010

REPORT ON

DIAMOND DRILLING PROGRAM

EAST PUKASKWA AREA

BY

ROBERT A. MACGREGOR, P. ENG.

MARCH 4, 1996

INDEX

INTRODUCTION

This report discribes a diamond drilling program carried out by Sears, Barry and Associates in the East Pukaskwa Area, some 44 miles (71 km) west-north-west of Wawa, Ontario or 13 miles (21 km) west-south-west of the Muscocho Mine site.

Drilling commenced on January 10, 1996 and finished on January 26, 1996. Seven holes were drilled for a total of 4,150 feet (1,265 metres). Drilling was carried out by Britton Bros. Diamond Drilling of Smithers, B.C. Supply and moving of the drill was by helicopter from Heli-Max Ltd. of Trois Rivieres, P.Q.

Four of the holes were drilled west of Aardvark Lake on a grid line at Azimuth 165°. Three holes were drilled east of Aardvark Lake on a grid line at Azimuth 160°.

The writer supervised the drilling, logged the core and split or supervised the splitting of the core. Drill logs and sections accompany this report. The holes have also been plotted on a compilation map showing previous drilling in the area.

WEST AARDVARK SECTION

These four holes were drilled in an area where previous surface sampling and trenching had located significant gold values. The best values located in drilling were associated with quartz and carbonate veining with arsenopyrite mineralization, and also with pyrite in finely bedded and sheared greywacke.

West Aardvark Section (Continued)

Hole 45 returned 1.1 gram/T Au across 2.85 feet (0.87 m) in quartz veining with arsenopyrite mineralization.

Hole 46 gave 2.8 grams/T Au across 0.25 feet (0.08 m) and 0.9 grams/T Au across 0.5 feet (0.15 m) in carbonate zones with arsenopyrite.

Hole 47 returned 1.9 grams/T Au across 1.6 feet (0.5 m) and 1.7 grams/T Au across 1.2 feet (0.4 m) in pyrite mineralization with greywacke.

Best assay in Hole 48 was 0.6 grams/T Au across 2.5 feet (0.8 m) in carbonate beds with pyrite.

EAST AARDVARK SECTION

Three holes were drilled here to test the westerly extension of the Aardvark zone which had been previously tested by surface work and diamond drilling. Best values are associated with oily appearing quartz veining, often without visible mineralization. One spectacular value of 43.5 grams Au/T over 1.1 feet (0.34 m) in Hole 51 occurs with narrow oily appearing quartz veins in greywacke. Although the high value would suggest visible gold, none was noted in logging, neither was arsenopyrite or significant pyrite.

Hole 49 gave a best assay of 0.9 grams/T Au across 4.5 feet (1.4 m) in quartz-carbonate beds in greywacke.

Hole 50 returned 2.3 grams/T Au across 2 feet (0.6 m) in oily appearing quartz veining.

East Aardvark Section (Continued)

Hole 51 returned the spectacular value already mentioned.

SUMMARY AND RECOMMENDATIONS

The drill holes cross section two areas of the Mishibishu Deformation Zone. The first section on the Aardvark west showing, and the second section on the west part of the Aardvark showing. Rocks consisting primarily of greywackes are sheared, silicified and carbonated throughout the holes. Quartz and carbonate veining with variable pyrite and occassional arsenopyrite is pervasive throughout the sections. Gold values are erratic in the samples taken. While arsenopyrite, and also pyrite are present in samples containing significant gold, they are also often present in samples which do not run and cannot be regarded as absolute indicators of gold.

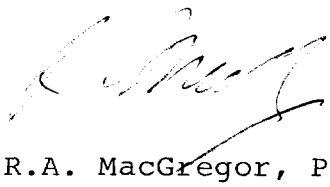
It is recommended that additional sampling be carried out on the core. Sampling was carried out on the basis of arsenopyrite and possibly increased pyrite content with quartz veining being the primary indicators of gold. This may or may not be the case. If funds are available, complete sampling of the holes may be warranted.

Assay data was not located by the author for the previous Noranda drilling; as well, logs for the Noranda holes nearest the current drilling were not found. This core remains at the Aardvark Lake camp site and may also warrant further sampling.

Summary and Recommendations (Continued)

The two sections or fences drilled are approximately 1,700 metres apart. Surface sampling in the intervening area has indicated significant gold values. Two to three fences of at least four holes each should be drilled to test this prospective area.

Respectfully submitted



R.A. MacGregor, P. Eng.

Sault Ste. Marie, Ontario
March 4, 1996

APPENDIX I

DRILL LOGS AND SECTIONS

Hole EP96-45

Start: 10/01/96 Finish: 11/01/96 Depth: -600'

Azimuth: 165° Dip Collar -45°

Easting: 1125E 600' 47½° corrected

Northing: 825N Elevation: Logged by: R.A. MacGregor
P.C. Delisle

CORE SIZE: BTW
BRITON BROS DRILLING

CLAIM # 801357

Finished Log Jan 17/96

SUMMARY LOG

0-10	Casing
10-90.35	Carbonatized Pebbly Greywacke
90.35-216	Pebbly Greywacke
216-329.5	Greywacke
329.5-347	Greywacke, some carbonate
347-362.6	Pebbly Greywacke
362.6-453	Conglomerate
453-600	Pebbly greywacke

* CORE STORED AT CAMPSITE ON EAST SIDE OF Aardvark Lake - CLAIM 779117

Hole EP96-45

SAMPLES

Number	Interval	Feet	Au ppb	
151	87-88.5	1.5	73	H.W. of Q.V. <1% Asp
152	88.5-90.35	1.85	1020	Q.V. +5% Asp
152	90.35-91.35	1.0	1120	F.W. of Q.V. 3% Asp
154	362.6 363.4	0.8	2	Clast w/sulphides in Gwk
155	300-301	1.0	18/7/6	Q.V. chlorite tr Asp
156	506.6-507	0.5	312	Silic with pyrite
157	534.6-537.2	2.6	8	Q..V. & Gwk
158	576.6-578	1.4	10/7/5	Basalt (Diabase) dyke

Hole EP96-45

Start: 10/01/96 **Finish:** 11/01/96 **Depth:** -600'
Azimuth: 165° **Dip Collar** -45°
Easting: 1125E 600' 47½° corrected
Northing: 825N **Elevation:** **Logged By:** R.A. MacGregor
P.C. Delisle

0 - 10 CASING

10 - 90.35 CARBONATIZED PEBBLY GREYWACKE

The unit is highly bedded with green chlorite and carbonatized (small calcite clots) light grey green material that may locally contain few blue qtz eyes and beige sericite that may form lenses. Also few granitic clasts mainly of lapilli-size and lenses of grey quartz. The unit is injected of several wispy carbonate (qtz) stringers parallel to foliation, but some of them are folded and transposed. Foliation at 75° TCA. Traces of disseminated pyrite.

26.5-26.7 arsenopyrite zone surrounding a grey quartz veinlet. About 5% coarse grained Asp.

30.8-31.0 Contortioned grey qtz-carbonate veinlet with 2% coarse-grained asp and traces of pyrite.

35.00-40.50 Zone more and less fissile breaking up into pieces of 40 mm

78.50-79.50 Broken core coated with chlorite gouge

87.00-88.50 Sulphide zone: <1% medium grained asp. and traces of diss. Py

88.50-90.35 MINERALIZED ZONE: The zone consists of about 50% light grey qtz-(carbonate) veinlets containing few dark chloritic ribbons. Mineralization consists of 5% coarse-grained Asp with the hosted rocks. Barely within the quartz material. Upper contact sharp at 75° TCA

90.35 Sharp contact at 70° TCA. The core becomes less carbonatized.

90.35-218.00 PEBBLY GREYWACKE

Same as 10.00-90.35. The unit is interbedded with thickly bedded massive greywacke (up to 1 m). Carbonatization is only restricted to banding and is less pervasive than previously. Few rounded big granodiorite clasts of pebble-size. Massive greywacke represents about 15% of the unit. Foliation at 70° TCA. Injected of very few carbonate stringers

90.35-91.35 About 3% disseminated coarse-grained Asp.

124.85-125.40 Felsic dike. Sharp contact at 80° TCA

162-166.50 Broken core that is locally coated with chloritic gouge at 45° TCA

216.00 Gradational contact. The unit becomes massive.

216.00-329.5 GREYWACKE

Grey in color. Usually coarse grained. Massive. Barely interbedded with siltstone. Rarely injected with quartz stringers. No more carbonate.

271.6 Barren qtz vein 1½" wide @ 45° TCA

276.5-277.2 Thread veins of qtz with one ¼" vein at end of section no mineralization

300-301 Qtz veining with chlorite clots (light green) in qtz trace Asp on slip face Contact 90° TCA

310-310.1 Qtz vein with chlorite as above No Asp

310.1-319 Badly broken core, numerous slips @ 15° TCA to almost parallel TCA muddy (fault gouge) @ 317.5, 10° TCA a little coarse grained to nodular pyrite on slip faces with hairline carbonate (calcite) some cross fractures at steeper angles.

324 1" qtz vein @ 60° TCA trace pyrite on a fracture.

329.5 - 347 Greywacke as above but a few thread veins of white carbonate (calcite) at low CA's

347 - 362.6 Pebbly greywacke, scattered quartz pebbles elongated parallel to bedding, thickly bedded massive greywacke with narrow carbonate bands, trace of pyrite along bedding planes. Thickly bedded greywacke becoming more thinly bedded with light greenish material down the hole, pebbles more numerous and some are granodiorite.

362.6 - 453 Conglomerate, pebbly to cobble sized clasts in highly banded green chlorite, carbonate, greywacke and light greenish material. Some clasts contain pyrite appears to be a primary

363.1 whitish granite clast with pyrite

363.4 wedge shaped clast with 15-20% pyrrhotite and 2-3% pyrite, siliceous

379.5 4" clast with 2% pyrite granodiorite

399.5 4" clast with 2% pyrite granodiorite

409 3" clast with 2-3% pyrite granodiorite

428.6 ¼" band 10% sulphide (pyrite)

451.6 Qtz alongside granodiorite cobble with a few specks sphalerite

452.9 4" clast white granite with 5% pyrite

453 - 600 Pebbly greywacke, thinly bedded greywacke in some sections, thinly bedded sections green chlorite, carbonatized beds and light green material locally a few grey to blue quartz eyes, some light coloured sericite. Pebbles elongated parallel to bedding, foliation @ 70° to CA

495.6 1¼" quartz vein @ 70° to CA

500.3 large cobble of grandiorite 1% pyrite

506.6 1 3/4" silicified zone trace Asp, 1% pyrite

506.95 ½" silicified zone 5-6% pyrite

534.7-535.5 Thick bedded gwk and narrow pebble beds, pebbles to 1/8" no mineralization

536.5-537.1 Quartz vein as 534.7-535.5

537.2-543 thick bedded gwk

543-560.9 thinly bedded gwk with much carbonate (white calcite)

560.9-570.9 thinly bedded as above with larger pebbles

575.6-578 felsite dyke, fine grained to aphanitic hard brownish black, pyrite clots to 2 mm <1% overall, creamy light green anydules, faint darker fracture lines, hard silicious looking with concoidal fracture

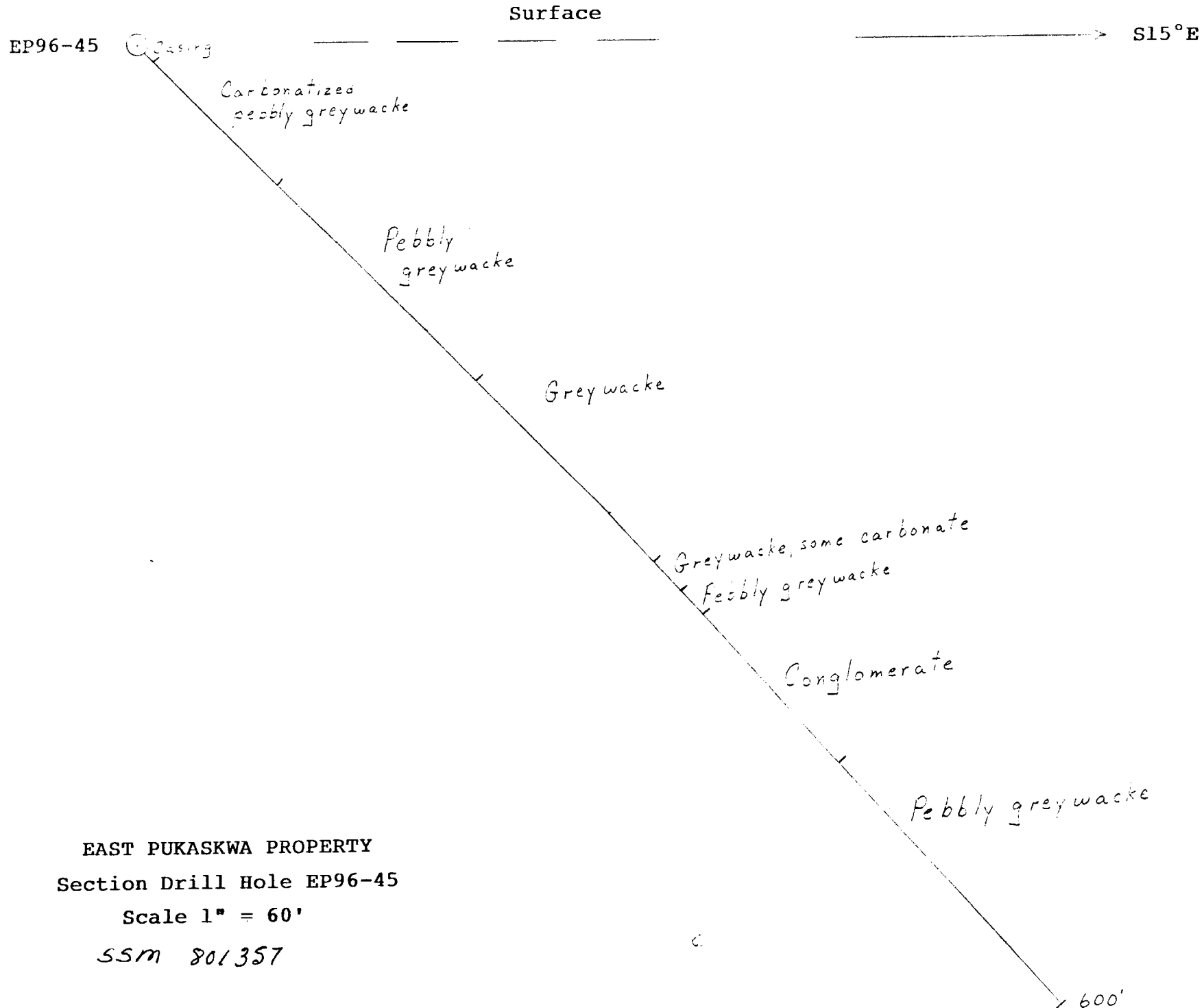
588.2-589.2 Strong quartz carbonate veining no mineralization

588.3 1" quartz carbonate breccia vein @ 40° to CA no mineralization

589.2-600 numerous thick bedded sections no pebbles after 596

END

S. Sears
(for R. MacGregor)



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-45

Scale 1" = 60'

SSM 801357

Hole EP96-46

Start: 13/01/96 Finish: 14/01/96 Depth: -600'

Azimuth: 165° Dip Collar -45°

Easting: 1170E 600' 42½° corrected

Northing: 685N Elevation: Logged By: R.A. MacGregor

CORE SIZE: BTW
BRITON BROS. DRILLING

CLAIM # 801357

Finished Log. Jan 20/96

SUMMARY LOG

0 - 10	Casing
10-122.8	Greywacke, thick bedded
122.8-123.7	Diabase dyke
123.7-132.7	Greywacke, thin bedded
132.7-138.5	Diabase dyke
138.5-167.8	Greywacke conglomerate
167.8-405	Pebbly greywacke
405-429.7	Greywacke, thick bedded
429.7-437.8	Greywacke, thin bedded
437.8-492	Greywacke, thick bedded
492-600	Greywacke, thin bedded

* CORE STORED AT CAMPSITE ON EAST SIDE OF Aardvark Lake. Claim

Hole EP96-46

SAMPLES

Number	Interval	Feet	Au ppb	
159	78-79	1.0	159	Qtz veins <1% Asp
160	77-78	1.0	6	Gwk, H.W of Qtz vein
161	79-80	1.0	5	Gwk F.W of Qtz vein
162	153.5-154.5	1.0	11	Glassy qtz vein
163	219.6-220	0.4	15	Granodiorite clast py, po
164	258-258.25	0.25	2760	3/4" carb zone 5% Asp
165	378.5-380	1.5	275	Py seams 1-2%
166	443.7-444.7	1.0	100	1/4" qtz-carb veinlet
				5-10% Asp. in veinlet
169	454.6-456	1.4	4	Gwk
168	456-457.4	1.4	11	Tr Asp in Gwk
167	457.4-458.1	0.7	154	Hairline py seams 1-2% Asp
175	503.9-505	1.1	308	Py along seams
174	505.5-506	0.5	936	1/4" carb vein in centre
171	524.9-526.2	1.3	123	py around pebble, py seam
170	538.2-539.2	1.0	15/12/12	1/16" carb zone, 1/4" qtz
172	554.5-555.8	1.3	27	scattered py blebs
173	559.3-559.8	0.5	371	1/4" sil zone with py

Hole EP96-46

Start: 13/01/96 **Finish: 14/01/96** **Depth: -600'**
Azimuth: 165° **Dip Collar -45°**
Easting: 1170E **600' 47½° corrected**
Northing: 685N **Elevation:** **Logged by: R.A. MacGregor**

0 - 10 Casing

10-122.8 Greywacke, thickly bedded massive greywacke rare carbonate banding medium grained. Injected by narrow diabase dykes, black very fine grained with chilled margins

38.4 1" diabase dyke @ 70° to CA with a ½" offshoot down core at 30° to CA

43.1 1" diabase dyke @ 80° to CA and narrow part along core and parallel for 6" up core

50-50.6 Diabase dyke, black very fine grained as above some greenish amydules 1/8" to 1/4" chilled margin. A checkerboard pattern of lighter lines

60.7 3/4" diabase along core to 61.1

88.5-89.2 some carbonate, chlorite veining in the greywacke

122.8-123.7 Diabase dyke, black very fine grained with chilled margins

123.7-132.7 Greywacke, highly bedded with green chlorite and some carbonate, light grey-green material a few pebbles toward the bottom of the section

78-79 Glassy, grey greasy looking 6" quartz vein followed by 2-3/4" similar looking quartz veins in greywacke <1% Asp.

132-138.5 Diabase, black very fine grained chilled margins

137.3-138 Greywacke

138.1 1" of greywacke

138.5-167.8 Greywacke Conglomerate, highly bedded with green chlorite, carbonatized light grey-green material with cobbles to 8" in size. Mostly whitish granodiorite

140.1-140.25 Diabase, black very fine grained chilled margins

140.7-141.1 Diabase, as above

141.3 3/4" diabase as above

154.5-154.5 Glassy quartz vein, light green chlorite in fractures, <1% pyrite

167.8-405 Pebbly greywacke, thinly bedded greywacke, carbonate bands, light grey green material, green chlorite beds, highly foliated. Pebbles of granodiorite and quartz or siliceous material. Smaller pebbles are elongated parallel to bedding. Some thick bedded sections

190.5 ¼" to ½" quartz veining, a little pyrite on margins

193.8 Hairline pyrite-pyrrhotite along quartz pebble

194 1/8" 20% pyrrhotite-pyrite bed with ½" irregular quartz vein

197.5 2" quartz vein, barren a little chlorite

203.4 1½" quartz vein, glassy a little chlorite

209 ½" quartz vein, white with grey quartz eyes or fragments

216.1 1" quartz vein, glassy a little chlorite

241.6 2" quartz-silica vein, a little pyrite, barren quartz and quartz with fragments as 209 with greywacke between

244 1/8" band 20% pyrrhotite, hairline silica

258.1 3/4" carbonate-silicious zone with pyrite-pyrrhotite along margins 5% Asp

280-310 Light coloured sericitized looking beds or clasts, may be altered mudstone very fine grained

285 ½" silica band with carbonate spots 1% cubic pyrite to 1 mm in 1/8" black greywacke band alongside

343.9 1" quartz-carbonate breccia vein, no mineralization

335-345 Light coloured beds or clasts as 280-310

378.5-380 Thinly bedded greywacke with some elongated siliceous pebbles. Thin pyrite seams 1-2% overall

388.9-389.6 Thick bedded greywacke

405-429.7 Greywacke, thick bedded, light grey medium grained with some fine grained sections more siliceous looking than previous thick bedded sections

409-411.5 Nodular to cubic pyrite to 2 mm on fracture along the core

429.7-437.8 Greywacke, finely bedded, strong foliation carbonated with occassional pebbles light grey-green material, chlorite beds

443.7-444.7 1/4" to 3/8" quartz carbonate veinlet @ 444.3 with 5-10% Asp

437.8-492 Greywacke, thick bedded medium grained to fine grained grey to brownish grey. Some widely spaced carbonate and quartz stringers <1/foot. Some lighter grey coloured sections (more siliceous)

454.6-456 Light grey greywacke no mineralization

456-457.4 Trace Asp in greywacke, some black hairline bands

457.4-458.1 Hairline pyrite seams, mostly at top end 1-2% Asp

492-600 Greywacke, thinly bedded as 429.7-437.8 Some thick bedded sections, pebble poor

503.9-505 Pyrite along narrow seams

505.5-506 ¼" carbonate vein in centre tr Asp

525.1 Pyrite seams around pebbles

526.1 Pyrite seam in greywacke

538.5 1/16" carbonate seam tr Asp

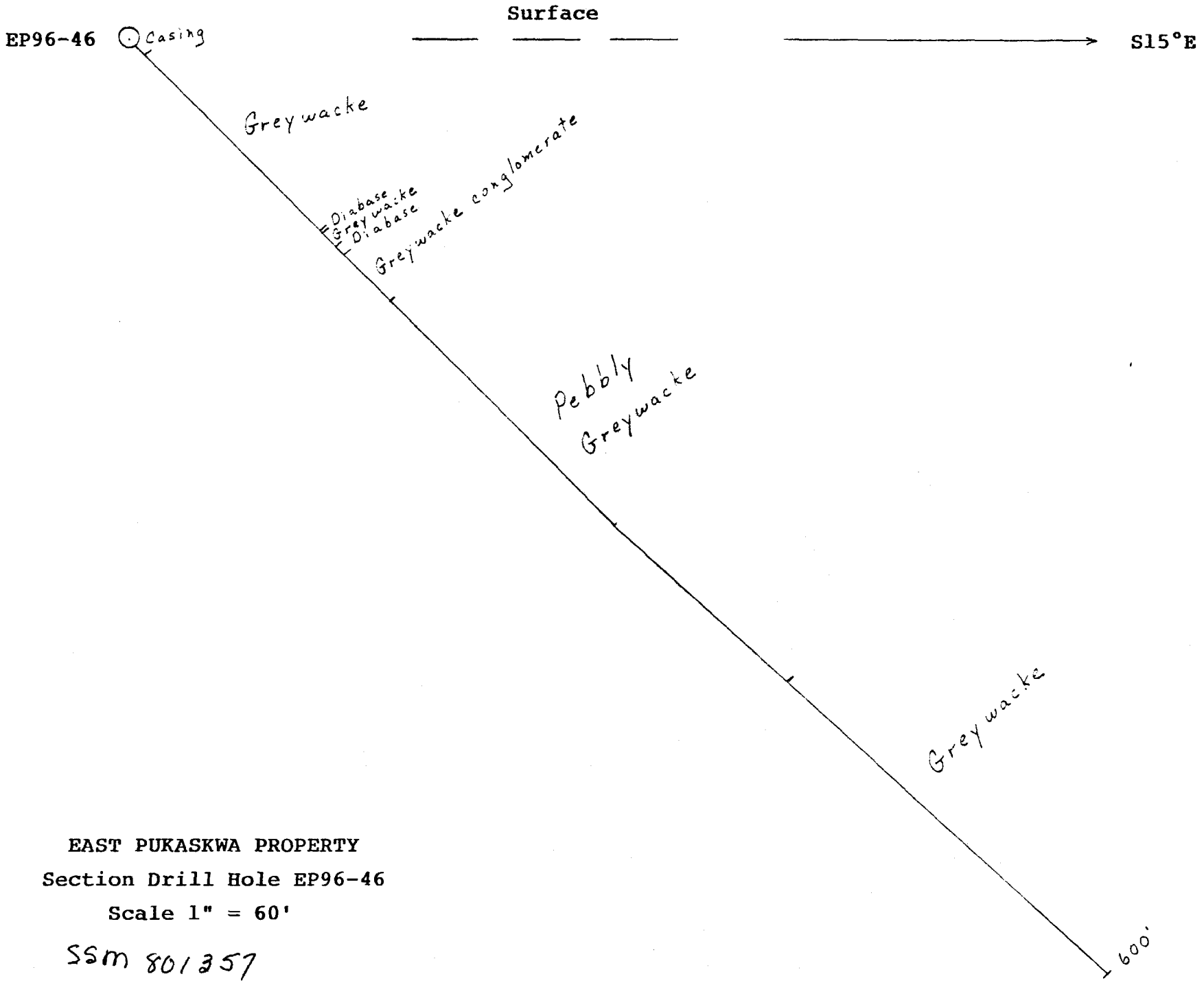
539.1 1/4" quartz veinlet 3% pyrite

554.5-555.8 Scattered blebs and cubes pyrite 1% overall

559.5 1/4" siliceous zone with pyrite

END

S. SEARS
(for R. MacGregor)



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-46

Scale 1" = 60'

SSM 801357

Hole EP96-47

Start: 14/01/96 Finish: 15/01/96 Depth: -600'

Azimuth: 165° Dip Collar -45°

Easting: 1210E 600' 54°30' uncorrected
47°10' corrected

Northing: 540N Elevation Logged By: R.A. MacGregor

Claim #

SUMMARY LOG

0 - 10	Casing
10 - 196.7	Greywacke
196.7-214.5	Arkose
214.5-401.5	Greywacke
401.5-448	Pebbly greywacke
448-466	Carbonated greywacke
466-500.2	Arkose-Argillite
500.2-509.75	Diabase
509.75-524	Arkose
524-600	Greywacke

HOLE EP96-47

SAMPLES

Number	Interval	Feet	Au ppb	
127	40-41.2	1.2	187	Carb crackle bx a little py
126	47.8-48.3	0.5	76	3/8" qtz-carb sulp vein py
129	90.7-91.1	0.4	33	A little carb, 3% py
128	117.5-120	2.5	48	Fine diss py 2% overall
130	125-125.5	0.5	14	Speck of Asp
131	139.5-140	0.5	112	Py blebs around pebble
132	153.8-154.5	0.7	489	Fine py on beds & carb zone
133	168.7-173	4.3	10	Arkose with a little qtz
134	181.7-183	1.3	184	2" irreg qtz py on margins
135	191.7-192.3	0.6	298	Narrow py seam
136	239.4-240.1	0.7	44	Qtz & a little carb
137	243.5-245	1.5	24	Qtz-carb bands, py seams
138	245-245.8	0.8	34	Qtz-carb bands, py seams
139	247.2-248.2	1.0	141/105 110	Qtz Carb band & py seams
140	249.2-250.7	1.5	46	Qtz-carb band & py
8401	266-266.5	0.5	11	2" dyke, 5% py carb
141	268.9-270.6	1.7	383	Qtz carb bands & py
142	270.6-271.5	0.9	150	A few py blebs
143	271.5-272.4	0.9	49	a few py blebs
144	272.4-273.8	1.4	44	Qtz-carb bands & py
145	274.4-275.9	1.5	64	Carb & py bands 1-2% overall
146	281.9-282.4	0.5	129	3/4" qtz-carb with py cubes
147	287.3-287.8	0.5	136	1/8" qtz carb & py; 1" silic zone
148	295.4-296.8	1.4	236	Qtz-carb bands with py cubes
149	298.5-299	0.5	145	½" & ¼" qtz-carb with py
150	310.-310.7	0.7	476/75 167	Qtz-carb & py in gwk

8402	326-328.4	2.4	297	Py in gwk, ½" silic zone
8403	335.7-336.9	1.2	1730	Py bands in gwk; 1 3/4" qtz
8404	336.9-338	1.1	415	Qtz vein , Asp on contacts
8405	338-339.1	1.1	96	Py & carb bands
8406	343.6-345.2	1.6	499	Py & Carb bands
8407	352.3-353.2	0.9	119	Carb & py seams
8408	372.7-379	6.3	250	1-2% fine py diss & along seams
8409	392.9-394.4	1.5	27	½" carb band, py on seams
8410	397.3-398.8	1.5	102	3/8" carb vein, 2 ¼" qtz-chl
8411	403-404.6	1.6	1890	Diss py in gwk-carb 3" clast
8412	417.6-418.1	0.5	38	2" qtz vein v.f diss py
8413	420-420.5	0.5	5	1½" qtz vein chl, tr py
8414	421.3-422.9	1.6	118 105/87	Py in irreg qtz veining
8420	429.25-430.75	1.5	14	Carb in beds in gwk
8415	430.75-432	1.25	175	Qtz-Chl veining some Asp
8417	432-435	3.0	13	Qtz veins 2½"; 2"
8416	435-436	1.0	67	Qtz vein with po + Asp
8418	436-438	2.0	50	Qtz veining narrow veins
8419	441.2-442.7	1.5	375	Qtz veining narrow veins
8421	455-456.9	1.9	33	4" porph dyke. tr sulph
8422	452-455	3.0	28	Qtz-feld vein
8423	465-466	1.0	525	Narrow qtz-carb veining
8424	481.5-482	0.5	31	½" qtz veins tr Asp
8425	500.-500.5	0.5	11	½" qtz vein tr Asp
8426	520.-520.6	0.6	7	Qtz veining irreg
8427	545.8-546.6	0.8	5/8/5	2" qtz bx vein
8428	549.3-550	0.7	5	Qtz-carb stringer veins
8429	558.4-559.1	0.7	18	¼" qtz veinlet tr Asp
8430	559.1-561.1	2.0	27	Narrow carb vein

8431	563.3-566.3	3.0	3	5-½" qtz veins with py
8432	566.3-567.9	1.6	10	Gwk
8433	567.9-570	2.1	207	Qtz veining with Asp
8434	570-571	1.0	5	Gwk
8435	561.1-563.3	2.2	15	Qtz veining tr-1% Asp
8436	571-572.8	1.8	8	Carb stringers in Gwk
8437	572.8-575.7	2.9	7/4/5	Qtz stringers irreg py, Asp
8438	575.7-580	4.3	17	Carb beds in Gwk
8439	580-585	5.0	5	Qtz veining irreg
8440	585-590	5.0	3	Py on bedding planes in gwk
8441	590-595	5.0	10	Carb beds & stringers +py in Gwk
8442	595-600	5.0	4	Qtz-carb bx irreg

Hole EP96-47

Start: 14/01/96 **Finish:** 15/01/96 **Depth:** -600'

Azimuth: 165° **Dip Collar** -45°

Easting: 1210E 600' 54°30' uncorrected
47°10' corrected

Northing: 540N **Elevation:** **Logged by:** R.A. MacGregor

CORE SIZE BTW BRITON BROS DRILLING CLAIM # 801357 (311 ft)
801312 (289 ft)
Finished Log Jan 24/96

0 - 10 Casing

10-196.7 Greywacke, thinly bedded with a few scattered pebbles, grey to greenish chloritic beds, carbonated as beds and rare thread veins crosscutting bedding. Strongly foliated, pyrite very finely disseminated along bedding planes and around some pebbles also as scattered blebs and cubes to 2 mm. Narrow lapilli beds and scattered blue qtz eyes. 1% py overall

40-41.2 White carbonate crackle breccia, a little pyrite

47.8-48.3 3/8" qtz-carb-pyrite vein

50-59 Strongly leached and corroded, honeycomb
60.5-61 look to core, carbonate leached out of beds

90.7-91.1 Carbonated, 3% pyrite irregularly diss.

110.3 Silicified zone 3/4" wide with pyrite
110.5-111 Leached, honeycombed as 50-59

117.5-120 Fine disseminated pyrite 2% overall

118.7 2" glassy qtz vein, very fine disseminated pyrite in seams adjoining

125.3 Speck of Asp

139.5-140 Pyrite as blebs around a pebble

153.8-154.5 Fine pyrite in beds and alongside a 1/4" to 1/8" carbonate zone

168.7-173 Qtz-carbonate vein grey to dark grey with white qtz and carbonate as small patches or clasts, a little pyrite
170.5-171 White qtz with a little chlorite

181.7-182.3 Qtz vein a little chlorite

182.8-183 2" qtz vein with some irregular qtz veining pyrite along margins of qtz

191.7-192.3 2" qtz vein at bottom end with a narrow sulphide (py) seam @ 191.9

196.7-214.5 Arkose or thickly bedded greywacke, light grey, medium grained, weakly bedded with gradational contacts
197.0 2" qtz vein

214.5-401.5 Greywacke, thinly bedded the same as 10-196.7 Some arkose sections. 250-270 an increase in blue quartz eyes

239.4-239.6 Qtz vein

239.8 1" qtz-carb with pyrite blebs to 3 mm

243.5-245 Qtz-carb bands with pyrite and pyrite seams in strongly foliated chloritic beds

245-245.8 As above, with fewer qtz-carb bands

247.2-248.2 Qtz-carb bands and pyrite seams

249.2-250.7 Qtz-carb bands and pyrite

266.2 2" very fine grained (aphanitic) black felsite? dyke @ 75° to CA sharp contacts 5% pyrite, carbonated by hairline stringers

268.9-270.6 Qtz-carb bands and pyrite

270.6-271.5 Pyrite bands

271.5-272.4 Pyrite blebs

272.4-273.8 Qtz-carb bands and pyrite

274.4-275.9 Carb & pyrite bands 1-2% pyrite overall

281.9-282.4 3/4" qtz-carb in centre with pyrite cubes to 3 mm along margins

287.3-287.8 1/8" qtz-carb in centre, 1" silicified zone top end

295.4-296.8 Narrow qtz-carb bands with pyrite cubes to 4 mm

297.2-298.7 Arkose

298.5-299 ½" qtz-carb with pyrite

310-310.7 Quartz-carb vein @ 40° to CA trace pyrite 2" greywacke with 1% pyrite top end

326-328.4 Pyrite in bands of greywacke ½" silicified zone

335.7-336.9 Pyrite bands in greywacke 1 3/4" quartz vein 2% pyrite overall

336.9-338 Quartz vein, with chlorite on slips and greywacke inclusions. Asp in quartz along contacts

338-339.1 Pyrite and carbonate bands in thin bedded, sheared greywacke. Bleb of chalcopyrite on split surface

343.6-345.6 Pyrite and carbonate bands in thin bedded, sheared greywacke

352.3-353.2 Carbonate and pyrite seams

372.7-379 Thinly bedded, sheared greywacke with rare pebble clasts. 1-2% fine pyrite along seams and disseminated, trace Asp on some carb-qtz stringers

392.9-394.4 ½" carb band pyrite on seams and crosscutting carbonate stringers

397.3-398.8 3/8" carb vein; 2½" quartz-chlorite carb bands

401.5-448 Thin bedded greywacke as above with an increase in pebble sized clasts

403-404.6 Disseminated pyrite in carb greywacke

417.6-418.1 2" quartz vein at top end, very fine diss pyrite

420-420.5 1½" quartz vein, chlorite trace pyrite. Some diss pyrite in greywacke

421.3-422.9 Pyrite in irregular quartz veining at top end ½" qtz-carb with 3% pyrite, pyrite diss. and in seams bottom end

429.25-430.75 Greywacke with carb beds

430.75-432 2¼" quartz-chlorite vein with 1% Asp
4½" and 3/8" quartz vein with pyrite and 2% Asp

432.5 2½" quartz vein

433 2" quartz vein

435-436 Quartz vein with 5% Asp

437 2" quartz vein

437.3 1¼" quartz vein

437.8 ½" quartz vein

441.5 2 to 2½" quartz vein

442.5 1½" to 2½" quartz-feldspar vein

448-466 Argillite to Greywacke, highly carbonated with white and pink carbonate stringers, some mudstone clasts, porphyry bands or clasts, highly fractured and broken up core along slips at all angles with carbonate along slips

452.8 1¼" quartz-feldspar-hematite vein

455 4" porphyry dyke

455.7 3" zone with feldspar phenocrysts to 3 mm trace pyrite

456.3-456.6 Porphyry or lapilli bed whitish yellow feldspar phenocrysts to 3 mm trace pyrite

465 1¼" quartz-carb badly broken core

465.5 1¼" quartz vein

466 3/4" quartz-carb-pyrite vein

466-550.2 Arkose, grey to light grey with dark to blackish argillite sections thickly bedded 80-90° to CA

481.5-482 Two ½" quartz veins trace Asp

500.2 ½" quartz vein trace Asp

500.2-509.75 Diabase, dense black, fine grained top contact ½" quartz vein @ 80° to CA lower contact sharp @ 80° to CA

503.6-504.3 Arkose

509.75-524 Arkose or thick bedded greywacke, grey medium grained thickly bedded.

520-520.6 1½" and ½" irregular quartz veining dark grey greasy looking qtz no visible mineralization

524-600 Greywacke, thinly bedded no clasts, some argillite beds near top end becoming lighter in colour down the core, more carbonated

546.3 2" quartz breccia vein, pyrite seams along contacts, upper contact 70° to CA, lower contact 40° to CA

549.3-550 Qtz carb stringer veins, 3/8" qtz pebble

558.4-559.1 ¼" qtz veinlet trace Asp

559.1-561.1 Greywacke with narrow carb vein

561.2 Quartz banding

561.4 3/4" qtz veining 1% Asp

562 ½" qtz veining 1% Asp

562.6-562.9 Quartz vein, pyrite

563 ½" qtz veining with Asp between veins

563.1 ½" quartz veining with Asp

563.3-566.3 Five ½" quartz veins with pyrite

567.9-568.4 Quartz veining 1-2% Asp

569.3-570 Quartz veining 5% Asp

571-572.8 A few carbonate stringers

572.8-575.7 Some irregular quartz stringers with pyrite

575.2 ½" quartz veinlet 1% Asp

575.7-580 Carbonate beds and a little silification

580-600 Trace Asp as very fine blebs along some bedding planes

580-585 Irregular qtz-carb veining

586.8 Pyrite on irregular hairline carb stringers

587.1 Pyrite on bedding planes

594.2 Carbonate stringers with pyrite

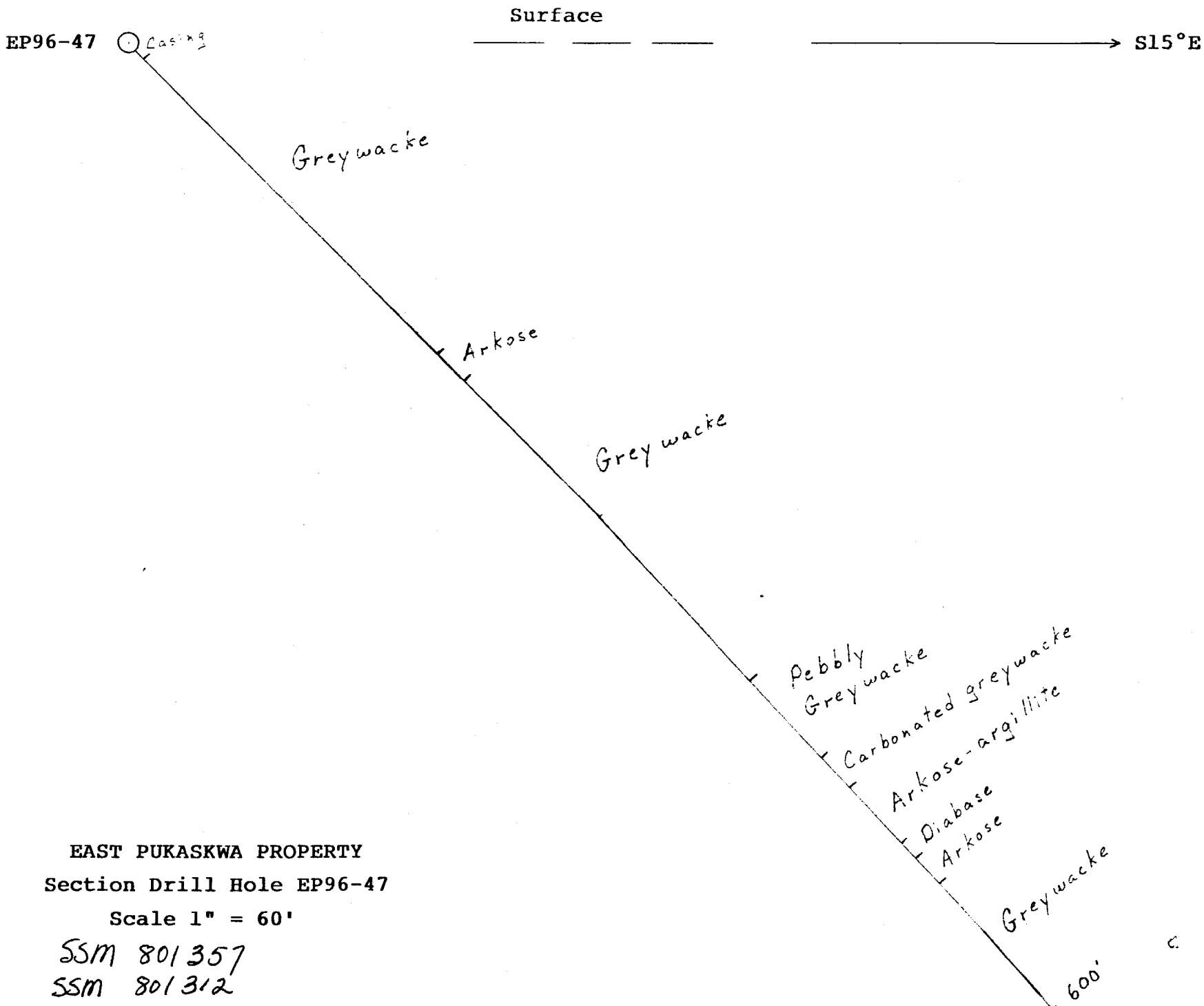
594.4 Carbonate bedding

596.1 1" qtz-carb breccia

596.3 Irregular qtz-carb breccia

END

S. SEARS
(for R. MacGregor)



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-47

Scale 1" = 60'

SSM 801357

SSM 801312

Hole EP96-48

Start: 17/01/96 Finish: 19/01/96 Depth: -600'

Azimuth: 165° Dip Collar -45°

Easting: 1250E 600' 53° uncorrected
45°30' corrected

Northing: 500N Elevation Logged by: R.A. MacGregor

Core Size: BTW CLAIM # 801312 Finished Logging Jan 28/96

Briton Bros Drilling

SUMMARY LOG

0 - 5	Casing
5-219.7	Greywacke, thin bedded
219.7-271	Arkose
271-347.3	Greywacke-Argillite
347.3-365.9	Arkose
365.9-397.5	Greywacke-Argillite
397.5-406.3	Diabase
406.3-410	Graphitic Argillite
410-540	Arkose-Argillite
540-600	Greywacke, thin bedded

A Core stored at campsite, east side of Aardvark Lake

(Claim # 779117)

Hole EP96-48

SAMPLES

Number	Interval	Feet	Au ppb	
8443	27.9-30	2.1	5	Carb & silic beds, py, 1" qtz <1% Asp
8444	34.7-36.2	1.5	463	2" qtz, 1% Asp; carb silic beds
8445	44.7-47	2.3	284	Qtz-chl veining 1% Asp
8446	47-49.6	2.6	362	Py on seams; 2-½" qtz veins
8447	63.5-66	2.5	611	Narrow carb beds py
8448	96.7-97.7	1.0	127	Py seam, qtz-feld vein
8449	142-143.7	1.7	69	Qtz veins, narrow, 3% py
8450	145.7-148.3	2.6	30	Qtz-chl veining no sulph
8451	168.5-170	1.5	88	Narrow qtz veining
8452	170-171	1.0	11	Qtz vein 2-3% Asp
8453	171-173	2.0	8	Gwk
8454	173-173.7	0.7	103	Qtz vein 2% Asp
8455	180-180.5	0.5	123	Qtz-feld vein
8456	183.3-185	1.5	14	Narrow qtz vein
8457	271.5-273.3	1.8	2	Qtz veins, black
8458	273.3-275.6	2.3	3	Qtz veins, fuchsite alt.
8459	293.5-295	1.5	10/17/3	Qtz & qtz-carb veining
8460	297.5-298.5	1.0	3	Qtz veining
8461	302.8-304	1.2	3	Qtz veining
8462	304-306	2.0	4	Qtz with 3% Asp; Carb seams py
8463	340-345	5.0	3	Irreg qtz & carb veining
8472	372.3-373.3	1.0	7	Gwk

8464	373.3-374.9	1.6	302	Qtz veining tr-2% Asp
8465	380-382.5	2.5	7	Irreg qtz veining tr Asp
8466	382.5-383.5	1.0	9	Irreg Qtz veining 1% py
8467	414.5-415	0.5	11	Qtz vein tr Asp
8469	416.9-417.9	1.0	1/3/2	Gwk
8468	417.9-420.9	3.0	3	2-3% Asp. diss
8470	420.9-421.9	1.0	1	Gwk, carb stringers
8471	423.2-424.2	1.0	1	Argillitic gwk
8473	427.6-428.6	1.0	3	Argillitic gwk
8474	428.6-430.3	1.7	3	Narrow qtz diss Asp 1-2%
8475	430.3-431.6	1.3	2	Gwk-qtz-carb bands
8476	434.5-435.5	1.0	2	Irreg. qtz 3% py in qtz
8477	481-486	5.0	5	Argillitic gwk, irreg qtz tr - 1% Asp
8478	501-506	5.0	56	Gwk qtz veining tr Asp
8479	512.2-513.2	1.0	60	Irreg qtz tr py
8480	530-530.7	0.7	6	Irreg qtz tr py
8481	532.2-532.8	0.6	1	Qtz veining
8482	538.9-540.2	1.3	4	Qtz & carb strings tr Asp
8483	573.4-574	0.6	3	Qtz vein no sulph

Hole EP96-48

Start: 17/01/96 **Finish:** 19/01/96 **Depth:** -600'

Azimuth: 165° **Dip Collar** -45°

Easting: 1250E 600' 53° uncorrected
45°30' corrected

Northing: 500N **Elevation:** **Logged By:** R.A. MacGregor

0 - 5	Casing
5-219.7	Greywacke, thin bedded, scattered clasts of pebble to cobble size, banded with green chlorite some carbonatization. Porphyry or lapilli beds with blue quartz eyes foliation @ 80° to CA From 70.6 pyrite as cubes along beds and random up to 9 mm
27.9-30	Carbonate & silicified beds with a little pyrite
29.5	1" Quartz vein <1% Asp
34.7-36.2	Narrow silicified and carbonate zones
34.9	2" quartz vein 1% Asp.
44.7-47	Irregular quartz-chlorite veining with greywacke. Asp along fractures and as blebs on margins of quartz about 1% overall
47-49.6	Two ½" quartz veins, pyrite on seams
63.5-66	Narrow carbonate beds with pyrite
87.5-88	Diabase, chilled light grey with maroon tinge fine grained V-shaped contacts @ 45° to CA
96.8	Narrow pyrite seam
97.2-97.5	Quartz-feldspar vein pinkish cast at top end
142.2	½" quartz vein with 3% pyrite

142.7 2" quartz, chlorite on fractures

143.5 1" quartz vein 5 mm bleb of pyrite

145.9 2½" quartz-chlorite vein no sulphides

148 1½" quartz vein no sulphides

168.9-169.5 Two 1½" quartz veins

169.8 4" cobble of diorite

170-171 6½" quartz vein with 2-3% Asp

173.3-173.7 3½" quartz vein with 2% Asp

180-180.5 3" quartz with feldspar vein @ about 45° to CA hairline fracture with white and yellow carbonate

183.3-185 Four 1" quartz veins in greywacke

194 1"-1½" feldspar-carbonate breccia vein Feldspar is reddish-pink contacts highly sheared @ 30° to CA

219-271 Arkose or thickly bedded greywacke massive to thickly bedded grey medium grained Some quartz and carbonate veining

228.5 3/8" aphanitic silica vein no mineralization

251-255 Badly broken core, many hairline white carbonate (calcite) veinlets

255.3 3/8" quartz vein no mineralization

271-347.3 Greywacke-Argillite thinly bedded black argillite beds with lighter grey to greenish greywacke and chloritic beds Dark greasy looking quartz bands or irregular veins. No clasts

271.5-273.3 Irregular quartz veins or lenses black greasy appearance

273.4 3" apple green fuchsite alteration along beds with carbonate

274 Black greasy looking quartz veins

275-275.3 A little Asp

293.6 ½" quartz-carb vein

294.6 1" quartz vein, black greasy looking 1% Asp

294.9 1" carbonate zone

297.5-298.5 Two 1" quartz veins, one ¼" quartz vein Black greasy looking, a little pyrite

302.8-304 Irregular quartz veining

304.5 1" irregular quartz vein 3% Asp

305.2 1"-1½" irregular quartz vein

305.7 Strong kink banding with carbonate

305.9 Pyrite seams with carbonate

340-345 Irregular quartz and carbonate veining scattered along section

347.3-365.9 Arkose or thickly bedded greywacke as 219.7-271

365.9-397.5 Greywacke argillite as 271-347.3

372.3-373.3 Thin bedded greywacke, no greenish beds

373.5 3" black greasy quartz vein diss Asp 1-2%

374.6 2" irregular quartz, pyrite trace Asp?

380-382.5 A few irregular quartz veins trace Asp

382.5-383.5 5" Irregular quartz veining 1% pyrite

397.5-406.3 Diabase, top end black, fine grained with a few black chlorite seams, lower end light grey chilled appearance with carbonate and 1/16" massive pyrite seams

402.6-403.9 Calcite vein with calcite-serpentinite veining at ends. Pyrite to 2% as cubes and blebs to 5 mm

406.3-410 Graphitic Argillite, black with shiny graphite on bedding planes, numberous small carb stringers at all angles giving breccia appearance. Core is badly broken possible fault

410-540 Arkose-Argillite. Thickly bedded arkose or greywacke grey to brownish grey medium to coarse grained with some argillite beds Carbonated with conformable bands and crosscutting thread veins No clasts

427.6-428.6 Argillic greywacke

428.6-430.3 1¼" quartz vein top end 5" quartz vein bottom end 1-2% Asp disseminated between quartz veins

430.3-431.6 Thin bedded greywacke with a few quartz-carbonate bands

434.5-435.5 Kink banded argillite ½" and 2" irregular quartz veining, 3% pyrite in seams in quartz

481-486 Argillic greywacke with irregular quartz veining trace-1% Asp with quartz

501-506 Greywacke with argillite bands carbonate stringers and beds to 503.5. Irregular quartz veining with greywacke and chlorite inclusions. Scattered blebs and crystals of Asp mostly in top half. A little pyrite and trace Asp in quartz veins

512.2-513.2 Irregular quartz veining trace pyrite

530-530.7 Irregular oily appearing quartz veining, much chlorite, trace pyrite

532.2-532.8 Black to white oily quartz vein, trace pyrite

538.9-540.2 Irregular quartz and carbonate stringers trace Asp

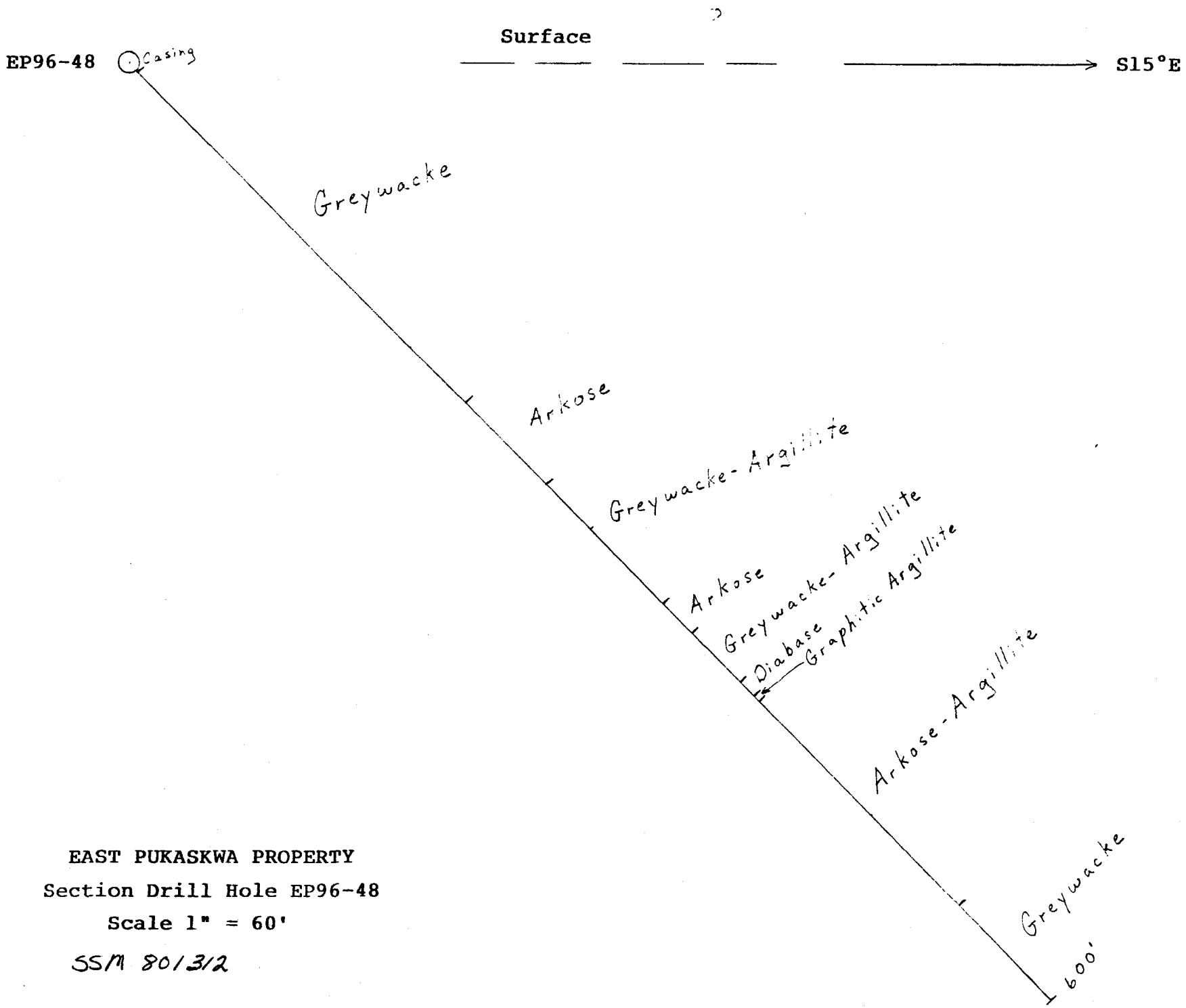
540-600 Greywacke, thin bedded with some thicker bedded sections at the bottom end

563.3 2½" diabase dyke, dark maroon coloured contacts 45° to CA

565.5-570 Diabase dyke weaves in and out of core at all angles and along core in places. Dark maroon colour, fine grained with a little chlorite on contacts

573.4-574 Quartz vein, black to white, oily appearance, a little chlorite no visible sulphides.

END



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-48

Scale 1" = 60'

SSM 80/312

Hole EP96-49

Start: 24/01/96 Finish: 25/01/96 Depth: -600'

Azimuth: 160° Dip Collar -45°

Easting: 2650E 600' 56° uncorrected
48°15' corrected

Northing: 1230N Elevation: Logged by R.A. MacGregor

CORE SIZE: BTW
BRITON BROS. DRILLING

CLAIM # 779117

FINISHED Logging Jan 31/96

SUMMARY LOG

0 - 10	Casing
10-80.1	Arkose & Greywacke
80.1-147.8	Greywacke
147.8-166	Arkose
166-170	Graphitic Argillite
170-231.3	Arkose
231.3-358.5	Greywacke
358.5-378	Arkose
378-445	Greywacke
445-455.8	Arkose
455.8-492.2	Greywacke
492.2-598	Arkose, silicified
598-600	Greywacke

* CORE STORED AT CAMPSITE, EAST SIDE OF Aardvark Lake
(claim #779117)

Hole EP96-49

SAMPLES

Number	Interval	Feet	Au ppb	
114	94.5-95	0.5	9	Hairline py seams
115	166-170	4.0	1	Graphitic argil 5% py Qtz-carb bx
116	237-237.5	0.5	19	Narrow qtz tr Asp
117	274.5-275.5	1.0	13	Carb zones py tr Asp
119	278.9-283.4	4.5	866	Qtz & carb beds tr Asp & py
118	312-313	1.0	591	Narrow bed with tr Asp
120	337-337.5	0.5	570	3/4" irreg qtz vein 1% Asp
121	378-380	2.0	123	Qtz & Narrow bed with 5% Asp
122	381-382.1	1.1	6	Carb zone around clast py & Asp
123	383.7-385.3	1.6	31	Diss py 1-2%
124	387.9-388.7	0.8	32	Diss py 1%
181	392.5-400	7.5	89	Diss py
182	400-405.8	5.8	13	Diss py
177	426.9-428	1.1	24	½" qtz vein 10% po, tr py
125	463-466.5	3.5	57/42/53	Narrow qtz veining
12301	496.5-498.9	2.4	15	Silic qtz stringers
176	498.9-500.2	1.3	18	Qtz vein, dark
12302	500.2-502.5	2.3	8	Silic qtz stringers
12303	502.5-505	2.5	10	Silic qtz stringers
12304	505-507.5	2.5	12	Silic qtz stringers
12305	507.5-510	2.5	12	Silic qtz stringers
178	510-510.5	0.5	8	3/4" grey Qtz vein
12306	510.5-512.5	2.0	132	Silic qtz stringers
12307	512.5-515	2.5	21	Silic qtz stringers

179	515-516.2	1.2	21	Grey qtz vein, chl py
12308	516.2-517.2	1.3	17	Silic qtz stringers
12309	517.2-520	2.5	7	Silic qtz stringers
12310	520-522.5	2.5	22/17/21	Silic qtz stringers
12311	522.5-525.25	2.75	9	Siliceous
180	525.25-526	0.75	10	Irreg qtz vein
12312	526-529	3.0	12	Siliceous

Hole EP96-49

Start: 24/01/96 **Finish: 25/01/96** **Depth: -600'**

Azimuth: 160° **Dip Collar -45°**

Easting: 2650E **600'** **56° uncorrected**
48°15' corrected

Northing: 1230N **Elevation:** **Logged by: R.A. MacGregor**

0 - 10	Casing	
10-80.1	Arkose to Greywacke, arkose or thick bedded greywacke, massive to thickly bedded grey, medium to coarse grained with grey to light grey sections of thinly bedded greywacke containing some very narrow dark green bands	
	21	½" glassy quartz no mineralization
	22	1½"-2" irregular quartz vein, glassy no mineralization
	22.3	3/4" clast white silicified
	24.3	½" quartz and some greenish banding no mineralization
	27.3	1" quartz vein @ 25° CA bluish colour
	39	1" quartz vein
	39.2-42.1	Thin bedded greywacke with some pebbly clasts black to dark biotite? bands with lighter carbonate bands
	45.9	2" to 2½" irregular quartz vein, oily appearance
	66.9	1 3/4" bed of light arkose
	79.3	1½" quartz vein with darker fragments

80.1-147.8 Greywacke, thinly bedded, becoming highly carbonated down the hole with many carbonate bands, grey becoming greenish from about 139 No clasts

80.3 Thread vein massive pyrite

80.9 Thread vein massive pyrite

81.4-81.7 Strongly carbonated as thread veins and small fragments, breccia appearance

83.5 1½" Quartz vein, light green chlorite on fractures

85 Pyrite around a 3/4" quartz pebble clast

85.4-85.6 Carbonate stringer veining

89.5 Hairline pyrite in dark greenish bed

90.9 3/8" quartz vein

94.7 Hairline massive pyrite

97 3/4" to 1" irregular quartz, white with darker fragments, no mineralization

100.4 Hairline massive pyrite

103.8 1" to 1½" irregular quartz vein, no mineralization

121.4-121.8 Numerous 2 mm fragments (lapilli) of pink granite

132.5 2¼" quartz veining

144 2 3/4" quartz vein, glassy

147.8-166 Arkose or thick bedded greywacke, grey medium to coarse grained, massive to thickly bedded with increasing argillite bands down the hole

166-170 Graphitic Argillite, sheared with irregular bedding and shiny graphite on shear planes Carbonate stringers with pyrite

168-169.2 Quartz-carbonate breccia with high graphite content 5% pyrite

170-231.3 Arkose or thickly bedded greywacke as 147.8-166 but with argillite bands decreasing down the hole

183.1 3/4" Quartz vein no mineralization

200.3 1 3/4" quartz vein no mineralization

203.7 ¼" and 3/4" quartz veins no mineralization

231-358.5 Greywacke, thinly bedded with some more thickly bedded section, foliated with greenish chloritic beds, carbonated No clasts

237.3 ¼" quartz with a little Asp.

274.3 ½" carb. zone with pyrite trace Asp

275.2 ½" carb. zone with pyrite trace Asp

278.9-283.4 Carbonate beds and quartz vein, pyrite a trace Asp

283.3 1½" quartz vein trace Asp

298.2 1¼" bluish quartz vein no mineralization

301 2" bluish quartz vein no mineralization

309 ¼" Quartz breccia vein 5% pyrite @ 30° to CA

312-313 Trace Asp on narrow chlorite beds

323.5 1" to 1½" very irregular quartz vein no mineralization

326.3 1¼" grey quartz vein with white quartz in centre, no mineralization

337.2 3/4" irregular quartz vein 1% Asp

354 2½" irregular quartz vein over ½ of core

358.5-378 Arkose or thick bedded greywacke, grey, medium to coarse grained

378-445 Greywacke, thinly bedded, greenish chloritic beds, a little carbonate, a few scattered pebble sized clasts, pyrite along narrow beds. Strongly foliated @ 80° to CA.

378-380 Pyrite in narrow beds

378.1 3/8" quartz vein with 5% pyrite

381.6 Pyrite and Asp in carbonate zone around pebble clast

383.7-385.3 1-2% pyrite in narrow beds and disseminated

387.9-388.7 1% pyrite in narrow beds and disseminated

392.5-400 Pyrite disseminated, in narrow beds and as hairline stringers 1%

400-405.8 Pyrite disseminated, in narrow beds and as hairline stringers 1%

405 2½" irregular quartz vein, no mineralization

409.4 1½" silicified zone, no mineralization

427 ½" quartz vein with 10% pyrrhotite

432.5 2" quartz vein, a little chlorite

442.3 1½" quartz vein, a little chlorite

445-455.8 Arkose or thickly bedded greywacke as 358.5-378

451.3 1/8" quartz-pyrite vein

453.7 Hairline massive pyrite seam

455.8-492.2 Greywacke, thinly bedded grey with greenish beds, a few pebble sized clasts mostly silicified or granodiorite. Lapilli beds with blue quartz eyes. A few arkose beds

460.7 2" grey to dark reddish quartz vein trace pyrite

463.1 ½" to 3/4" quartz vein

463.6 Pyrite around whitish granodiorite pebble clast

463.9 ¼" carbonate-sulphide band

465.8 1"-1½" quartz vein with pyrite

469.3-472.3 Arkose

475.4-476.3 Arkose

498.8-500.2 4½" oily quartz vein followed by narrow quartz vein

510.2 3/4" Grey oily quartz vein in arkose

515-516.2 9" Grey oily quartz vein, a little chlorite on slips, pyrite on margins

525.25-525.5 Dark oily quartz vein, very irregular possibly 45°or 30° to CA

492.2-598 Arkose, or thickly bedded greywacke. Siliceous, medium to coarse grained scattered quartz stringers and a few quartz eys. A sheared and brecciated zone

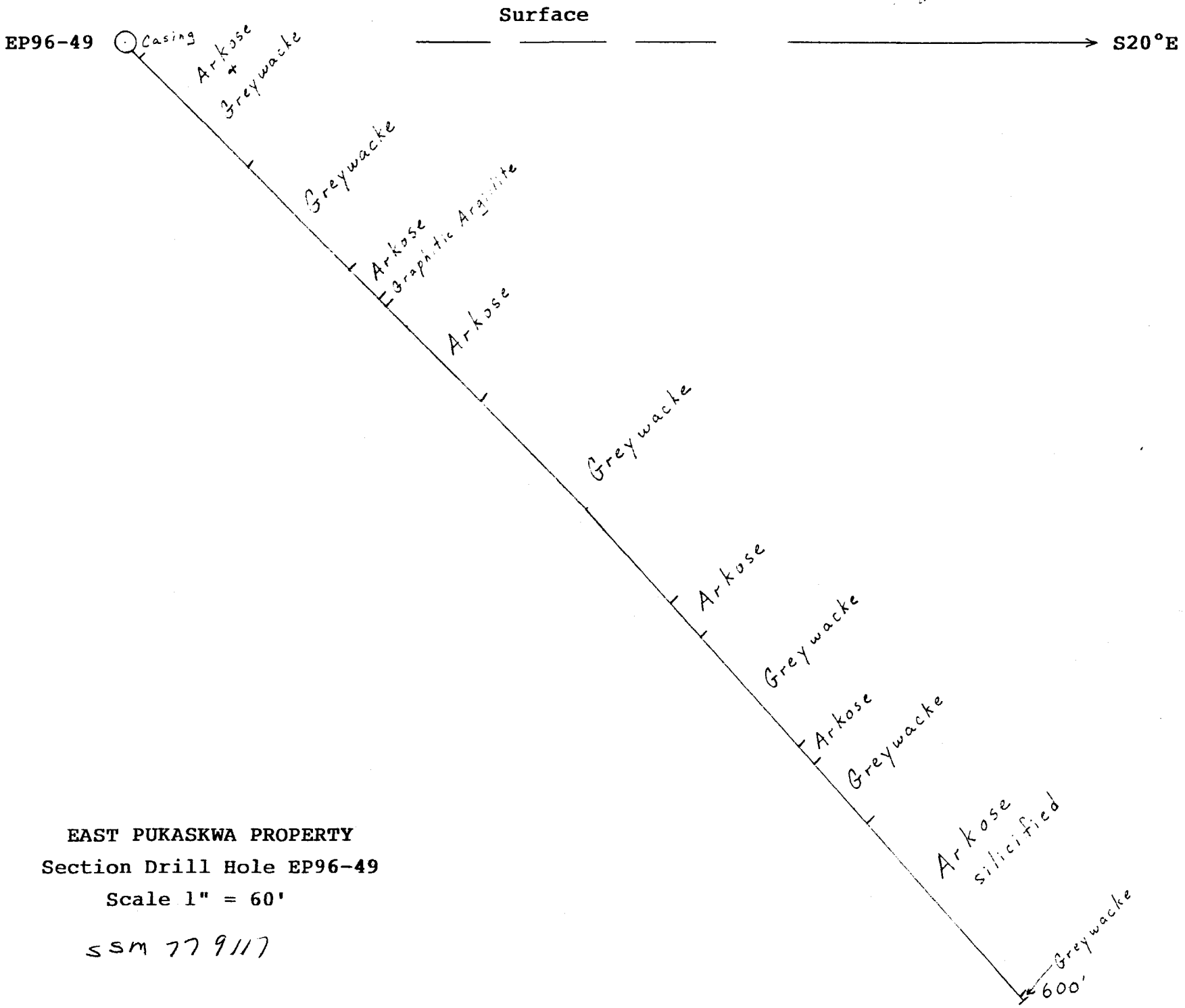
496.4-522.5 Silicous a few quartz stringers and scattered quartz eyes

526.5-583 (Boxes 28to 30) Core boxes upset and partly jumbled. A number of blue-grey quartz veins up to 1½" no mineralization visible. At approximate end of box 29 start of box 30 approximately 10 feet of highly sheared and brecciated zone light yellowish grey in colour, bedding distorted and sericitized. No significant mineralization noted.

598-600 Greywacke, thin bedded bands of greenish to grey to darker material, highly foliated @ 80° to CA carbonated with hairline carbonate stringers
A few quartz pebble casts elongated parallel to bedding

END

S. Sears
(for R. MacGregor)



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-49

Scale 1" = 60'

ssm 77 9117

Hole EP96-50

Start: 22/01/96 Finish: 23/01/96 Depth: 600'

Azimuth: 160° Dip Collar -45°

Easting: 2820E 600' 54°45' uncorrected
47°20' corrected

Northing: 1090N Elevation: Logged By: R.A. MacGregor

Core size: BTW
Briton Bros. Drilling

Claim # 779117

Finished Logging
Feb 2/96

SUMMARY LOG

0 - 10	Casing
10 - 178.1	Greywacke, thinly bedded, pebbly
178.1-297.2	Arkose
297.2-345	Greywacke, thinly bedded weak conglomerate
345-375	Diabase
375-504.4	Pebbly greywacke
504.4-530.5	Arkose
530.5-600	Greywacke, thinly bedded, chloritic

Core stored at campsite, East side of Aardvark Lake (Claim # 779117)

Hole EP96-50

SAMPLES

Number	Interval	Feet	Au ppb	
8484	53.1-54.8	1.7	87	Narrow qtz & biotite bands 1% Asp
8485	82.1-83.2	1.1	8	Qtz veining
8486	149-151	2.0	2310	Qtz veining blackish
8487	161.7-162.7	1.0	60	Qtz veining blackish
8488	165-165.5	0.5	24	Qtz veining blackish
8492	275-277	2.0	6/9/7	Qtz veining glassy
8489	303.4-304.4	1.0	136	Diss py, silic beds
8490	319.5-320.5	1.0	52	Silic bed py
8491	327.4-328.4	1.0	147	Qtz vein py
8493	380.5-381.5	1.0	27	1/8" seam 5% Asp
8494	395.1-396.6	1.5	12	Silic zone, qtz vein
8495	423.8-424.8	1.0	18	Qtz vein, sulph
8496	482-484	2.0	325	Py seams, Qtz veining
8497	486-488	2.0	270	Py seams, silic zones
8499	490.8-496.6	5.8	203	Gwk py seams 1%
8500	501.8-507	5.2	85	Gwk py seams 1%
8498	511.2-513.4	2.2	13	Qtz vein, glassy
101	518.4-519	0.6	343	Seams with 1% Asp
102	525.2-525.7	0.5	12	Qtz & carb, sulph
103	534.5-535.6	1.1	12	Qtz veining
104	538.5-540	1.5	3	Qtz & carb veining py
105	540-541.5	1.5	525	Narrow carb veins with Sphal?

106	544.1-546.1	2.0	35	Carb bands, py
107	555-556	1.0	204	3/4" carb band 20% py
108	560.8-565	4.2	111	carb & py seams
109	565-568.5	3.5	199	carb & py seams
110	568.5-575	6.5	258 192/171	Py in seams
111	575-580	5.0	365	Py in seams & diss.
112	580-585	5.0	222	Py in seams & diss qtz vein
113	585-590.3	5.3	209	Py in seams, qtz veining

Hole EP96-50

Start: 22/01/96 **Finish:** 23/01/96 **Depth:** -600'

Azimuth: 160° **Dip Collar** -45°

Easting: 2820E 600' 54°45' uncorrected
47°20' corrected

Northing: 1090N **Elevation:** **Logged By:** R.A. MacGregor

0 - 10 Casing

10-178.1 Greywacke, highly bedded with green chlorite and light grey-green beds, a few scattered pebble sized clasts. Some narrow porphyry sections, may be flattened pebbles of lapilli beds. Narrow grey carbonate and silicified beds. Scattered blue quartz eyes. Foliation @ 80°-90° CA

53.1-54.8 Qtz veining 0.6' with 1% Asp in walls of qtz vein brownish-black bands of biotite

65-70 Badly broken core, many slips at various angles coated with light greenish alteration

69.2 Fault gouge, light greenish mud - Fault

82.1-83.2 Three irregular qtz veins 1" wide with chlorite and carbonate, no sulphides

110.6 1" irregular qtz vein

112.8 1" strongly sericitized zone crosscutting foliation @ 45° to CA Bedding is highly distorted and sericitized to 116

76.3 2" dark grey to black aphanitic felsite dyke? with numerous hairline carbonate stringers at all angles to core

149-151 In first 1' a ½" and 1 ½" qtz veins, black and white qtz oily appearance. A little chlorite in fractures in qtz. Bottom end 6" qtz vein more glassy appearance no mineralization

161.7-162.7 Three to 3½" irregular qtz vein, Blackish oily appearance with narrow qtz-carb beds in gwk

165-165.5 3-3¼" irregular qtz vein, blackish oily appearance

178.1-297.2 Arkose or thickly bedded greywacke, massive grey to brownish grey, coarse to medium grained, weakly bedded, carbonate as thread veins. Becoming broken and sheared with strong carbonate toward bottom end. Some qtz veining

From 196 core is badly broken

From 220 Carbonate breccia, highly sheared and broken core along calcite veins and veinlets at all angles, muddy possible fault gouge

263.5 ½" qtz vein, glassy white qtz

264.0 1½' qtz vein, glassy white qtz

275-277 2½" irregular glassy qtz vein at top end 1½"qtz vein, glassy white qtz bottom end

297.2-345 Greywacke, highly bedded with green chlorite and light grey-green beds, a few scattered pebble sized clasts to cobbles in bottom end. A few narrow lapilli beds and scattered blue qtz eyes

303.4-304.4 Porphyry clast or bed with 2% py in top end, silicified bed and a little disseminated pyrite in bottom 0.2'

319.5-320.5 ¼" silicified bed and disseminated pyrite top end, 5/8" qtz alongside a mineralized granite pebble at bottom

327.4-328.4 2" qtz vein with pyrite in centre

From 320 granite pebbles and cobbles

341-345 Orangy-red feldspar alteration

345-375 Diabase, ophiolitic texture, black with greenish tinge in places, whitish ophiolites, many seams and thread veins of chlorite, calcite, orange-red feldspar and serpentine

346-346.5 Orange-red feldspar vein, a little chlorite and carbonate in the vein with very irregular contacts

353.373.5 Core is sheared and badly broken along numerous slips filled with chlorite or calcite or sepentine. May be faulted

367 ½" feldspar-carbonate vein @ 20° CA

375-504.4 Pebbly greywacke, porphyry and granite clasts in a finely bedded, sheared chloritic to greywacke matrix, fine grained, greenish to grey colour
Pyrite as 1-2 mm cubes and disseminated in beds
1% overall

375-381 Faint reddish-orange (feldspar) alteration

380 1/8" seam with 5% Asp

395.2 3" mineralized clast

395.8 3/4" silicified zone

396.3 3" irregular qtz veining

423.2 4" qtz veining with sulphides

436 1" carb breccia zone @ 30° CA

482 Pyrite seams in gwk

483.5 2" to 2½" sections qtz veining

486-488 Pyrite seams and a few narrow silicified zones

From 420 number and size of pebbles decrease to almost none at 504

490.8-496.6 Pyrite seams in foliated gwk 1%

501.8-507 Pyrite seams in gwk 1%

504.4-530.5 Arkose or thickly bedded greywacke, massive grey to brownish grey coarse grained weakly bedded with sections of thinly bedded chloritic greywacke

511.4-513.4 Quartz vein, white, glassy no mineralization

518.4-519 Two small seams with 1% Asp. carbonate beds

525.2-525.7 Thin bedded chloritic greywacke with qtz and carbonate beds Tr sulphide

530.5-600 Greywacke, thinly bedded chloritic greywacke strongly foliated 80°-90° to CA greenish to grey with darker bands. No pebbles except a few at the bottom of the section. Pyrite in seams and disseminated as blebs and cubes to 2 mm.

534.5-535.6 Qtz veining in gwk, glassy qtz no mineralization

538.6 3" qtz veining

539.2 2½" carbonate veining with pyrite

540.2 1/8" carb vein with sphalerite

540.5 1/8" carb veining with sphalterite

541 Pyrite seams

544.1-546.1 Carbonate bands with pyrite

555.4 3/4" carbonate band with 20% pyrite as cubes to 2 mm

560.8-565 Carbonate and pyrite seams

566.9 ½" qtz vein with pyrite

566.4 Qtz with pyrite, black biotite bands

566.6 ¼" silicified zone 10% pyrite

567 narrow open seams from leaching out of carbonate, ¼" irregular qtz vein @ 45° to CA

567.5 ¼" to ½" carbonate vein @ 30° CA
red earthy hematite on fractures

568.5-590 Pyrite on seams 1-2% overall disseminated and as cubes to 2 mm

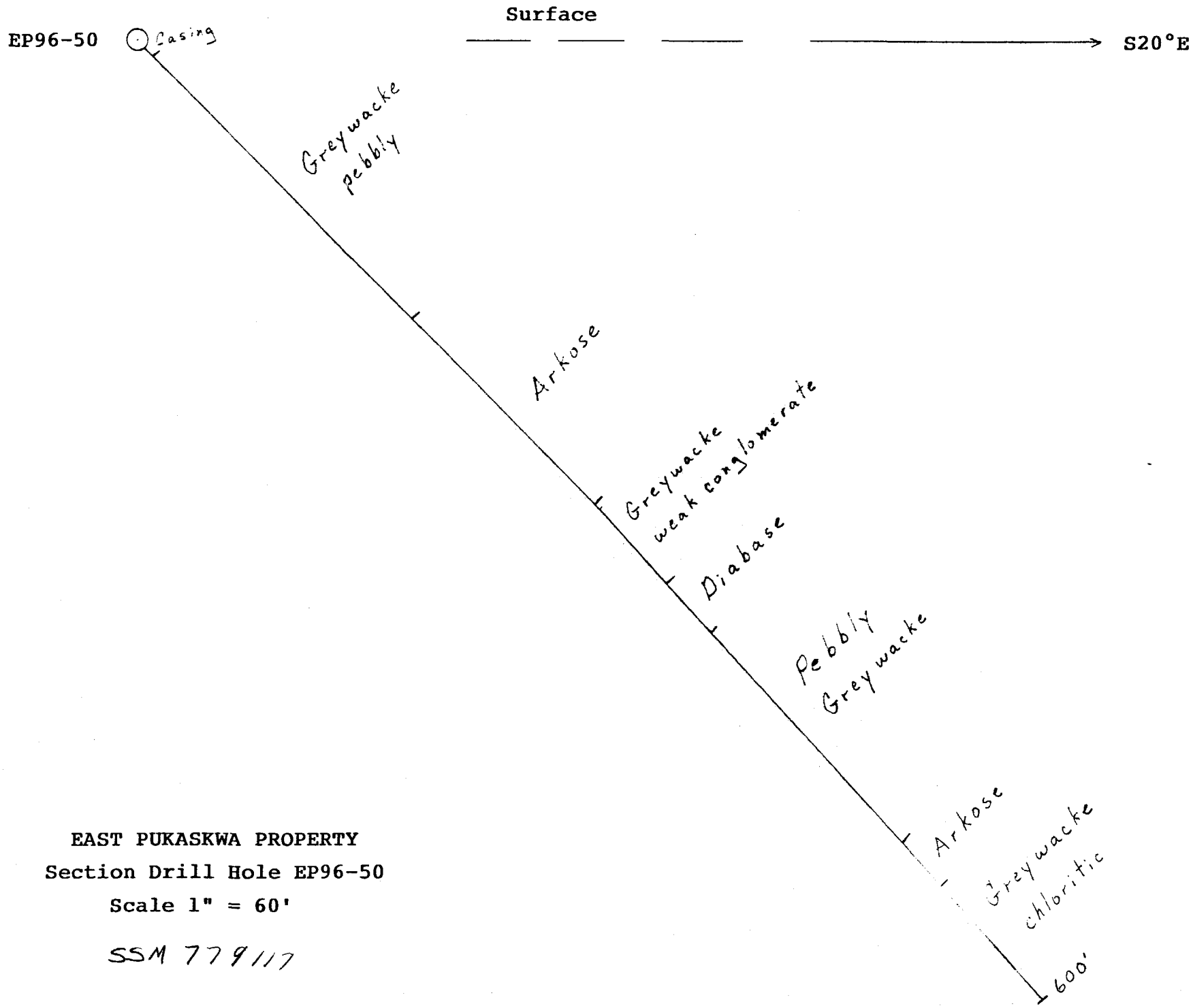
582.5 2½" qtz vein, no mineralization

589 2½" qtz vein

590 1½" qtz vein

END

S. Sears
(for R. MacGregor)



EAST PUKASKWA PROPERTY

Section Drill Hole EP96-50

Scale 1" = 60'

SSM 779117

Hole EP96-51

Start: 25/01/96 Finish: 26/01/96 Depth: -550'

Azimuth: 160° Dip Collar -45°

Easting: 2875E 200' ~~55°~~ ~~uncorrected~~ ~~47½°~~ corrected

Northing: 950N Elevation Logged by R.A. MacGregor

CORE SIZE : BTW

BRITON BROS DRILLING

CLAIM # 779117 -145'

± 753852 - 405'

Finished Logging on Feb 4/96

SUMMARY LOG

0 - 10	Casing
10-340	Greywacke, thin bedded
340-345	Greywacke, silicified
345-367	Greywacke, thin bedded
367-483	Pebbly greywacke
483-550	Arkose

* CORE STORED AT CAMPSITE ON EAST SIDE OF Aardvark Lake (claim# 779117)

Hole EP96-51

SAMPLES

Number	Interval	Feet	Au ppb	
183	14.4-18.8	4.4	22	Carb bands, py
184	56.4-57.9	1.5	455	Qtz veining
185	76.4-79.4	3.0	69	Carb beds py
187	105.7-106.5	0.8	8	Qtz vein, glassy
186	119.3-121.1	1.8	13	Qtz vein glassy hematite stain
188	138.5-142.5	4.0	4	Qtz veining
189	153.5-154.1	0.6	10	Carb bands py, py seams
190	156-159.5	3.5	198	Carb & py seams, diss py
191	208.5-211	2.5	33/38 25	Diss py 1-2%
192	213.5-214.1	0.6	13	Qtz veining, hem. alt.
193	244.1-245.2	1.1	43,500	Qtz vein, hem gwk
194	259-260	1.0	980/790	Qtz vein, py blebs
195	281-283.6	2.6	271	Qtz vein, silic zone 3-4% py
196	312.9-318.5	5.6	95	Qtz veining 1-2% py
197	340-345.3	5.3	37	Silic & folded, py
198	345.3-347.6	2.3	93	Qtz veining
199	363-364.5	1.5	88	Py in narrow beds
200	364.5-366	1.5	648	Carb & silic beds py
12313	384.5-385.5	1.0	7	Qtz-carb bands py
12314	389.5-390.8	1.3	53	Py in beds
12315	395-395.5	0.5	9	Qtz veining, chl & py
12316	414.6-416	1.4	19	Diss py
12317	422.5-425.5	3.0	127	Diss py 2-3%
12318	448.7-450	1.3	12	Qtz vein py Tr Asp

12319	457.4-458.5	1.1	5	Diss py beds
12320	468.5-469.6	1.1	71/72 118	Silic-carb bed py
12321	477-479	2.0	8	Vein 2% py
12322	481.5-482.5	1.0	115	Diss to mass py seams
12323	500-501.8	1.8	10	Asp seam, diss py
	510-512	2.0	51	Qtz veining with 2% Asp
12324	515.2-516.6	1.4	41	Qtz-carb veining chal
12325	537.8-540	2.2	7	Qtz veining with Asp

Hole EP96-51

Start: 25/01/96 **Finish:** 26/01/96 **Depth:** -550'

Azimuth: 160° **Dip Collar** -45°

Easting: 2875E 200' ~~55~~ 47½° uncorrected 44° corrected 43°

Northing: 950N **Elevation** **Logged by R.A. MacGregor**

0 - 10 Casing

10-340 Greywacke, thinly bedded, alternate bands of grey-green chloritic material and darker to blackish bands. Scattered clasts of diorite, quartz from 4" to lapilli size, carbonated, quartz and carbonate veining, scattered pyrite mineralization as cubes to 3 mm trace to 1% pyrite overall

14.4-18.8 carbonate bands from 1/8" to ½" with pyrite

39.5 ½" to 3/4" irregular glassy quartz vein, pyrite to 4 mm on margins as cubes

55 2" irregular quartz vein, glassy with light green chlorite, rare splotch of pyrite

76.5 1/8" black (chlorite?) bed, pyrite

76.8 3/8" black with white carbonate bed, pyrite

77.1 ½" carbonate bed 10% pyrite

77.5 ¼" black bed with pyrite

78.7 1½" light green silicified zone

79.2 2½" quartz vein with pyrite

80.2 1/8" carbonate with 3 mm pyrite cubes and blebs

85 ½" carbonate zone with 3% pyrite

105.1-105.4 4" to 4½" glassy quartz vein with chlorite, no sulphides

119.5-119.9 4" quartz vein, glassy with hematite on slips

119.9-121 Hematized, red stained

125.6-128.5 Diabase dyke, chilled margins core is badly broken and fractured, slips at all angles

138.6 1" light white to greenish silicified band, trace pyrite

139.1-141.2 Quartz veining, glassy to oily with greywacke inclusions

142.3 1" to 1½" irregular quartz vein, oily appearance, no mineralization

153.6-153.8 Two 1/8" carbonate bands with pyrite

153.9-154.1 Pyrite along seams

156-159.5 Carbonate and pyrite seams, some pyrite disseminated as 3 mm blebs

170.5-171.2 Arkose, or thick bedded greywacke

182 Two 1/8" carbonate beds with pyrite

183.5 1/8" carbonate bed with pyrite

197.5-198.2 Arkose or thick bedded greywacke

202.1 1/4" carbonate bed with pyrite

208.5 2" section of finely disseminated pyrite in thick bedded greywacke 3-5% pyrite

208.7-211 1-2% disseminated pyrite

213.5-214.1 1½" and 3/4" quartz veins, blue grey oily appearance. A little reddish hematite alteration of adjacent beds

216-217 Hematite alteration of greywacke beds

216.3 1" to 1½" quartz vein, deep reddish color, no mineralization

216.7 1/8" calcite vein and greenish muddy gouge, fault?

From 225 to about 275 occassional beds show faint reddish colouration from hematite alteration. Appears to have selectively but weakly altered some beds

225.7 ¼" bed with 5% pyrite as 2 mm blebs and cubes

244.1-245.2 Quartz vein, grey oily appearance with .3' slightly hematized greywacke at bottom end

259.8 1½" blue-grey oily quartz vein, very irregular, pyrite blebs in adjacent greywacke

264-264.6 Strongly hematized and highly sheared possible fault

281.9 1½" greenish silicified zone 3-4% pyrite evenly disseminated

283-283.6 4" quartz vein, blue-grey oily

312.9-318.5 Pyrite disseminated as small blebs and cubes 1-2% overall

313.1-313.4 2½" to 3½" irregular glassy quartz vein, a little light green chlorite and pyrite

317.9-318.3 4" irregular glassy quartz vein

340-345.3 Greywacke, silicified, thinly bedded at margins to thicker in centre. Foliation changes from 80°-90° to CA to parallel to the core at 342-343 and then back to 70° to 80° to CA. Beds and silicified clasts appear elongated in direction of foliation pyrite as cubes to 2 mm

243.2 1" irregular quartz vein

345.3-367 Greywacke, thinly bedded as 10-340

345-3-346.3 3" irregular quartz vein, oily no visible mineralization followed by irregular quartz veining and small masses of quartz sub parallel to CA

363-364.5 Pyrite in narrow beds and around pebble clasts

364.6 1/8" brownish bed with pyrite

365 5/8" carbonate bed with pyrite

365.6 ½" carbonate bed with pyrite along margins

365.8 1" silicified bed with 3% pyrite

367-483 Pebbly greywacke, greywacke is thin bedded carbonated with sheared chlorite beds and greenish material. Some brownish coloured biotite? beds. Clasts are granodiorite, quartz or silicified material usually under 3" in size to lapilli size. Less disseminated pyrite than thinly bedded greywacke above

384.5-385.5 Brownish beds (biotite?) with hairline pyrite

384.8 5/8" quartz-carbonate band with pyrite

389.5-390.8 Pyrite in beds and disseminated around pebble clasts

395.3 1" grey oily quartz vein @ 45° to CA a little greenish chlorite with pyrite on margins

414.6-416 Fine disseminated pyrite

416 1¼" to 2" irregular silicified zone, pale grey-white, some pyrite

420.1 1½" to 2" quartz zone, some chlorite, grey oily quartz. A little pyrite in brown beds alongside

422.5-425.5 Pyrite in beds and very fine dissemination through section 2-3% overall

425.3 ½" greenish bed with 2-3% pyrite

449 3" quartz vein glassy to bluish with a little chlorite on fractures, pyrite, trace Asp

457.4-458.5 Dark beds with fine disseminated pyrite

468.5-469.6 Pyrite disseminated and in seams

469 5/8" silicified-carbonated bed with hairline pyrite seam in centre

477-479 Pyrite in seams and some beds

477.8-478.3 5" clast? with 2% pyrite

481.5-482.5 Fine disseminated pyrite

482.1 Hairline massive pyrite seam

482-550 Arkose or thickly bedded greywacke, massive to thickly bedded, grey medium to coarse grained featureless

500.2 Fine Asp seam

500.4-501.8 Fine disseminated pyrite

510.4 3/4" blue-grey quartz vein 2% Asp

510.8 ½" blue-grey quartz vein 2% Asp

515.3-515.6 3" irregular oily, grey-black quartz vein

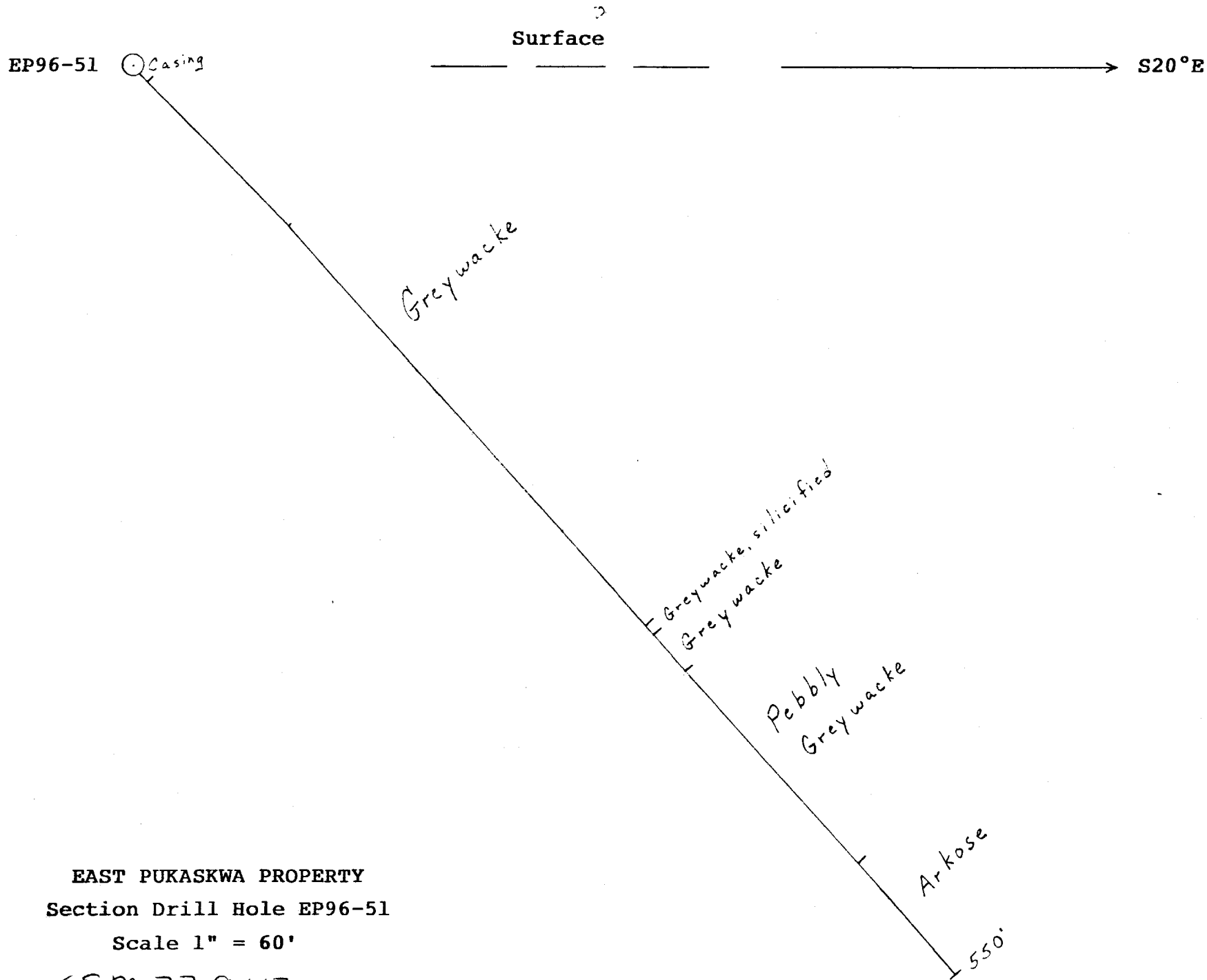
515.8 Hairline carbonate with chalcopyrite

538.1 ½" irregular quartz vein, trace Asp

539-540 A little irregular quartz veining

END

S. Sears
(for R. MacGregor)



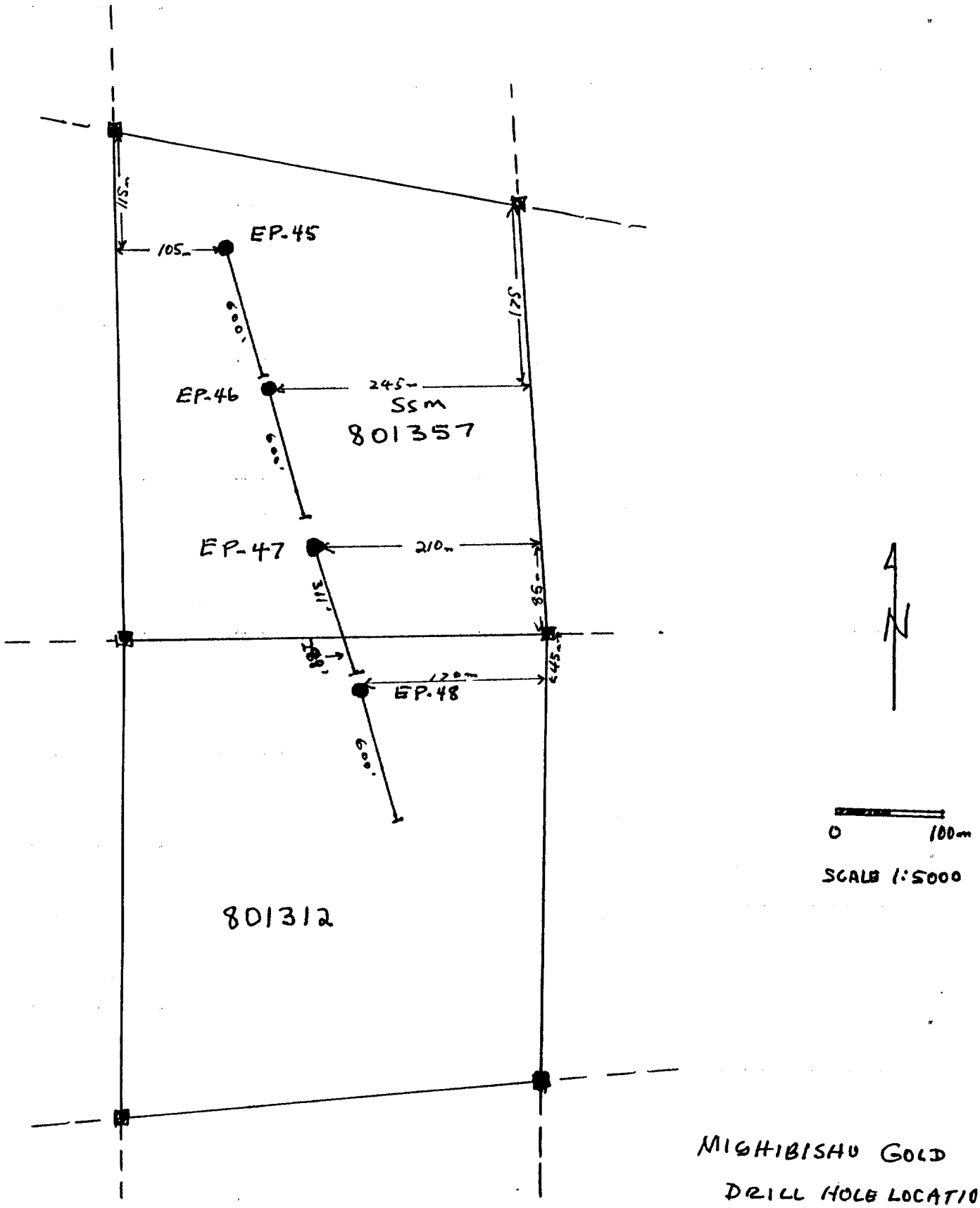
EAST PUKASKWA PROPERTY

Section Drill Hole EP96-51

Scale 1" = 60'

SSM 77 9117

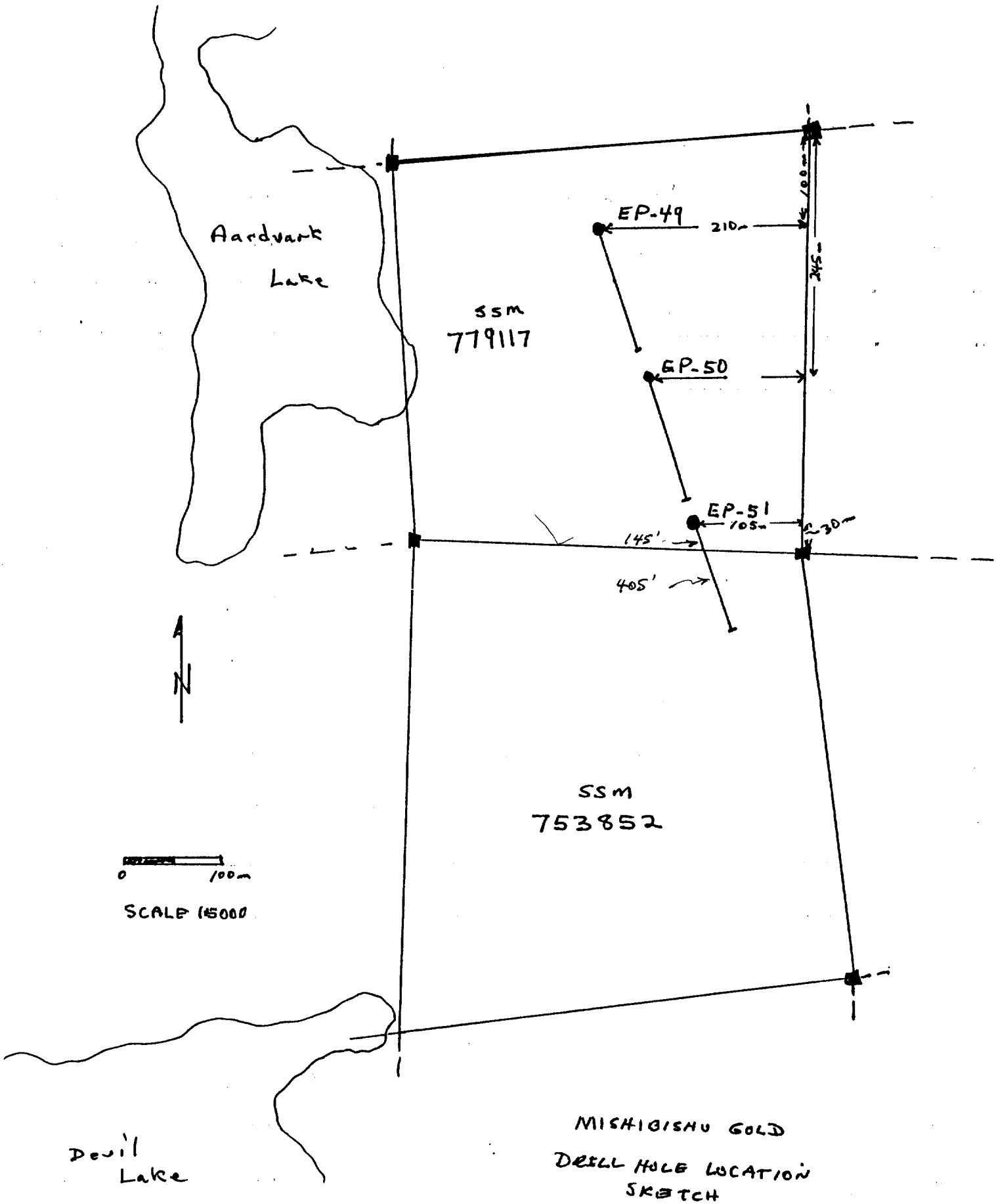
SSM 753852

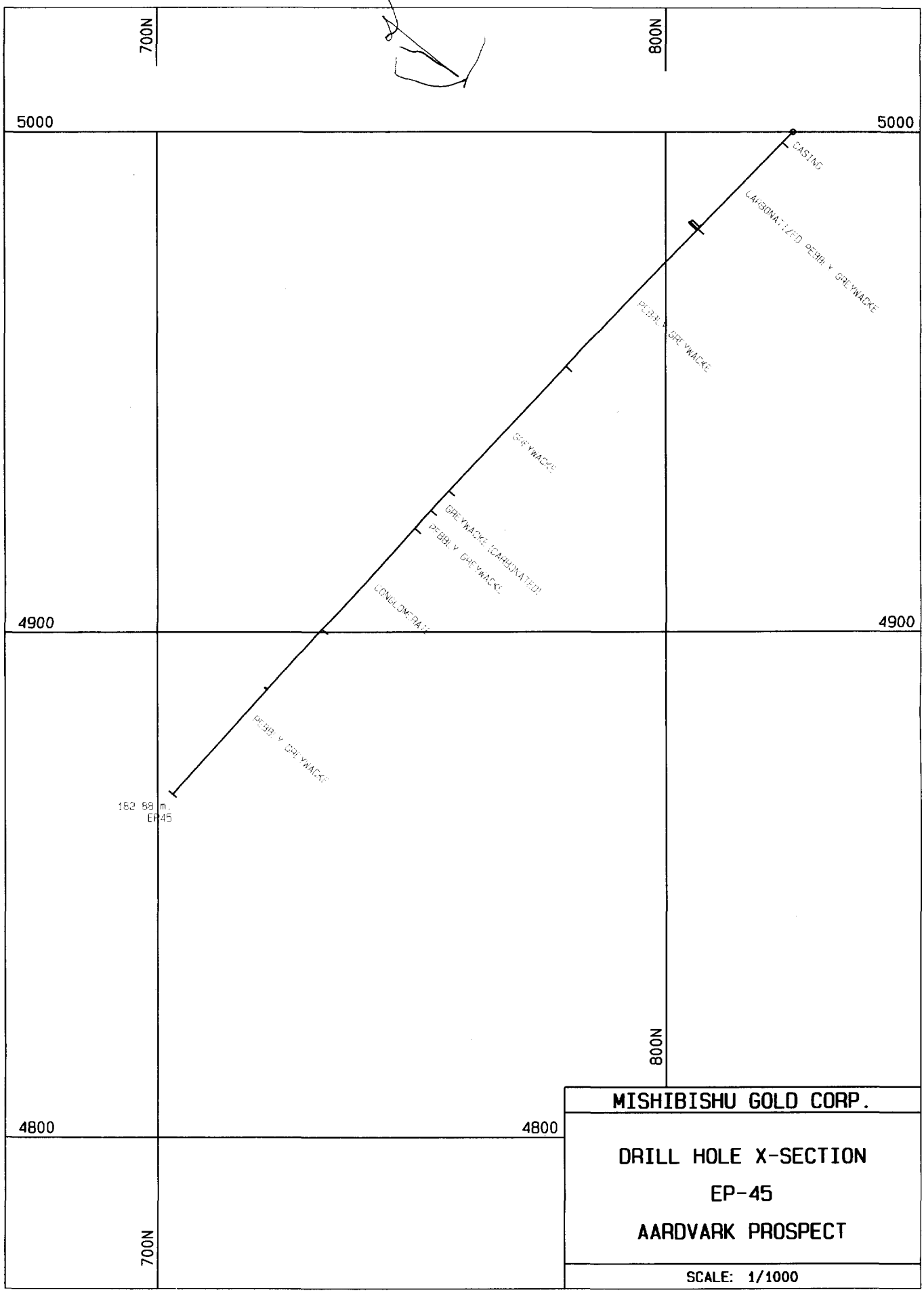


MIGHIBISHU GOLD

DRILL HOLE LOCATION

SKETCH


Aardvark Lake
SSM 779117
EP-49
210m
100m
345m
EP-50
EP-51
105m
30m
145'
405'
N
SSM 753852
0
100m
SCALE 1:5000
Devil Lake
MISHIBISHU GOLD
DRILL HOLE LOCATION SKETCH



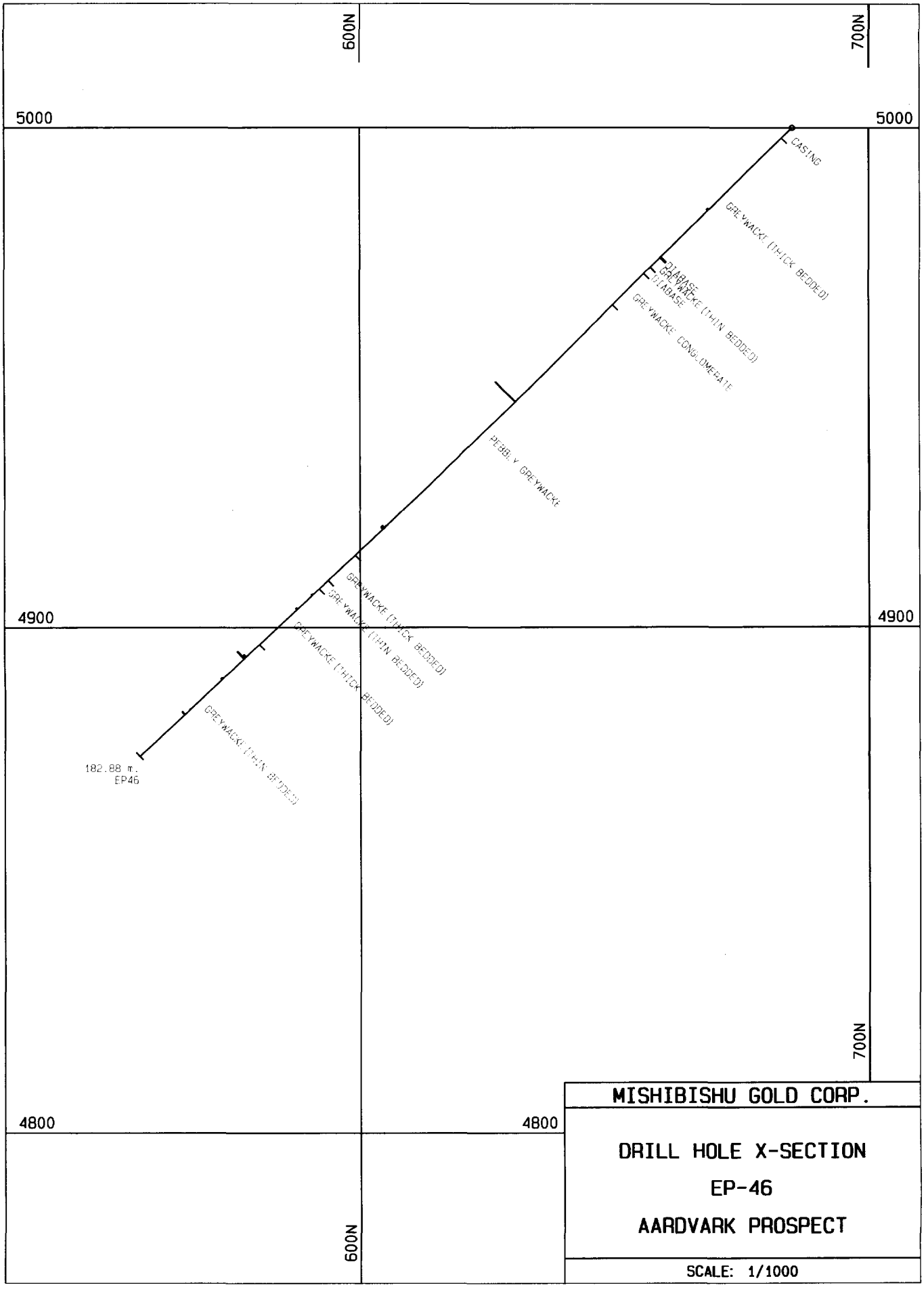
MISHIBISHU GOLD CORP.

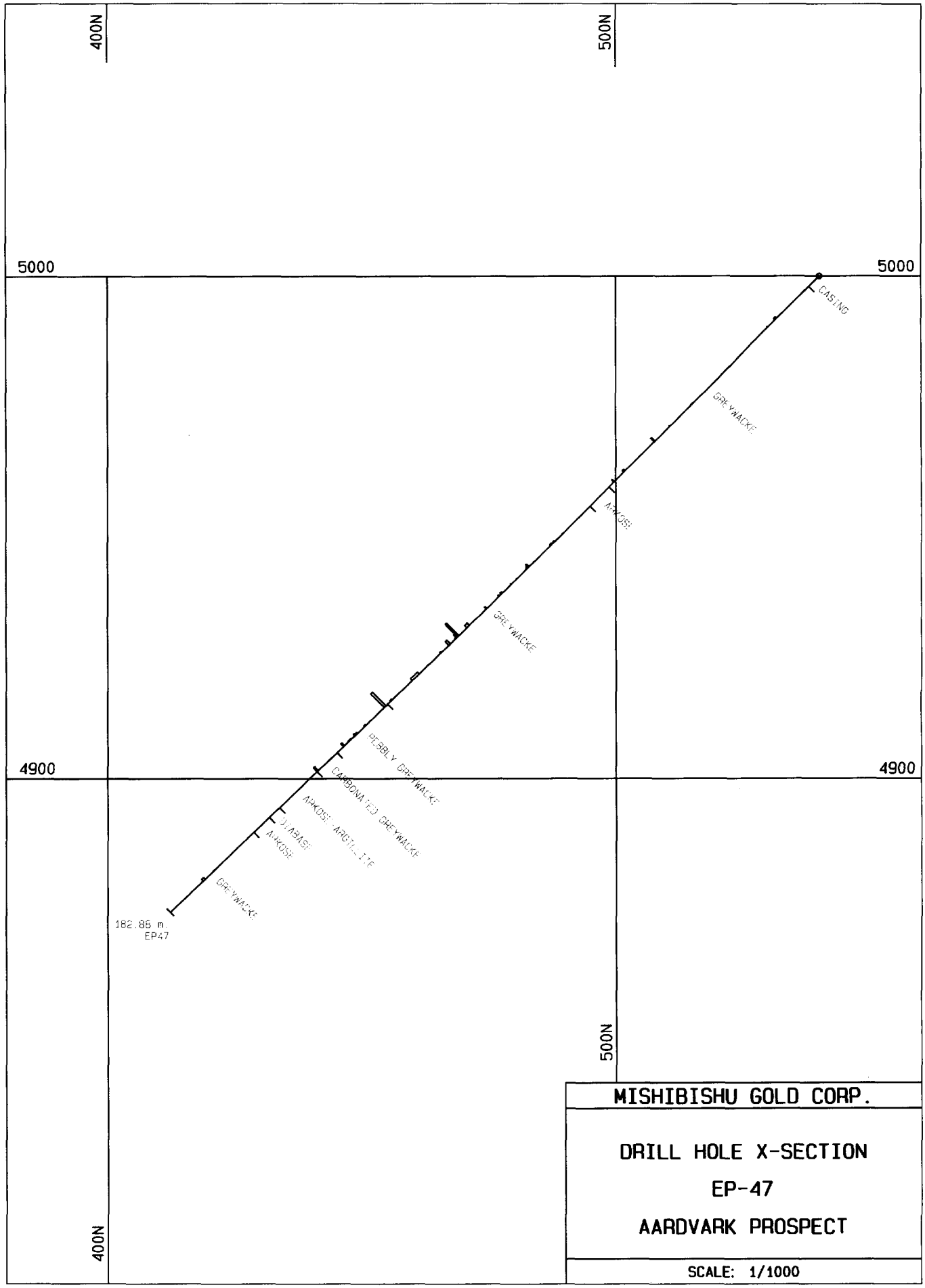
DRILL HOLE X-SECTION

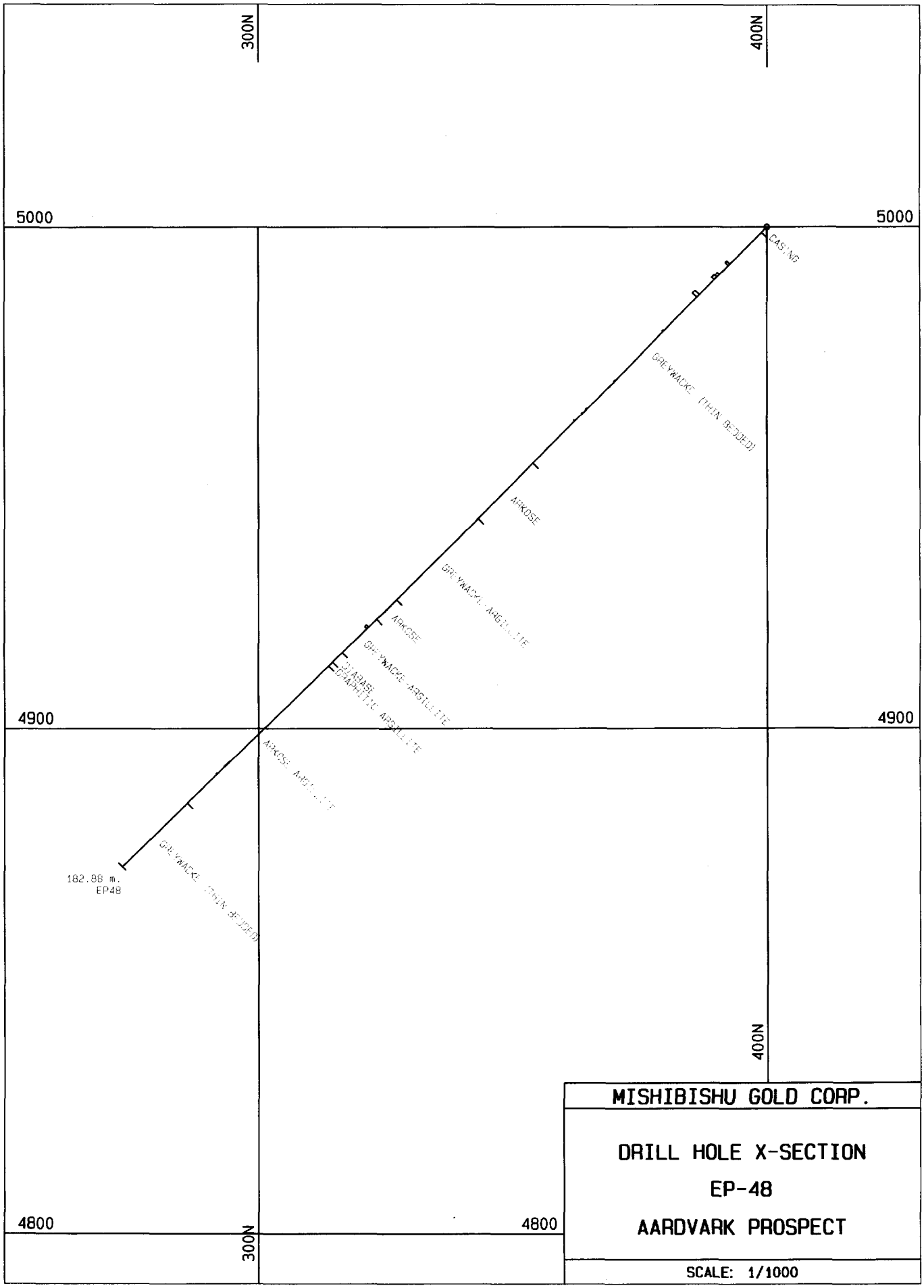
EP-45

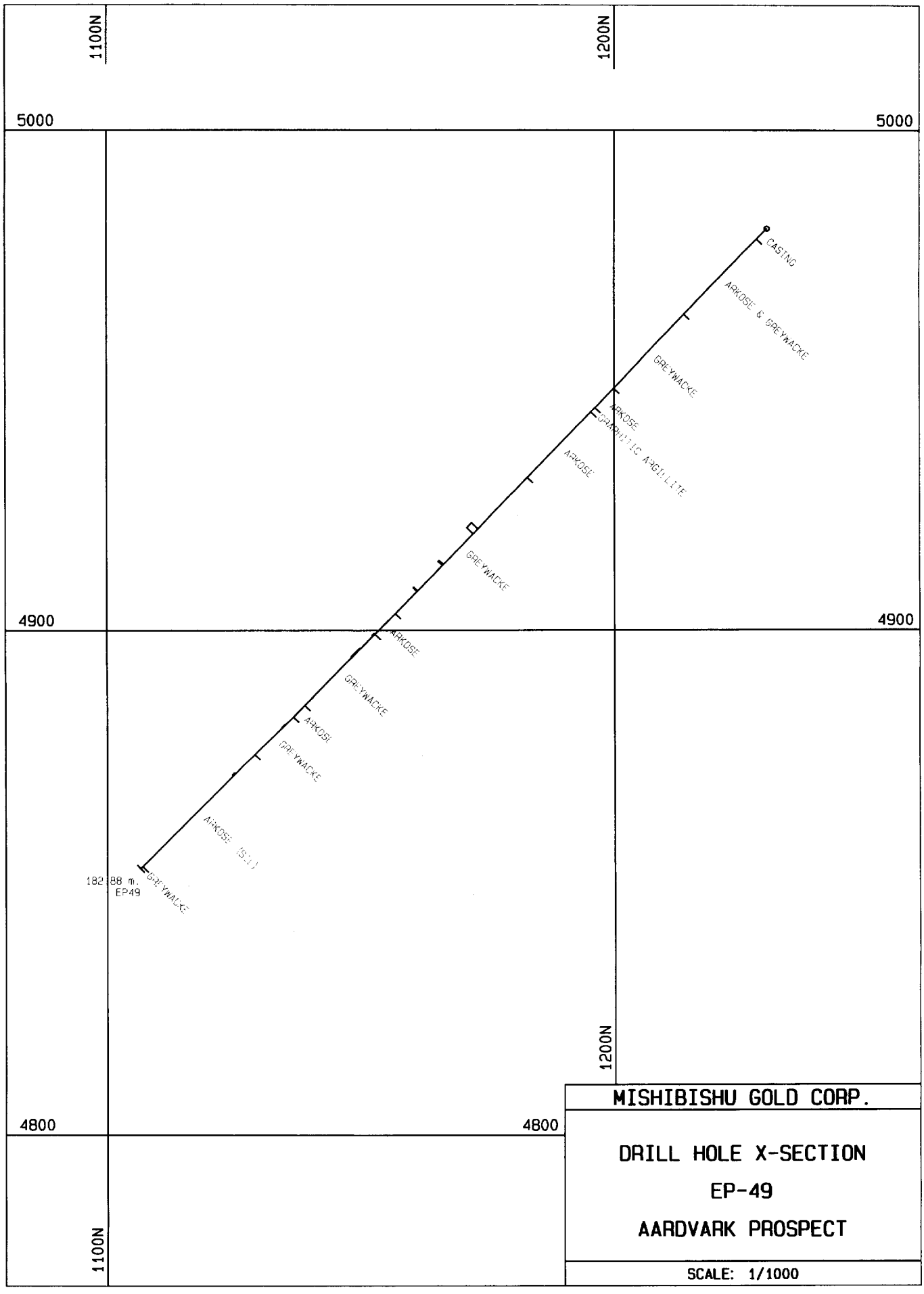
AARDVARK PROSPECT

SCALE: 1/1000


600N
700N
5000
5000
CASING
GREYWACKE (THICK BEDDED)
DIABASE
GREYWACKE (THIN BEDDED)
DIABASE
GREYWACKE CONGLOMERATE
PEBBLY GREYWACKE
4900
4900
GREYWACKE (THICK BEDDED)
GREYWACKE (THIN BEDDED)
GREYWACKE (THICK BEDDED)
GREYWACKE (THIN BEDDED)
182.88 m.
EP46
700N
4800
4800
600N
MISHIBISHU GOLD CORP.
DRILL HOLE X-SECTION
EP-46
AARDVARK PROSPECT
SCALE: 1/1000


400N
500N
5000
5000
4900
4900
500N
400N
CASING
GREYWACKE
ANKOSI
GREYWACKE
PEBBLY GREYWACKE
CARBONATED GREYWACKE
ANKOSI ARGILLITE
DIABASE
ANKOSI
GREYWACKE
182.86 m
EP47
MISHIBISHU GOLD CORP.
DRILL HOLE X-SECTION
EP-47
AARDVARK PROSPECT
SCALE: 1/1000


300N
400N
5000
5000
CASING
GREYWACKE (THIN BEDDED)
ARKOSE
GREYWACKE ARGILLITE
ARKOSE
GREYWACKE ARGILLITE
ARGILLITE
ARKOSE ARGILLITE
4900
4900
182.88 m.
EP48
GREYWACKE (THIN BEDDED)
400N
4800
4800
300N
MISHIBISHU GOLD CORP.
DRILL HOLE X-SECTION
EP-48
AARDVARK PROSPECT
SCALE: 1/1000



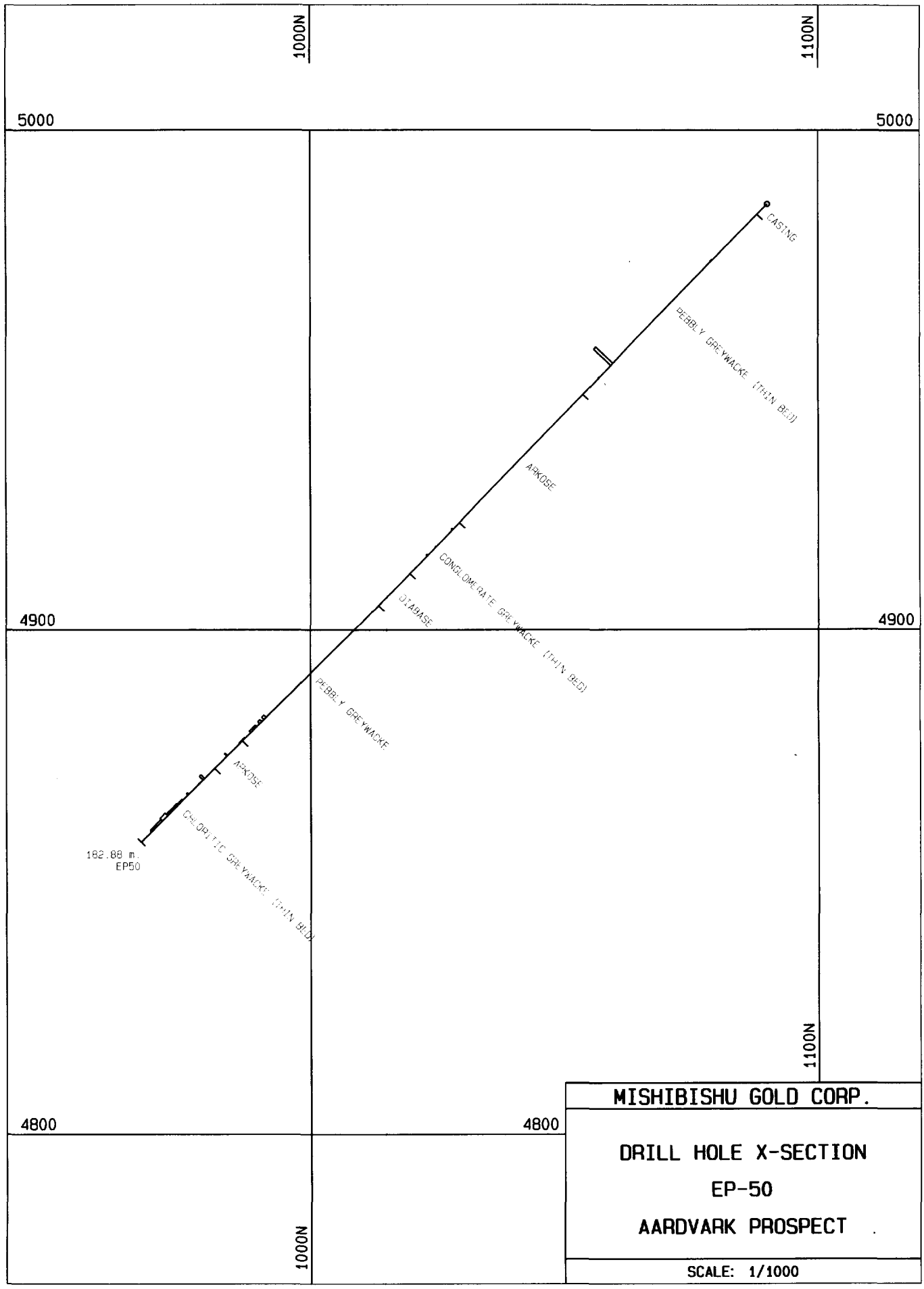
MISHIBISHU GOLD CORP.

DRILL HOLE X-SECTION

EP-49

AARDVARK PROSPECT

SCALE: 1/1000



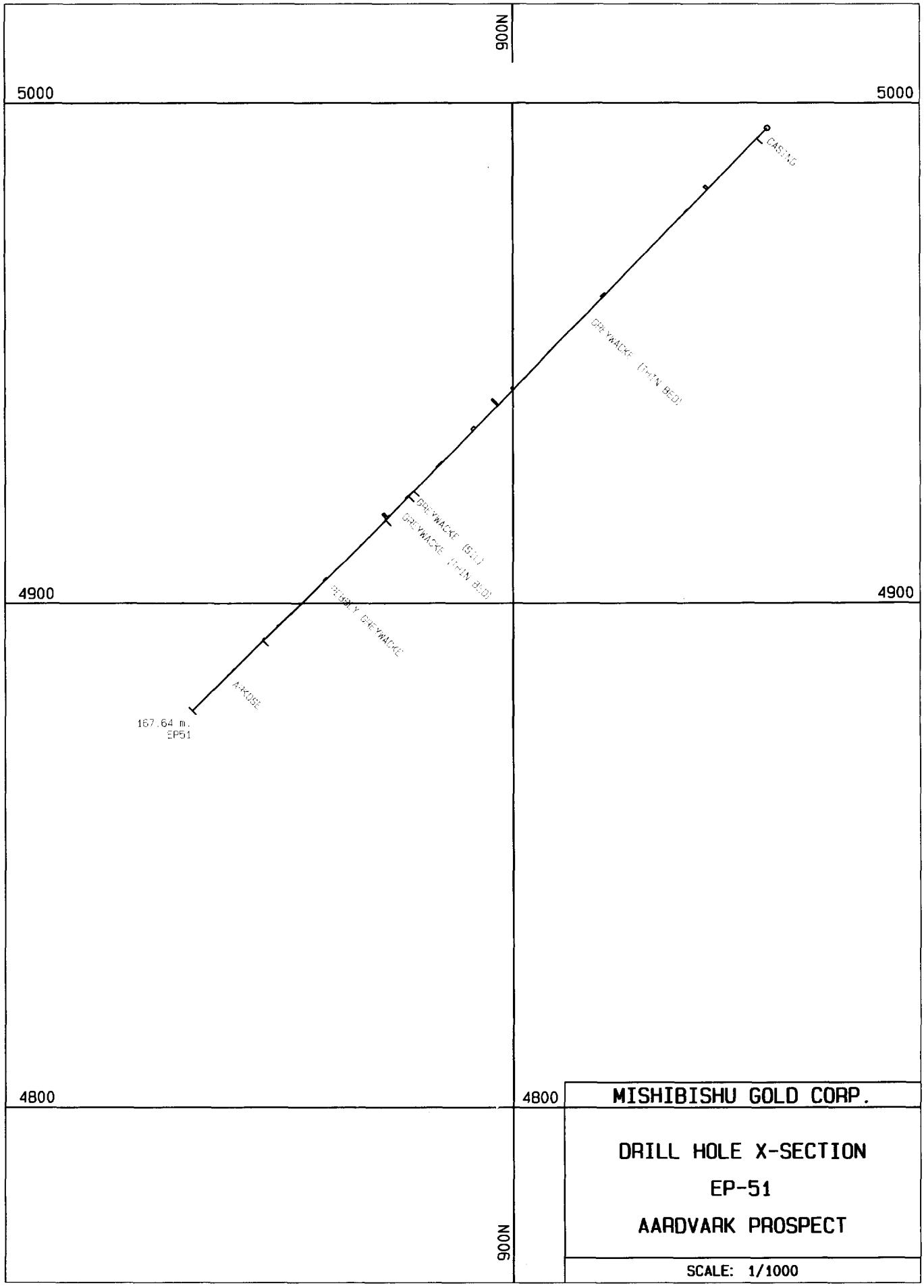
MISHIBISHU GOLD CORP.

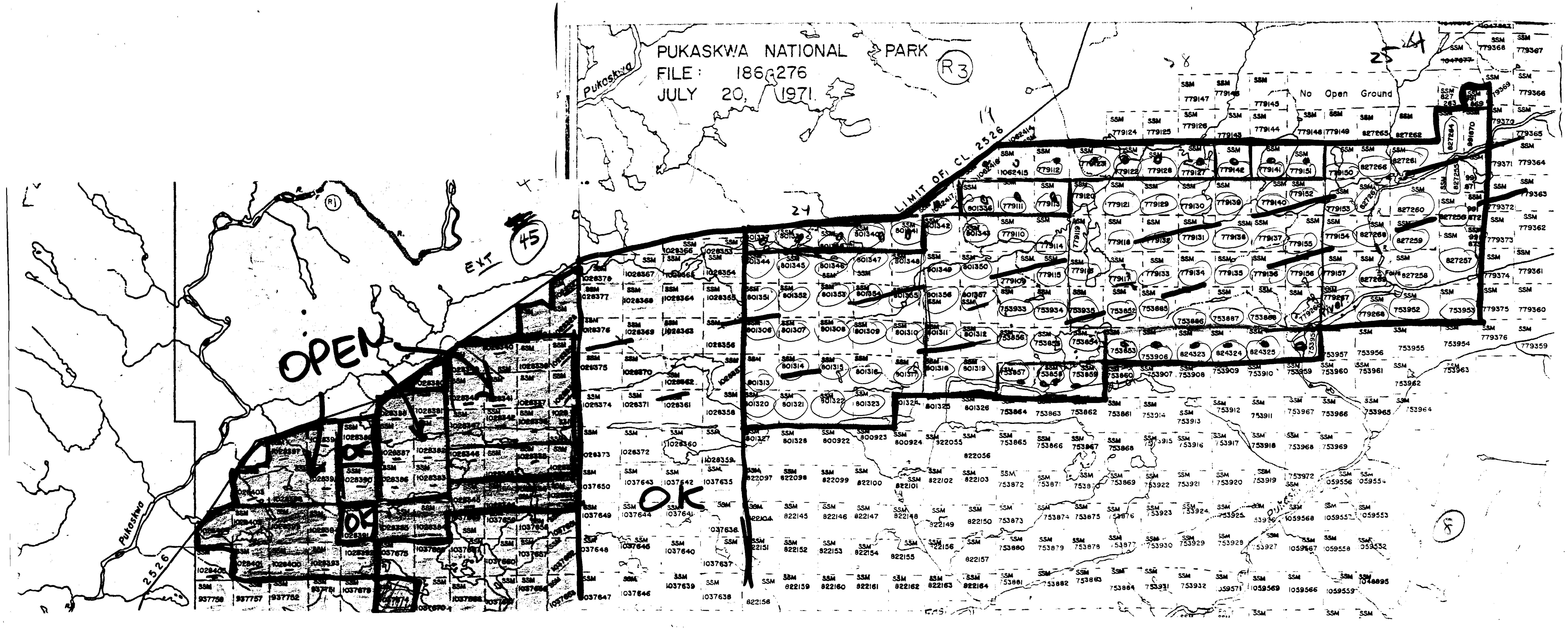
DRILL HOLE X-SECTION

EP-50

AARDVARK PROSPECT

SCALE: 1/1000


900N
5000
5000
CASING
GREYWACKE (THIN BED)
GREYWACKE (SILT)
GREYWACKE (THIN BED)
GREYWACKE
ARKOSE
167.64 m.
EP51
4900
4900
4800
4800
900N
MISHIBISHU GOLD CORP.
DRILL HOLE X-SECTION
EP-51
AARDVARK PROSPECT
SCALE: 1/1000



PUKASKWA NATIONAL PARK
FILE: 186-276
JULY 20, 1971
R3
No Open Ground
LIMIT OF CL 2526
EXT 45
OPEN
OK
Pukaskwa

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9650.00225 Page 1 of 2

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and subm
- Refer to the Mining Act and R Recorder.
- A separate copy of this form r
- Technical reports and maps m
- A sketch, showing the claims

ult the Mining

42C04SE0003 W9650.00225 DAVID LAKE

900

Recorded Holder(s)		Client No.
MISHIBISHU GOLD CORPORATION		301 797
Address		Telephone No.
800-555 West Hastings St. Vancouver BC.		(604) 688-1508
Mining Division	Township/Area	M or G Plan No.
Sault Ste Marie	David Lakes Area	G-3765
Dates Work Performed From:	Jan 1/96 To:	Feb 28/96

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
	Physical Work, Including Drilling	Diamond Drilling (4150')
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ $216,846.

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Robert MacGregor	28 Ford St. Sault Ste. Marie, Ontario
(Sears Barry + Assoc)	Box 2058 Wawa Ont P0S1K0
Briton Bros Drilling	Smithers, British Columbia
Helimax (Helicopter)	Trois Rivieres, P.Q.

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Nov 20/96	

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying		
Seymour M. Sears Box 2058 Wawa Ont P0S1K0		
Telepone No.	Date	Certified By (Signature)
(705)856-2018	Nov 20/96	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$ 51,200.00	Nov 20, 1996		SAULT STE. MARIE MINING DIVISION RECEIVED NOV 20 1996 AM PM 7,8,9,10,11,12,1,2,3,4,5,6
Reserve $ 165,646.00	Deemed Approval Date	Date Approved January 27, 1997	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned **from** this Claim	Reserve: Work to be Claimed at a Future Date
	SSM 801312	1	$46,452	800	$12,000	$33,652
	SSM 779267	1	–	400	–	–
	SSM 779268	1	–	400	–	–
	SSM 801306	1	–	400	–	–
	SSM 801307	1	–	400	–	–
	SSM 801308	1	–	400	–	–
	SSM 801309	1	–	400	–	–
	SSM 801310	1	–	400	–	–
	SSM 801311	1	–	400	–	–
	SSM 801313	1	–	400	–	–
	SSM 801314	1	–	400	–	–
	SSM 801315	1	–	400	–	–
	SSM 801316	1	–	400	–	–
	SSM 801317	1	–	400	–	–
	SSM 801318	1	–	400	–	–
	SSM 801319	1	–	400	–	–
	SSM 801320	1	–	400	–	–
	(cont)	Total Number of Claims	(cont) Total Value Work Done	(cont) Total Value Work Applied	(cont) Total Assigned From	(cont) Total Reserve

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Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

Date	Signature

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim	Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
	ssm 801321	1	–	400	–	–
	ssm 801322	1	–	400	–	–
	ssm 801323	1	–	400	–	–
	ssm 801336	1	–	400	–	–
	ssm 801337	1	–	400	–	–
	ssm 801338	1	–	400	–	–
	ssm 801339	1	–	400	–	–
	ssm 801340	1	–	400	–	–
	ssm 801341	1	–	400	–	–
	ssm 801342	1	–	400	–	–
	ssm 801343	1	–	400	–	–
	ssm 801344	1	–	400	–	–
	ssm 801345	1	–	400	–	–
	ssm 801346	1	–	400	–	–
	31		$ 46,452	$ 12,800	$ 12,000	$ 33652
	Nombre total de claims		Valeur totale des travaux exécutés	Valeur totale des travaux qui a été affectée	Total transféré	Réserve totale

Les crédits que vous réclamez dans le présent rapport peuvent être réduits. Afin de diminuer les conséquences défavorables de telles réductions, veuillez indiquer l'ordre dans lequel vous désirez au'elles soient appliquées à vos claims. Veuillez cocher (✓) l'une des options suivantes :

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Note 1 : Examples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

Note 2: Si des travaux ont été exécutés sur un terrain faisant l'objet de lettres patentes ou d'un bail, veuillez remplir ce qui su

Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.

Signature

Date

0241 (05/91)

Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim	Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
	SSM 779137	1	–	400	–	–
	SSM 779138	1	–	400	–	–
	SSM 779139	1	–	400	–	–
	SSM 779140	1	–	400	–	–
	SSM 779141	1	–	400	–	–
	SSM 779142	1	–	400	–	–
	SSM 779150	1	–	400	–	–
	SSM 779151	1	–	400	–	–
	SSM 779152	1	–	400	–	–
	SSM 779153	1	–	400	–	–
	SSM 779154	1	–	400	–	–
	SSM 779155	1	–	400	–	–
	SSM 779156	1	–	400	–	–
	SSM 779157	1	–	400	–	–
	SSM 779266	1	–	400	–	–
					–	–
					–	–
	31		$ 70,279	$ 12,800	$ 12,000	$ 57479
	Nombre total de claims		Valeur totale des travaux exécutés	Valeur totale des travaux qui a été affectée	Total transféré	Réserve totale

0241 (05/91)

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Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.

Signature

Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	SSM 779117	1	$70,279	$800	$12,000	$57,479
	[illegible]		—	—	—	—
	SSM 779119	1	—	400	—	—
	SSM 779120	1	—	400	—	—
	SSM 779121	1	—	400	—	—
	SSM 779122	1	—	400	—	—
	SSM 779123	1	—	400	—	—
	SSM 779127	1	—	400	—	—
	SSM 779128	1	—	400	—	—
	SSM 779129	1	—	400	—	—
	SSM 779130	1	—	400	—	—
	SSM 779131	1	—	400	—	—
	SSM 779132	1	—	400	—	—
	SSM 779133	1	—	400	—	—
	SSM 779134	1	—	400	—	—
	SSM 779135	1	—	400	—	—
	SSM 779136	1	—	400	—	—
	(cont)	Total Number of Claims	(cont) Total Value Work Done	(cont) Total Value Work Applied	(cont) Total Assigned From	(cont) Total Reserve

0241 (03/91)

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I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim	Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
	SSM 753953.	1	~	$400	~	~
	SSM 753958.	1	–	400	–	–
	SSM 062415.	1	–	400	–	–
	SSM 062416.	1	–	400	–	–
	SSM 062417.	1	–	400	–	–
	SSM 779109.	1	–	400	–	–
	SSM 779110.	1	–	400	–	–
	SSM 779111.	1	–	400	–	–
	SSM 779112.	1	–	400	–	–
	SSM 779113.	1	–	400	–	–
	SSM 779114.	1	–	400	–	–
	SSM 779115.	1	–	400	–	–
	SSM 779116.	1	–	400	–	–
	SSM 779118.	1	–	400	–	–
	31		$21162	$12,800	$12,000	$8,362
	Nombre total de claims		Valeur totale des travaux exécutés	Valeur totale des travaux qui a été affectée	Total transféré	Réserve totale

0241 (05/91)

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Note 1 : Examples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

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Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.	Signature	Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	SSM 753852 .	1	$ 21,162.-	$ 800 -	$ 12,000-	$ 8362
	SSM 753853 .	1	-	$ 400 -	-	-
	SSM 753854 .	1	-	$ 400 -	-	-
	SSM 753855 .	1	-	$ 400 -	-	-
	SSM 753856 .	1	-	$ 400 -	-	-
	SSM 753857 .	1	-	$ 400 -	-	-
	SSM 753858 .	1	-	$ 400 -	-	-
	SSM 753859 .	1	-	$ 400 -	-	-
	SSM 753885 .	1	-	$ 400 -	-	-
	SSM 753886 .	1	-	$ 400 -	-	-
	SSM 753887 .	1	-	$ 400 -	-	-
	SSM 753888 .	1	-	$ 400 -	-	-
	SSM 753906 .	1	-	$ 400 -	-	-
	SSM 753933 .	1	-	$ 400 -	-	-
	SSM 753934 .	1	-	$ 400 -	-	-
	SSM 753935 .	1	-	$ 400 -	-	-
	SSM 753952 .	1	-	$ 400	-	-
	(cont.)		(cont.)	(cont.)	(cont.)	(cont.)
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

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Signature

Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	SSM 801357	1	$78,953	$800.	$12,000	$66,153
	SSM 801347	1	—	400	—	—
	SSM 801348	1	—	400	—	—
	SSM 801349	1	—	400	—	—
	SSM 801350	1	—	400	—	—
	SSM 801351	1	—	400	—	—
	SSM 801352	1	—	400	—	—
	SSM 801353	1	—	400	—	—
	SSM 801354	1	—	400	—	—
	SSM 801355	1	—	400	—	—
	SSM 801356	1	—	400	—	—
—	[illegible]		—	—	—	—
	SSM 824323	1	—	400	—	—
	SSM 824324	1	—	400	—	—
	SSM 824325	1	—	400	—	—
	SSM 827255	1	—	400	—	—
	SSM 827256	1	—	400	—	—
	(cont)		(cont)	(cont)	(cont)	(cont)
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

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Signature

Date

Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim	Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
	SSM 827257.	1	—	400	—	—
	SSM 827258.	1	—	400	—	—
	SSM 827259.	1	—	400	—	—
	SSM 827260.	1	—	400	—	—
	SSM 827261	1	—	400	—	—
	SSM 827264	1	—	400	—	—
	SSM 827266.	1	—	400	—	—
	SSM 827267.	1	—	400	—	—
	SSM 827268.	1	—	400	—	—
	SSM 827269.	1	—	400	—	—
	SSM 991869.	1	—	400	—	—
	SSM 991870.	1	—	400	—	—
	SSM 991871.	1	—	400	—	—
	SSM 991872.	1	—	400	—	—
	SSM 991873	1	—	400	—	—
	31		$ 78953	$ 12,800	—	—
	Nombre total de claims		Valeur totale des travaux exécutés	Valeur totale des travaux qui a été affectée	Total transféré	Réserve totale

Total 124 Applied

0241 (05/91)

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Signature

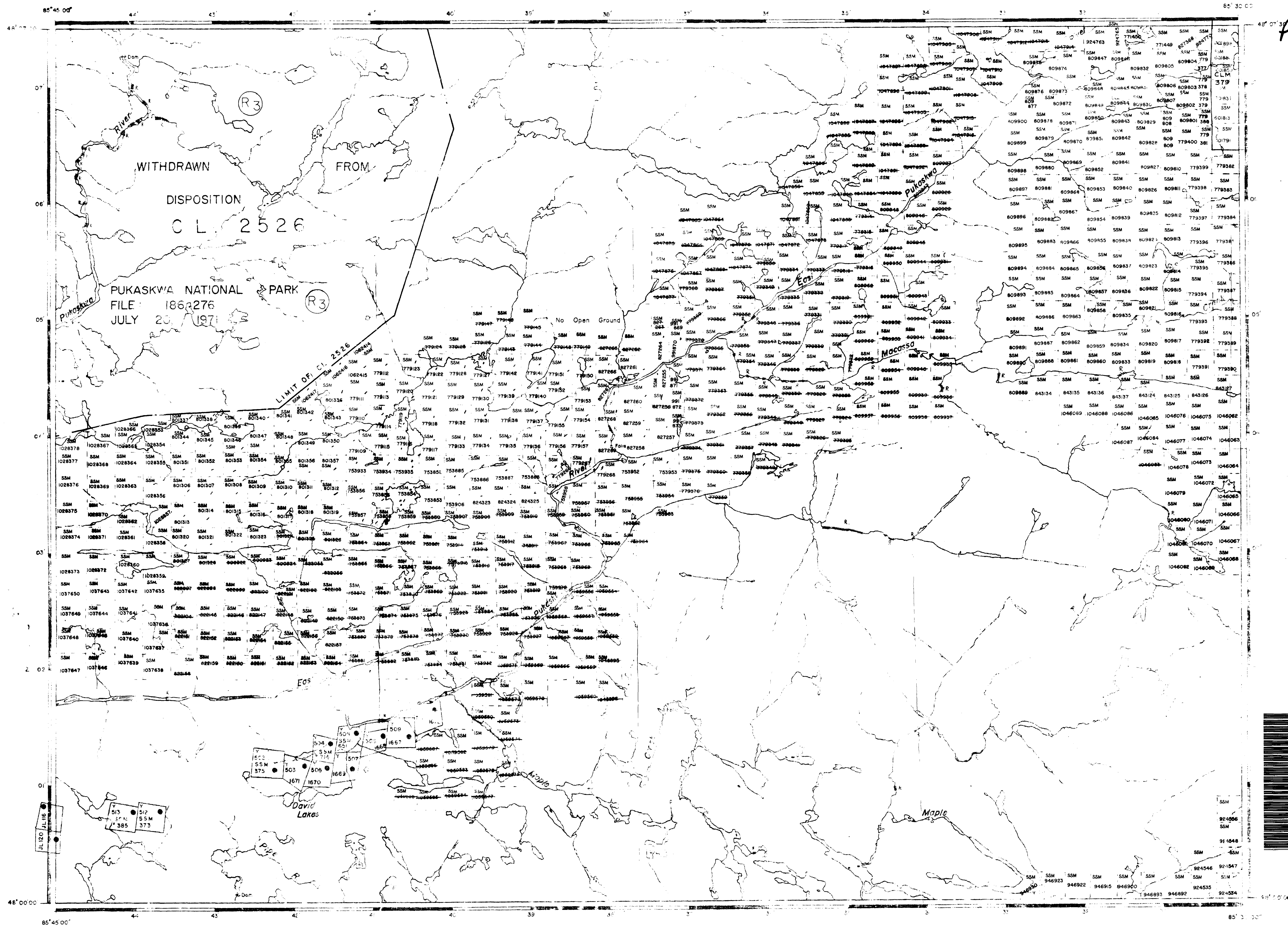
Date

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R3) CL 2526	W-SSM-01-91	JANUARY 25, 1991	S+M RIGHTS	



REFERENCES

THE 19__ MAGNETIC BEARING APPROX. ______
ANNUAL CHANGE INCREASING 10'40"

PDRILL

DOCUMENT NO.
W9650.00225

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◑
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	⬒
" , MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
0 200 1000 (1 KM) 2000 (2 KM) METRES

200

42C04SE0003 W9650.00225 DAVID LAKE

AREA

DAVID LAKE

M.N.R. ADMINISTRATIVE DISTRICT
WAWA
M.
SAULT STE. MARIE
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ontario
Ministry of Natural Resources
Ministry of Northern Development and Mines

Date DECEMBER, 1986

Number G-3765

TRIM TO THIS LINE ALL AROUND

LEGEND

6 FELSIC INTRUSIVES

5 MAFIC TO INTERMEDIATE INTRUSIVES

3 FELSIC METAVOLCANICS

4 CLASTIC SEDIMENTS

2 INTERMEDIATE TO FELSIC METAVOLCANICS

1 MAFIC TO INTERMEDIATE METAVOLCANICS

Grab sample

Trench location

Ddh location

Geochem anomalous zone (Au)

PUKASKWA NATIONAL PARK

AARDVARK SHOWING

CHAMPAGNE VEIN

V.G.

PUKASKWA COMPILATION

0 500 1000 METERS

SCALE 1:10,000

210