAL SURVEY OF CANADA
150 RYAN DRIVE

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R.C.G.T. JV	
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DATE: 7/96	REVISED:
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RM GROUP, KFT-2B	
Section 175 SE	DRAWING NUMBER:

131

Geochem Section Au± 0.004 opt.
Looking Northwest



1100

1200

①
48250 SE

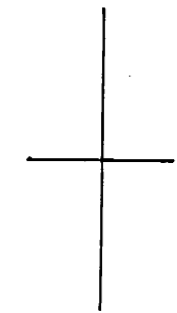
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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DATE: 77/96	REVIEWED:
RM GROUP, KET-28	
Section 250 SE	DRAWING NUMBER:

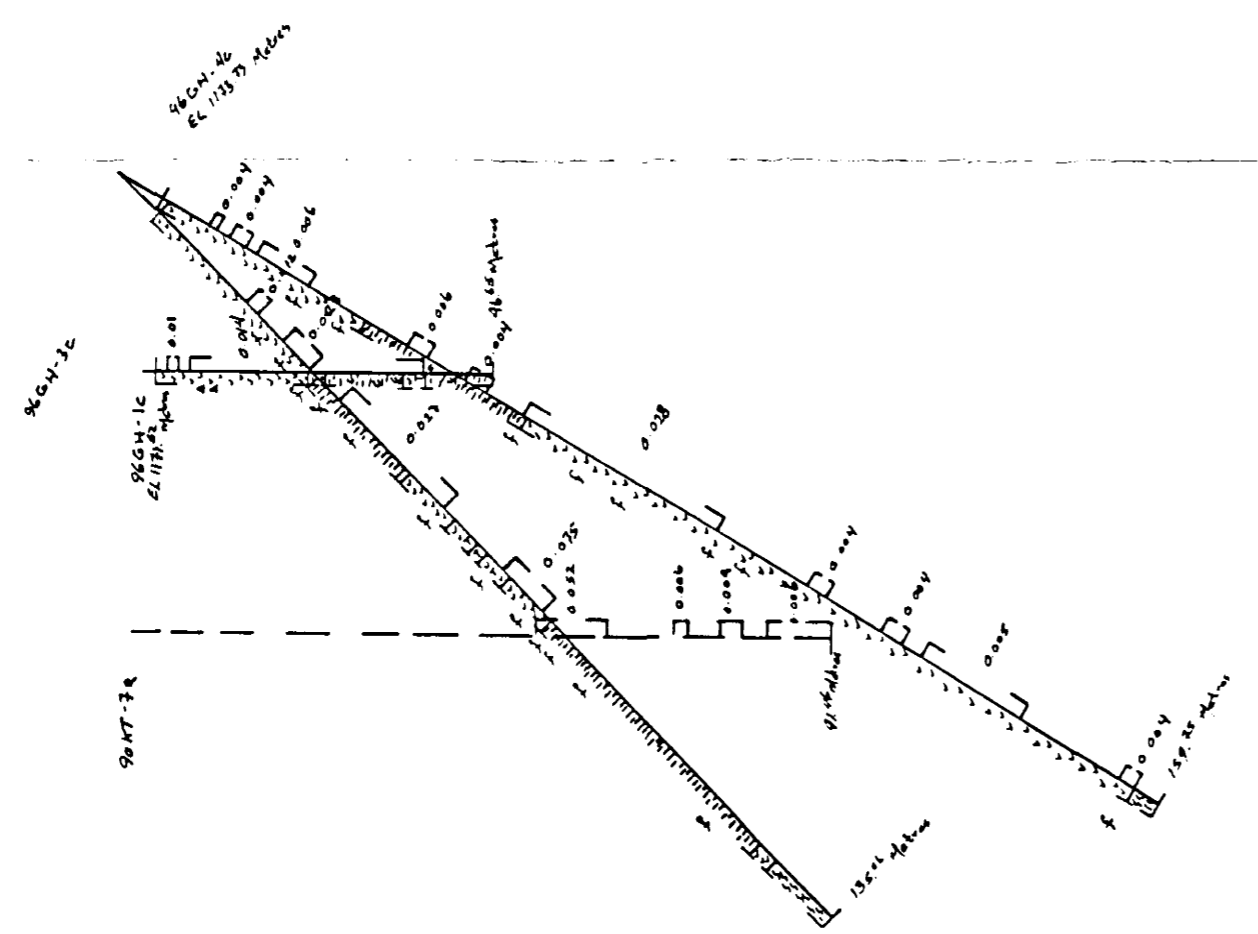
438

Geochem Section Au ± 0.004 opt
Looking Northwest



1200

1100



①
SEC 2555

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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RCGT JV	
SCALE: 1:500	APPROVED BY:
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RM GROUP, KET-28	
Section: Q25 SE	DRAWING NUMBER: