Hole TA-4
Sheet 1 of 8

52F14SE2001 2.19937 AUBREY 010

2.19937

TECK EXPLORATION LTD.
DIAMOND DRILL LOG

Job 164000 N.T.S. 52 F/14
Property Temple-Aubrey
Township Aubrey
Location: Line L7+00W
Station 2+50N
Claim No. K1144461
Logged Chris Galway

Objective To test IP anomaly

Drilling Co. St. Lambert Drilling Co. Ltd.
Commenced October 26, 1998
Completed November 3, 1998
Length 300.0 m

Core Location Wabigoon core shack, Hwy 17
Distance to Water 250 m
Casing Lost 57.3 m

Core Size NQ, BQ
Date Logged November 5, 1998

DRILL HOLE SUMMARY

This hole consists mainly of quartz-eye gneiss with local quartz-sericite schist, truncated at the top and bottom of the hole by sediments. Minor quartz-sericite schists, at 64.1-67.0 and 82.4-83.4 m consist of silica lenses with 2-3% disseminated pyrite. A schistose unit, from 102.4-107.6 m and 180.1-189.5 m contains 1-2% disseminated pyrite. The IP anomaly target in this hole is the 1-2% to locally 3% pyrite within the sericite altered quartz eye rock. The sediments in the lower portion of the hole exhibit local sericite alteration, with local pyrite ± sphalerite ± ~~galena stringer at~~ 294.3 to 295.3 m.

Assay Samples: M4199-M4357 (159 samples).

Changed to BQ core at 96.4 m due to problems with NQ rods.

Tests	Dip	Azimuth
At Collar	-50°	350°
57m	-48°	351°
102m	-45°	Acid test
150m	-43°	Acid test
200m	-33°	Acid test
249m	-30°	Acid test
300m	-26°	Acid test

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
0.0	50.3	OVERBURDEN	Casing and overburden.						
50.3	60.1	GREYWACKE AND PELITE 2a, b	Fine to medium-grained, dark charcoal grey in colour. Strongly laminated, trace to locally 1% disseminated pyrite, local pyrite ± biotite stringers, local garnet and andalusite porphyroblasts, local minor (<2 cm) quartz veins, local carbonate + chlorite veining. Minor (<10 cm) quartz-eye gneiss units near lower contact. Minor, local calc-silicate veins, up to 2 cm. Sharp lower contact. 50.9 - 10 cm band carbonate + chlorite veining.	M4199	57.1	58.6	1.5	130	
				M4200	58.6	60.1	1.5	190	
60.1	102.4	QUARTZ-EYE GNEISS WITH MINOR QUARTZ-SERICITE SCHIST 3a (b)	Fine to medium-grained, alternating bands of light grey and dark charcoal grey, local sericite to siliceous alteration. Strong gneissic to schistose texture, 1-2% disseminated pyrite, local pyrite ± biotite stringers, local tourmaline crystals in schistose zone. S_2 and discordant quartz ± carbonate veins, up to 5 cm. Local calc-silicate veins, up to 30 cm, local chlorite and carbonate healed fractures with bleached margins, local feldspar porphyroblasts, local pervasive epidote (fine-grained).	M4201	60.1	61.5	1.4	95	
				M4202	61.5	63.0	1.5	100	
				M4203	63.0	64.1	1.1	240	
			64.1-65.6 - Quartz-sericite schist, 2-3% disseminated pyrite, siliceous with minor sericite bands.	M4204	64.1	65.6	1.5	380	
			65.6-67.0 - As above.	M4205	65.6	67.0	1.4	240	
				M4206	67.0	68.0	1.0	250	
				M4207	68.0	69.0	1.0	150	
			69.0 - 20 cm quartz-sericite schist, 2-3% disseminated pyrite.	M4208	69.0	70.5	1.5	70	
				M4209	70.5	72.0	1.5	110	
			72.0-73.5 - Local fine-grained pervasive epidote.	M4210	72.0	73.5	1.5	90	
			73.5-75.0 - Local feldspar porphyroblasts.	M4211	73.5	75.0	1.5	28	
				M4212	75.0	76.5	1.5	50	
				M4213	76.5	78.0	1.5	40	
				M4214	78.0	79.5	1.5	30	
				M4215	79.5	81.0	1.5	70	
				M4216	81.0	82.4	1.4	45	
			82.4-83.4 - Quartz-sericite schist, siliceous, 2% disseminated pyrite.	M4217	82.4	83.4	1.0	60	
				M4218	83.4	84.5	1.1	30	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4219	84.5	85.7	1.2	120	
			85.7 - 30 cm calc-silicate vein.	M4220	85.7	87.0	1.3	80	
				M4221	87.0	88.5	1.5	180	
			88.5 - 40 cm quartz-sericite schist, feldspar porphyroblasts and pervasive fine-grained epidote in lower portion.	M4222	88.5	90.0	1.5	35	
				M4223	90.0	91.5	1.5	55	
				M4224	91.5	93.0	1.5	85	
			92.2 - 80 cm quartz + calc-silicate veining, pyrite and biotite stringers.	M4225	93.0	94.5	1.5	45	
				M4226	94.5	96.0	1.5	150	
			96.4 - Change to BQ core due to problems with NQ rods.	M4227	96.0	97.5	1.5	25	
			98.8 - 20 cm quartz-sericite schist.	M4228	97.5	99.0	1.5	25	
			99.0 - 50 cm quartz-sericite schist.	M4229	99.0	100.0	1.0	30	
				M4230	100.0	101.0	1.0	45	
				M4231	101.0	102.4	1.4	28	
102.4	107.6	QUARTZ-SERICITE SCHIST 3b	Fine to medium-grained, light grey in colour, sericitic with local siliceous zones. Strong schistose fabric, 1-2% disseminated pyrite, local pyrite stringers along silica lenses. Minor quartz veins, up to 1 cm, minor (<1 cm) calc-silicate veins. Sharp upper and lower contacts, local feldspar? associated with quartz veins. Blocky core.	M4232	102.4	103.9	1.5	20	
				M4233	103.9	104.9	1.0	45	
				M4234	104.9	106.2	1.3	15	
				M4235	106.2	107.6	1.4	45	
107.6	180.1	QUARTZ-EYE GNEISS WITH MINOR QUARTZ-SERICITE SCHIST 3a (b)	Fine to medium-grained, alternating bands of light grey and dark charcoal grey. Moderate sericite alteration with local minor siliceous zones. Moderate to strong gneissic texture, 1-2% disseminated pyrite, local pyrite stringers, local feldspar porphyroblasts. Minor biotite stringers, local epidote "patches". S_2 and discordant quartz ± biotite veins, up to 20 cm, local calc-silicate veins, up to 2 cm. Local carbonate healed fractures with bleached margins, core is blocky.	M4236	107.6	108.6	1.0	40	
				M4237	108.6	109.6	1.0	65	
				M4238	109.6	111.0	1.4	860	
				M4239	111.0	112.5	1.5	720	
				M4240	112.5	114.0	1.5	310	
				M4241	114.0	115.5	1.5	140	
				M4242	115.5	117.0	1.5	75	
			116.5 - Folded, contorted S_1 fabric, minor epidote bands follow S_1.	M4243	117.0	118.5	1.5	340	
			118.5-120.0 - Local minor quartz-sericite schist bands.	M4244	118.5	120.0	1.5	110	
			120.0-121.5 - Folding and contorting of S_1 fabric.	M4245	120.0	121.5	1.5	60	
				M4246	121.5	123.0	1.5	180	
			123.0-124.5 - Quartz-sericite schist.	M4247	123.0	124.5	1.5	140	
			124.5-126.0 - As above. 20 cm quartz + biotite vein at top of interval.	M4248	124.5	126.0	1.5	25	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			126.0-127.5 - Alternating quartz-eye gneiss and quartz-sericite schist.	M4249	126.0	127.5	1.5	110	
			127.5-129.0 - Quartz-sericite schist.	M4250	127.5	129.0	1.5	35	
			129.0-130.5 - Quartz-eye gneiss mixed with quartz-sericite schist.	M4251	129.0	130.5	1.5	180	
				M4252	130.5	132.0	1.5	120	
				M4253	153.0	154.5	1.5	45	
			155.3 - 20 cm quartz vein with contorted fabric along margins.	M4254	154.5	156.0	1.5	80	
			156.0-157.5 - Local pyrite ± biotite stringers.	M4255	156.0	157.5	1.5	290	
				M4256	157.5	159.0	1.5	80	
			159.0-160.5 - Local pyrite ± pyrrhotite stringers, local carbonate healed fractures.	M4257	159.0	160.5	1.5	180	
				M4258	160.5	162.0	1.5	85	
			162.0-163.5 - Local disseminated pyrite and pyrrhotite.	M4259	162.0	163.5	1.5	280	
				M4260	163.5	165.0	1.5	260	
				M4261	165.0	166.5	1.5	435	
			166.5-168.0 - Local pyrite ± pyrrhotite? stringers.	M4262	166.5	168.0	1.5	180	
				M4263	168.0	169.5	1.5	130	
				M4264	169.5	171.0	1.5	90	
				M4265	171.0	172.5	1.5	80	
				M4266	172.5	174.0	1.5	250	
				M4267	174.0	175.5	1.5	260	
				M4268	175.5	177.0	1.5	90	
				M4269	177.0	178.0	1.0	210	
			178.0-179.0 - Local pyrite ± biotite stringers.	M4270	178.0	179.0	1.0	80	
				M4271	179.0	180.1	1.1	48	
180.1	199.5	QUARTZ-SERICITE SCHIST 3b	Fine to medium-grained, light grey in colour with local minor dark charcoal grey bands. Moderate sericite alteration with local siliceous zones, local quartz-eye gneiss bands, trace to local 1% disseminated pyrite, local trace disseminated arsenopyrite? local sphalerite? + pyrite stringers, local biotite stringer, local muscovite crystals, local feldspar porphyroblasts. Strong schistose fabric with local gneissic fabric. S_2 and discordant quartz ± biotite ± calc silicate veins, up to 10 cm local calc-silicate veins, up to 2 cm. Gradational contact with lower unit.	M4272	180.1	181.5	1.4	25	
			181.5-183.0 - Local garnet porphyroblasts.	M4273	181.5	183.0	1.5	20	
			183.0-184.5 - Local gneissic bands, up to 5 cm.	M4274	183.0	184.5	1.5	30	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4275	184.5	186.0	1.5	35	
				M4276	186.0	187.5	1.5	130	
				M4277	187.5	189.0	1.5	25	
				M4278	189.0	190.5	1.5	35	
				M4279	190.5	192.0	1.5	110	
			191.2 - Local pyrite + sphalerite stringer along silica lens.	M4280	192.0	193.5	1.5	40	
				M4281	193.5	195.0	1.5	5	
			195.0-196.5 - Local trace disseminated arsenopyrite? + mica.	M4282	195.0	196.5	1.5	<5	
			196.5-198.0 - As above.	M4283	196.5	198.0	1.5	<5	
			198.0-199.5 - Local disseminated pyrite ± trace arsenopyrite? + mica.	M4284	198.0	199.5	1.5	<5	
199.5	213.5	QUARTZ-EYE GNEISS 3a	Fine to medium-grained, alternating light grey bands with minor dark charcoal grey. Moderate siliceous alteration with local sericite bands, trace disseminated pyrite, local biotite ± pyrite stringers, local minor feldspar porphyroblast, local fine-grained muscovite, more predominant in downhole and portions of unit. Local discordant quartz ± calc-silicate carbonate veins, up to 10 cm, local calc-silicate veins, up to 2 cm, local carbonate healed fractures with bleached margins. Local epidote along margins of fractures and quartz veins. 207.0 - 10 cm quartz vein with feldspar + calc-silicate margins.	M4285	199.5	201.0	1.5	20	
				M4286	201.0	202.5	1.5	35	
				M4287	202.5	204.0	1.5	15	
				M4288	204.0	205.5	1.5	15	
				M4289	205.5	207.0	1.5	50	
				M4290	207.0	208.5	1.5	15	
				M4291	208.5	210.0	1.5	13	
				M4292	210.0	211.5	1.5	10	
				M4293	211.5	212.5	1.0	5	
				M4294	212.5	213.5	1.0	10	
213.5	248.8	QUARTZ-EYE GNEISS WITH FELDSPAR PORPHYROBLASTS 3af	Fine to medium-grained, dark brown with light grey band. Moderate siliceous alteration, trace to locally 1% disseminated pyrite, trace pyrrhotite, local biotite ± pyrite stringers, local tourmaline crystals, local fine-grained mafic "flakes", medium-grained feldspar porphyroblasts. Discordant, boudinaged quartz ± calc-silicate ± carbonate veins, up to 10 cm, local calc-silicate veins, up to 3 cm, carbonate and chlorite healed fractures, commonly with bleached margins. Local epidote, commonly occurring along margins of quartz and calc-silicate veins.	M4295	213.5	214.5	1.0	35	
				M4296	214.5	216.0	1.5	20	
				M4297	216.0	217.5	1.5	15	
				M4298	217.5	219.0	1.5	10	
				M4299	219.0	220.5	1.5	10	
				M4300	220.5	222.0	1.5	5	
				M4301	222.0	223.5	1.5	20	
				M4302	223.5	225.0	1.5	10	
				M4303	225.0	226.5	1.5	<5	
				M4304	226.5	228.0	1.5	5	
				M4305	228.0	229.5	1.5	65	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4306	229.5	231.0	1.5	15	
				M4307	231.0	232.5	1.5	10	
				M4308	232.5	234.0	1.5	10	
				M4309	234.0	235.5	1.5	10	
				M4310	235.5	237.0	1.5	10	
				M4311	237.0	238.5	1.5	5	
				M4312	238.5	240.0	1.5	10	
				M4313	240.0	241.5	1.5	10	
				M4314	241.5	243.0	1.5	20	
				M4315	243.0	244.5	1.5	35	
			244.5-246.0 - Local pervasive, fine-grained epidote.	M4316	244.5	246.0	1.5	20	
			246.0-247.5 - Local calc-silicate + epidote + carbonate veining, local minor quartz veins.	M4317	246.0	247.5	1.5	25	
			247.5-248.8 - Local epidote bands.	M4318	247.5	248.8	1.3	15	
248.8	272.2	QUARTZ-SERICITE SCHIST MIXED WITH QUARTZ-EYE GNEISS 3a, b	Fine to medium-grained, light grey with local zones of alternating bands of dark charcoal grey and light grey. Moderate siliceous alteration with local sericite zones. Gneiss is biotite rich, well developed gneissic and schistose zones, trace to locally 1% disseminated pyrite, trace pyrrhotite, local biotite ± pyrite stringers. Local medium-grained feldspar porphyroblasts, local pink bands and lenses within schistose unit, local fine-grained epidote. Discordant, boudinaged quartz veins, up to 50 cm, tourmaline ± biotite within quartz veins, local calc-silicate veins, up to 10 cm. Main S_1 fabric folded around veining.						
			248.8-250.0 - Quartz-sericite schist, local pink lenses.	M4319	248.8	250.0	1.2	15	
			250.0-251.0 - As above.	M4320	250.0	251.0	1.0	50	
			251.0-252.0 - As above, local epidote lenses.	M4321	251.0	252.0	1.0	75	
			252.0-253.5 - As above.	M4322	252.0	253.5	1.5	25	
				M4323	253.5	255.0	1.5	5	
			255.0-256.5 - Biotite rich quartz-eye gneiss.	M4324	255.0	256.5	1.5	<5	
				M4325	256.5	258.0	1.5	10	
				M4326	258.0	259.5	1.5	5	
				M4327	259.5	261.0	1.5	<5	
				M4328	261.0	262.5	1.5	5	
			263.4 - 50 cm quartz-tourmaline vein.	M4329	262.5	264.0	1.5	<5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			264.8 - 40 cm quartz/calc-silicate veins.	M4330	264.0	265.5	1.5	5	
			265.5-267.0 - Quartz-sericite schist with minor quartz-eye gneiss near lower contact.	M4331	265.5	267.0	1.5	10	
			267.0-268.5 - Quartz-eye gneiss.	M4332	267.0	268.5	1.5	35	
				M4333	268.5	270.0	1.5	30	
				M4334	270.0	271.1	1.1	25	
				M4335	271.1	272.2	1.1	15	
272.2	300.0	PELITE AND GREYWACKE 2b, a	Fine to medium-grained, dark grey in colour with local light grey bands, local moderate sericite alteration, giving gneissic appearance. Moderately to strongly laminated, trace to locally 1% disseminated pyrite, local biotite ± pyrite stringers, local trace disseminated pyrrhotite, local sphalerite + galena in strong sericite altered zone. Discordant and S_2 quartz veins up to 15 cm, biotite ± tourmaline associated with quartz vein along margins, local minor calc-silicate veins, up to 10 cm, local carbonate healed fractures, commonly having bleached margins. A 1.3 m pegmatite vein near upper contact.	M4336	272.2	273.1	0.9	5	
			273.1-274.4 - Pegmatite vein. Coarse-grained tourmaline + muscovite + quartz + feldspar + epidote? Sharp upper and lower contact.	M4337	273.1	274.4	1.3	20	
				M4338	274.4	276.0	1.6	15	
				M4339	276.0	277.5	1.5	10	
				M4340	277.5	279.0	1.5	25	
				M4341	279.0	280.5	1.5	25	
			280.5-282.0 - Local sericitic bands.	M4342	280.5	282.0	1.5	50	
				M4343	282.0	283.0	1.0	10	
				M4344	283.0	284.2	1.2	20	
			284.2-285.4 - Alternating sericite altered and unaltered units. Gneissic appearance.	M4345	284.2	285.4	1.2	25	
			285.4-286.7 - As above.	M4346	285.4	286.7	1.3	20	
			286.7-288.0 - As above.	M4347	286.7	288.0	1.3	10	
			288.0-289.5 - As above. 15 cm quartz vein with minor pyrrhotite at 288.5 m.	M4348	288.0	289.5	1.5	15	
				M4349	289.5	291.0	1.5	45	
				M4350	291.0	292.5	1.5	40	
			292.3 - 15 cm quartz vein, local sericite bands.	M4351	292.5	293.4	0.9	35	
				M4352	293.4	294.3	0.9	15	
			294.3-295.3 - Strong sericite alteration, local pyrite ± sphalerite ± galena stringers. Gradational upper and lower alteration	M4353	294.3	295.3	1.0	65	
				M4354	295.3	296.6	1.3	15	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			contact.	M4355	296.6	297.8	1.2	10	
				M4356	297.8	298.9	1.1	5	
				M4357	298.9	300.0	1.1	20	
	300.0	END OF HOLE							

Foliations:

54m = 62°	135 = 58°	216 = 70°
63 = 55	144 = 60°	225 = 72°
72 = 57°	153 = 68°	234 = 70°
81 = 55°	162 = 70°	243 = 75°
90 = 60°	171 = 70°	252 = 75°
99 = 60°	180 = 70°	261 = 73°
108 = 55°	189 = 65°	270 = 75°
117 = 55°	198 = 75°	279 = 77°
126 = 60°	207 = 67°	288 = 75°
		297 = 76°

TECK EXPLORATION LTD.
DIAMOND DRILL LOG 2.19937

Job 164000 N.T.S. 52 F/14
Property Temple-Aubrey
Township Aubrey
Location: Line L11+00W
Station 1+00S
Claim No. K1144467 and K1144460
Logged Chris Galway

Objective To test IP anomaly

Drilling Co. St. Lambert Drilling Co. Ltd.
Commenced November 4, 1998
Completed November 12, 1998
Length 450.0 m

Core Location Wabigoon core shack, Hwy 17
Distance to Water 1,200 m
Casing Lost 18.3 m

Core Size NQ,
Date Logged November 13, 1998

DRILL HOLE SUMMARY

This hole is dominated by two major rock types. The upper portion of the hole is dominated by sediments (greywacke and pelite) with a feldspar-quartz porphyry unit from 97.0 to 115.0 m. The feldspar-quartz porphyry contains disseminated pyrite + pyrrhotite, which accounts for the first IP anomaly. The lower portion of the hole, from 305.2-450.0 m is dominated by quartz-eye gneiss. A mineralized zone, from 366.0 to 448.3 m contains 1-2% disseminated pyrite ± pyrrhotite, with local pyrite + pyrrhotite + sphalerite stringers. Anomalous values expected.

Assay Samples: M4358-M4526 (169 samples).

Tests	Dip	Azimuth
At Collar	-60°	350°
24m	-59°	356°
51m	-57°	355°
100m	-55.5°	355°
150m	-55°	357°
201m	-55°	358°
252m	-55.5°	002°
300m	-54°	002°
350m	-54°	004°
400m	-51.5°	004°
450m	-51.5°	003°

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
0.0	18.3	OVERBURDEN	Casing and overburden.						
18.3	97.0	GREYWACKE AND PELITE 2a, b	Fine to medium-grained, dark charcoal grey in colour, well developed layering and lamination. Local zones of biotite porphyroblasts, local muscovite, local biotite stringers, trace local disseminated pyrite. Local andalusite within pelite units, local garnet porphyroblasts. S_2 and discordant, boudinaged quartz veins, up to 25 cm, feldspar ± biotite ± tourmaline ± epidote associated with quartz veins. Local carbonate healed fractures, commonly with bleached margins. Some fractures are locally intense with multiple directions. 18.6 - 60 cm redrilled core. 22.2 - 40 cm discordant, boudinaged quartz veining. S_1 fabric contorted around boudins. 38.8 - 30 cm quartz-feldspar vein, biotite porphyroblasts at top of vein. 42.2 - 10 cm quartz-feldspar + epidote vein. 68.0 - 15 cm quartz-feldspar vein + epidote. 72.5 - 12 cm quartz-feldspar vein. 78.8 - 30 cm graphitic fault gouge. 87.7 - 20 cm quartz-feldspar vein. 90.2 - 20 cm quartz-feldspar vein with local epidote. 94.8 - 70 cm mafic dyke.	M4358 M4359 M4360	93.8 94.8 95.5	94.8 95.5 97.0	1.0 0.7 1.5	<5 80 <5	
97.0	115.0	FELDSPAR QUARTZ PORPHYRY 3cf	Fine to medium-grained, dark charcoal grey with white feldspar porphyroblasts. Moderate siliceous alteration, massive to weakly textured, with porphyroblasts slightly elongated, trace disseminated pyrite + pyrrhotite. Local biotite ± pyrite stringers, medium to coarse-grained feldspar porphyroblasts, wispy local sphalerite stringers. Discordant and S_2 quartz veins, up to 25 cm, biotite + tourmaline ± pyrite ± pyrrhotite along margins of quartz vein. Local calc-silicate veins, up to 3 cm, local chlorite and carbonate healed fractures, commonly with bleached margins. Gradational upper and lower contacts. 105.7 - 25 cm quartz-feldspar + calc-silicate vein.	M4361 M4362 M4363 M4364 M4365 M4366 M4367 M4368 M4369	97.0 98.0 99.0 100.5 102.0 103.5 105.0 106.5 108.0	98.0 99.0 100.5 102.0 103.5 105.0 106.5 108.0 109.5	1.0 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5	<5 <5 <5 40 25 20 <5 <5 <5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4370	109.5	111.0	1.5	<5	
				M4371	111.0	112.5	1.5	<5	
				M4372	112.5	114.0	1.5	<5	
			114.3 - 5 cm S_2 quartz vein.	M4373	114.0	115.0	1.0	10	
115.0	305.2	GREYWACKE AND PELITE 2a, b	Fine to medium-grained, dark charcoal grey in colour, moderate laminated texture, local biotite porphyroblasts in lighter grey zones. Local andalusite porphyroblasts in pelite zones, local garnets, local minor biotite stringers, local trace disseminated pyrite. S_2 and discordant quartz veins, up to 60 cm, biotite ± tourmaline ± calc-silicates along margins of quartz vein, local minor calc-silicate veins, up to 5 cm. Chlorite and carbonate healed fractures, commonly with bleached margins. Local muscovite porphyroblasts.	M4374	115.0	116.0	1.0	<5	
				M4375	116.0	117.0	1.0	<5	
			129.0-130.5 - Feldspar quartz porphyry, trace disseminated pyrite + pyrrhotite, local discordant, boudinaged quartz veins.	M4376	129.0	130.5	1.5	<5	
			130.5-131.9 - As above.	M4377	130.5	131.9	1.4	<5	
			135.0-139.1 - Minor carbonate healed fractures, commonly with bleached margins.						
			139.1-140.1 - Quartz feldspar porphyry, local carbonate veining, trace disseminated pyrite, local wispy sphalerite stringers.	M4378	139.1	140.1	1.0	<5	
			140.1-141.1 - As above, local muscovite filled veinlet.	M4379	140.1	141.1	1.0	<5	
			149.5 - 25 cm alternating calc-silicate/sediments. Folding of laminated sediments.						
			153.1 - 15 cm quartz + calc-silicate + trace pyrite vein. A second similar vein at 153.4 m.						
			165.6-166.6 - Laminated sediments with local carbonate healed fractures.	M4380	165.6	166.6	1.0	<5	
			166.6-167.6 - As above. 15 cm quartz vein at 167.2 m, trace disseminated pyrite + pyrrhotite.	M4381	166.6	167.6	1.0	20	
			167.6-168.6 - Alternating calc-silicate/quartz veins/sediments. Pyrite ± pyrrhotite ± chalcopyrite? within quartz and calc-silicate veins.	M4382	167.6	168.6	1.0	240	
			168.6-169.6 - Laminated sediments, local quartz vein and carbonate healed fractures.	M4383	168.6	169.6	1.0	5	
			173.0 - 25 cm local carbonate healed fractures with bleached margins.						
			177.2 - 35 cm quartz/calc-silicate veining, biotite along margins of						

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			veins, fabric folded along margins.						
			182.3 - 15 cm quartz-feldspar vein, calc-silicate within vein.						
			187.5 - 40 cm local minor feldspar? porphyroblasts, stretched with long axis along S_2.						
			197.3 - 60 cm quartz-feldspar vein, biotite + calc-silicate + trace pyrrhotite within vein. Local carbonate fractures at lower contact.						
			201.3 - 30 cm carbonate healed fractures.						
			212.3 - 20 cm quartz + calc-silicate + biotite vein, trace pyrrhotite.						
			221.1 - 70 cm of mixed quartz + calc-silicate veins and sediments. Quartz veins have biotite within while garnet porphyroblasts are present within sediment units.						
			229.5-231.0 - Local pyrite + pyrrhotite + biotite stringer.	M4384	229.5	231.0	1.5	45	
				M4385	231.0	232.5	1.5	20	
			233.7 - 2 cm pyrrhotite + pyrite + sphalerite? stringer.	M4386	232.5	234.0	1.5	5	
			234.6 - 20 cm calc-silicate + pyrrhotite + pyrite vein.	M4387	234.0	235.5	1.5	10	
				M4388	235.5	237.0	1.5	<5	
			237.0-238.5 - Local minor calc-silicate + pyrite + pyrrhotite ± sphalerite veinlets.	M4389	237.0	238.5	1.5	10	
				M4390	238.5	240.0	1.5	13	
				M4391	249.8	251.3	1.5	15	
			251.3-259.4 - 10% quartz + calc-silicate veining, pyrite ± pyrrhotite ± sphalerite associated with veins. Veins up to 20 cm, biotite along margins.	M4392	251.3	252.8	1.5	30	
				M4393	252.8	254.0	1.2	10	
				M4394	254.0	255.0	1.0	20	
				M4395	255.0	256.5	1.5	80	
				M4396	256.5	257.9	1.4	20	
				M4397	257.9	259.4	1.5	70	
				M4398	259.4	260.9	1.5	55	
				M4399	260.9	262.5	1.6	50	
			262.5-264.0 - Strongly foliated, trace disseminated pyrite, local sphalerite stringers.	M4400	262.5	264.0	1.5	33	
				M4401	264.0	265.5	1.5	15	
				M4402	265.5	267.0	1.5	15	
				M4403	267.0	268.5	1.5	15	
			268.0 - 20 cm quartz vein with calc-silicate along margins.	M4404	268.5	270.0	1.5	5	
			279.9 - 3 cm sphalerite + pyrite + pyrrhotite stringer in calc-silicate vein.	M4405	270.0	271.5	1.5	10	
				M4406	271.5	273.0	1.5	10	
			273.3 - 1 cm pyrite + pyrrhotite stringer.	M4407	273.0	274.5	1.5	15	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			274.5-276.0 - Local pyrite + pyrrhotite + biotite stringers.	M4408	274.5	276.0	1.5	10	
				M4409	276.0	277.5	1.5	10	
				M4410	277.5	279.0	1.5	5	
				M4411	279.0	280.5	1.5	10	
				M4412	280.5	282.0	1.5	10	
			282.0-283.5 - Local pyrite + pyrrhotite stringers.	M4413	282.0	283.5	1.5	10	
				M4414	283.5	285.0	1.5	10	
			285.0-286.5 - Local carbonate healed fractures, local pyrite ± biotite stringers.	M4415	285.0	286.5	1.5	10	
			286.5-288.0 - Local pyrite ± pyrrhotite ± biotite stringers.	M4416	286.5	288.0	1.5	20	
				M4417	288.0	289.5	1.5	10	
				M4418	289.5	291.0	1.5	10	
			291.0-292.5 - Local calc-silicate + pyrite + pyrrhotite veins.	M4419	291.0	292.5	1.5	25	
			292.5-294.0 - As above.	M4420	292.5	294.0	1.5	43	
				M4421	294.0	295.5	1.5	15	
				M4422	295.5	297.0	1.5	15	
				M4423	297.0	298.5	1.5	25	
				M4424	298.5	300.0	1.5	10	
				M4425	300.0	301.5	1.5	10	
			301.5-303.0 - Local carbonate healed fractures. Local calc-silicate veins.	M4426	301.5	303.0	1.5	10	
				M4427	303.0	304.2	1.2	5	
			304.2-305.2 - Local minor calc-silicate veins. Lower contact marked by calc-silicate vein.	M4428	304.2	305.2	1.0	5	
305.2	450.0	QUARTZ-EYE GNEISS 3a	Fine to medium-grained, alternating dark charcoal grey and light grey, local biotite rich zones. Moderate siliceous alteration with local sericite zones, 1% disseminated pyrite, local pyrite ± pyrrhotite ± sphalerite stringers, Local biotite ± pyrite stringers. S_2 and discordant, boudinaged quartz veins, up to 10 cm, local calc-silicate veins, up to 10 cm. Quartz veins have local calc-silicates within and along margins. Biotite is common along margins of veins, local carbonate and chlorite healed fractures, commonly with bleached margins. Strong gneissic texture.	M4429	305.2	306.2	1.0	10	
				M4430	306.2	307.5	1.3	15	
				M4431	307.5	309.0	1.5	25	
				M4432	309.0	310.5	1.5	10	
				M4433	310.5	312.0	1.5	10	
			312.0-313.5 - Quartz porphyry. Local carbonate healed fractures with bleached margins.	M4434	312.0	313.5	1.5	10	
			313.5-315.0 - Quartz porphyry.	M4435	313.5	315.0	1.5	5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4436	315.0	316.5	1.5	20	
				M4437	316.5	318.0	1.5	25	
			319.8 - 20 cm quartz-sericite schist, pyrite + sphalerite stringers.	M4438	318.0	319.5	1.5	25	
				M4439	319.5	321.0	1.5	50	
				M4440	321.0	322.5	1.5	23	
				M4441	322.5	324.0	1.5	20	
				M4442	324.0	325.5	1.5	15	
				M4443	325.5	327.0	1.5	10	
			328.5-330.0 - Local minor sediment bands.	M4444	327.0	328.5	1.5	25	
				M4445	328.5	330.0	1.5	15	
				M4446	330.0	331.5	1.5	5	
			333.0-334.5 - Local carbonate veinlets in minor sediment unit.	M4447	331.5	333.0	1.5	10	
			334.5-336.0 - Local pyrite ± biotite ± calc-silicate veins.	M4448	333.0	334.5	1.5	10	
				M4449	334.5	336.0	1.5	45	
			337.5-339.0 - Local calc-silicate veins ± pyrrhotite ± pyrite.	M4450	336.0	337.5	1.5	50	
			339.0-340.5 - Local pyrite ± pyrrhotite stringers, 10 cm quartz veining at lower contact.	M4451	337.5	339.0	1.5	45	
				M4452	339.0	340.5	1.5	90	
			341.8-343.2 - Local pyrite + sphalerite ± biotite stringers.	M4453	340.5	341.8	1.3	60	
				M4454	341.8	343.2	1.4	160	
				M4455	343.2	344.4	1.2	90	
				M4456	344.4	345.4	1.0	90	
			346.5-348.0 - Local minor sediment band, biotite rich quartz-eye gneiss.	M4457	345.4	346.5	1.1	50	
				M4458	346.5	348.0	1.5	25	
				M4459	348.0	349.5	1.5	15	
			351.0-353.5 - Local feldspar porphyroblasts.	M4460	349.5	351.0	1.5	20	
				M4461	351.0	352.5	1.5	10	
				M4462	352.5	354.0	1.5	20	
				M4463	354.0	355.5	1.5	10	
				M4464	355.5	357.0	1.5	10	
				M4465	357.0	358.5	1.5	15	
			360.0-361.5 - Minor sediment unit at lower contact, local andalusite porphyroblasts.	M4466	358.5	360.0	1.5	45	
				M4467	360.0	361.5	1.5	50	
				M4468	361.5	363.0	1.5	60	
			364.5-366.0 - Local pyrite ± biotite ± sphalerite stringers.	M4469	363.0	364.5	1.5	170	
			366.0-367.5 - Local pyrite + sphalerite stringers along silica lenses.	M4470	364.5	366.0	1.5	85	
			376.5-378.0 - Local minor sediment (pelite and greywacke) bands.)	M4471	366.0	367.5	1.5	85	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4472	367.5	369.0	1.5	25	
				M4473	369.0	370.5	1.5	55	
				M4474	370.5	372.0	1.5	35	
				M4475	372.0	373.5	1.5	50	
				M4476	373.5	375.0	1.5	35	
				M4477	375.0	376.5	1.5	30	
			378.0-379.5 - Local sediment bands, andalusite porphyroblasts present within sediment units.	M4478	376.5	378.0	1.5	10	
				M4479	378.0	379.5	1.5	40	
				M4480	379.5	381.0	1.5	<5	
				M4481	381.0	382.5	1.5	20	
			384.0-385.5 - Local bleaching at lower contact.	M4482	382.5	384.0	1.5	10	
			385.5-387.0 - Local coarse-grained quartz eyes.	M4483	384.0	385.5	1.5	10	
				M4484	385.5	387.0	1.5	10	
				M4485	387.0	388.5	1.5	15	
				M4486	388.5	390.0	1.5	15	
				M4487	390.0	391.5	1.5	15	
				M4488	391.5	393.0	1.5	35	
			394.5-396.0 - Local biotite ± pyrite stringers.	M4489	393.0	394.5	1.5	55	
				M4490	394.5	396.0	1.5	58	
				M4491	396.0	397.5	1.5	55	
				M4492	397.5	399.0	1.5	50	
				M4493	399.0	400.5	1.5	55	
				M4494	400.5	402.0	1.5	30	
				M4495	402.0	403.5	1.5	15	
			405.0-406.5 - Local quartz-feldspar veining ± pyrite.	M4496	403.5	405.0	1.5	65	
				M4497	405.0	406.5	1.5	35	
				M4498	406.5	408.0	1.5	40	
				M4499	408.0	409.5	1.5	30	
			411.0-412.5 - Local quartz-feldspar + pyrite veining.	M4500	409.5	411.0	1.5	30	
				M4501	411.0	412.5	1.5	35	
			414.7 - 15 cm quartz-carbonate vein with biotite margins.	M4502	412.5	414.0	1.5	30	
			416.6 - 8 cm quartz-carbonate vein with biotite margins.	M4503	414.0	415.5	1.5	60	
				M4504	415.5	417.0	1.5	50	
				M4505	417.0	418.5	1.5	60	
			420.0-421.5 - Local pyrite + biotite stringers.	M4506	418.5	420.0	1.5	60	
			421.5-423.0 - Local sericite rich bands.	M4507	420.0	421.5	1.5	50	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4508	421.5	423.0	1.5	170	
				M4509	423.0	424.5	1.5	130	
				M4510	424.5	426.0	1.5	45	
				M4511	426.0	427.5	1.5	40	
				M4512	427.5	429.0	1.5	40	
				M4513	429.0	430.5	1.5	40	
			432.0-433.5 - Local feldspar porphyroblasts.	M4514	430.5	432.0	1.5	45	
				M4515	432.0	433.5	1.5	60	
			435.0-436.5 - Local pyrite + biotite stringers.	M4516	433.5	435.0	1.5	45	
			436.5-438.0 - Local pyrite + sphalerite stringers.	M4517	435.0	436.5	1.5	65	
			438.7 - 20 cm pyrite + sphalerite stringers in silica rich (lenses) zone.	M4518	436.5	438.0	1.5	55	
				M4519	438.0	439.5	1.5	480	
				M4520	439.5	441.0	1.5	40	
				M4521	441.0	442.5	1.5	20	
				M4522	442.5	444.0	1.5	30	
				M4523	444.0	445.5	1.5	45	
				M4524	445.5	447.0	1.5	25	
			448.3 - Lower contact of IP anomaly. Pyrite content in 3a is reduced.	M4525	447.0	448.5	1.5	45	
				M4526	448.5	450.0	1.5	20	
	450.0	END OF HOLE							

Foliations:

21m = 60°	129 = 40°	237 = 47°	345 = 44°
30 = 50	138 = 40°	246 = 46°	354 = 46°
39 = 45°	147 = 43°	255 = 45°	363 = 45°
48 = 40°	156 = 46°	264 = 40°	372 = 44°
57 = 60°	165 = 45°	273 = 48°	381 = 45°
66 = 45°	174 = 46°	282 = 46°	390 = 45°
75 = 53°	183 = 40°	291 = 44°	399 = 46°
84 = 40°	192 = 45°	300 = 47°	408 = 40°
93 = 45°	201 = 40°	309 = 45°	417 = 46°
102 = 50°	210 = 42°	318 = 43°	426 = 46°
111 = 55°	219 = 46°	327 = 46°	435 = 45°
120 = 45°	228 = 45°	336 = 42°	444 = 47°

Hole TA-6
Sheet 1 of 4

TECK EXPLORATION LTD.
DIAMOND DRILL LOG

2.19

Job 164000 N.T.S. 52 F/14
Property Temple Aubrey
Township Aubrey
Location: Line L15+00W
Station 3+25S
Claim No. K1144468
Logged Chris Galway

Objective To test IP Anomaly

Drilling Co. St. Lambert Drilling Co. Ltd.
Commenced November 13, 1998
Completed November 18, 1998
Length 219.0 m

Core Location Wabigoon core shack, Hwy 17
Distance to Water 1.6 km
Casing Lost 13.9 m

Core Size NQ
Date Logged November 19, 1998

DRILL HOLE SUMMARY

This hole consists entirely of sediments, specifically greywacke and pelite. Minor graphite bands, up to 2 cm, with local pyrrhotite ± pyrite stringers, at 48.0 to 52.5 m, 195.0 to 197.3 m and 211.0 to 213.1 m contribute to the IP anomaly at this location. No significant values expected.

Assay Samples: M4527-M4551 (25 samples).

Tests	Dip	Azimuth
At Collar	-60°	000°
15m	-58.5°	359°
50m	-57°	356°
100m	-53°	352°
150m	-51°	352°
201m	-51°	354°

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
0.0	15.0	OVERBURDEN	Casing.						
15.0	219.0	GREYWACKE AND PELITE 2a, b	Fine to medium-grained. Dark charcoal grey in colour. Local biotite pinstripes. Weak to moderate foliation. Local andalusite, cordierite? and garnet porphyroblasts. Local biotite porphyroblasts. Discordant and S_2 quartz veins, up to 50 cm. Local carbonate healed fractures, commonly with bleached margins. Local minor calc-silicate veins. Epidote? commonly associated with quartz and calc-silicate veins. Trace disseminated pyrrhotite ± pyrite. Local graphitic bands, where noted.						
			33.1 - 20 cm quartz veining.						
			40.4 - 10 cm quartz + calc-silicate ± trace pyrrhotite.						
			45.6 - 50 cm quartz + feldspar + calc-silicate + carbonate vein. Minor pyrite + pyrrhotite within vein. Minor tourmaline along margins.	M4527	45.0	46.5	1.5	<5	
				M4528	46.5	48.0	1.5	<5	
			48.0-49.5 - quartz veining at top of sample. Local graphite bands with pyrite + pyrrhotite stringers at lower contact. Possible IP anomaly.	M4529	48.0	49.5	1.5	<5	
			49.5-51.0 - local graphite bands, up to 10 cm. Local pyrite + pyrrhotite stringers.	M4530	49.5	51.0	1.5	<5	
			51.0-52.5 - as above.	M4531	51.0	52.5	1.5	<5	
				M4532	52.5	54.0	1.5	<5	
			63.0 - 25 cm zone of biotite porphyroblasts within quartz-rich sediments.	M4533	54.0	55.5	1.5	<5	
			64.3 - 10 cm zone of medium-grained biotite porphyroblasts.						
			69.5 - 50 cm zone of biotite porphyroblasts. Local minor quartz veins.						
			76.7 - 10 cm quartz-feldspar healed tension gash.						
			82.8 - 10 cm quartz-feldspar vein. Minor tourmaline within vein.						
			105.7 - minor (2 cm) metamorphosed fault.						
			111.9 - 20 cm quartz vein. Local mica (muscovite) throughout vein. Minor carbonate vein cutting vein. Biotite porphyroblasts along upper and lower margins.						
			115.2 - 20 cm quartz + minor calc-silicate vein; trace pyrrhotite + biotite + tourmaline within vein.						
			124.4 - 15 m quartz vein, 5 m biotite-rich zone on both upper and						

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			lower contact of vein.						
			134.0 - 30 cm boudinaged quartz vein; minor tourmaline and trace pyrrhotite + biotite within vein. Local minor (1 mm) garnet-rich band at lower contact.						
			136.1 - 20 cm boudinaged quartz + feldspar + biotite vein. Biotite-rich zone + minor boudinaged quartz vein at lower contact.						
			141.5 - 60 cm of 1 mm biotite porphyroblasts. Upper contact is gradational with sharp, distinct lower contact.						
			147.1 - 10 cm quartz vein with minor epidote? Lower angle fault offsets vein in an apparent dextral sense of movement.						
			150.2 - 15 cm zone of minor quartz veining within biotite-rich sediments. Veins are contorted and boudinaged.						
			177.2 - 15 cm quartz-carbonate vein. Local epidote within vein.						
			180.7 - 20 cm discordant, boudinaged quartz-calc-silicate vein. Minor biotite stringers within vein.	M4534	193.5	195.0	1.5	<5	
			195.0-197.3 - alternating graphite and sediment bands. Local pyrrhotite ± pyrite stringers. Graphite bands are up to 2 cm.	M4535	195.0	196.5	1.5	<5	
				M4536	196.5	198.0	1.5	<5	
				M4537	198.0	199.5	1.5	<5	
				M4538	199.5	200.9	1.4	<5	
			200.3 - 40 cm quartz + feldspar vein.	M4539	200.9	202.1	1.2	<5	
			201.2 - 60 cm quartz feldspar vein. Contact of vein is at 15° to core axis.						
			202.1 - 60 cm quartz vein. Upper contact is at 12° to core axis.	M4540	202.1	203.4	1.3	<5	
				M4541	203.4	204.9	1.5	<5	
				M4542	204.9	205.9	1.0	<5	
				M4543	205.9	207.0	1.1	<5	
				M4544	207.0	208.5	1.5	<5	
				M4545	208.5	210.0	1.5	<5	
				M4546	210.0	211.5	1.5	<5	
			211.0-213.1 - alternating minor (<1 cm) graphite bands and sediments. Local pyrite stringers.	M4547	211.5	213.0	1.5	<5	
				M4548	213.0	214.5	1.5	<5	
				M4549	214.5	216.0	1.5	<5	
				M4550	216.0	217.5	1.5	<5	
				M4551	217.5	219.0	1.5	<5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
	219.0	END OF HOLE							

Foliations:

18m = 40°	171 = 50°
27 = 40°	180 = 45°
36 = 39°	189 = 46°
45 = 42°	198 = 52°
54 = 40°	207 = 46°
63 = 40°	216 = 42°
72 = 42°	
81 = 40°	
90 = 43°	
99 = 42°	
108 = 45°	
117 = 44°	
126 = 48°	
135 = 50°	
144 = 45°	
153 = 42°	
162 = 47°	

TECK EXPLORATION LTD.
DIAMOND DRILL LOG

Job 164000 N.T.S. 52 F/10,11
Property Temple Aubrey
Township Aubrey
Location: Line L21+00W
Station 0+50S
Claim No. K1144470
Logged Chris Galway

Objective To test IP Anomaly

Drilling Co. St. Lambert Drilling Co. Ltd.
Commenced November 18, 1998
Completed November 23, 1998
Length 300.0 m

Core Location Wabigoon core shack, Hwy 17
Distance to Water 650 m
Casing Lost 14.6 m

Core Size NQ
Date Logged November 23, 1998

DRILL HOLE SUMMARY

This hole is dominated by quartz eye rock, mainly quartz eye gneiss with minor quartz sericite schist. Two schist units, one at 103.2 to 117.6 m and a second at 193.9 to 202.7 m are bounded by the gneissic unit. The first schist contains 2-3% disseminated pyrite + chalcopyrite with local pyrite ± chalcopyrite ± sphalerite stringers. A combination of the sulphides within the schist and the pyrite + chalcopyrite ± sphalerite stringers from 90.0 to 103.2 m account for the IP anomaly at this location.

Assay Samples: M4552-M4735 (183 samples).

Tests	Dip	Azimuth
At Collar	-60°	000°
21m	-60°	358°
51m	-59°	357°
102m	-58°	358°
150m	-57°	358°
201m	-56°	357°
250m	-53.5°	355°
300m	-52°	357°

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
0.0	14.6	OVERBURDEN	Casing.						
14.6	16.0	GRANITE 5f	Medium to coarse-grained mix of white to pinkish-white and small black crystals. Massive texture. Hornblende crystals are medium-grained while k-feldspar and quartz crystals are medium to coarse-grained. Local minor biotite. Sharp lower contact.						
16.0	22.7	QUARTZ EYE GNEISS 3a	Fine to medium-grained light grey in colour with minor light brown bands. Unit has bleached appearance. Weak to moderate gneissic fabric. Trace disseminated pyrite. Local 2% disseminated muscovite. Local discordant quartz + biotite veins, up to 30 cm. Lower contact is folded and contorted with calc-silicate along margin. Alteration is siliceous with local minor sericitic bands.						
22.7	103.2	QUARTZ EYE GNEISS/QUARTZ PORPHYRY 3a/c	Fine to medium-grained. Alternating bands of light grey and dark grey to brown. Siliceous to local sericite-rich zones. Trace disseminated pyrite ± chalcopyrite. Local minor pyrite + biotite stringers. Pyrite stringers increasing in occurrence downhole. Local sphalerite associated with pyrite stringers occurring in lower portion of hole. Local feldspar porphyroblasts, local muscovite porphyroblasts. Discordant and S_2 quartz veins, up to 15 cm. Local minor calc-silicate veins, up to 2 cm. Minor chlorite and carbonate healed fractures, commonly with bleached margins.	M4552	33.0	34.5	1.5	15	
				M4553	34.5	36.0	1.5	20	
			36.0-37.5 - local chlorite healed fractures. 1% disseminated pyrite along fractures.	M4554	36.0	37.5	1.5	85	
			37.5-39.0 - local pyrite ± biotite stringers.	M4555	37.5	39.0	1.5	35	
				M4556	39.0	40.5	1.5	20	
				M4557	40.5	42.0	1.5	<5	
				M4558	42.0	43.5	1.5	5	
				M4559	43.5	45.0	1.5	<5	
			46.3 - 15 cm quartz vein.	M4560	45.0	46.5	1.5	<5	
				M4561	46.5	48.0	1.5	<5	
				M4562	48.0	49.5	1.5	15	
				M4563	49.5	51.0	1.5	15	
				M4564	51.0	52.5	1.5	30	
			52.5-54.0 - local sphalerite ± pyrite stringers, calc-silicate vein (5	M4565	52.5	54.0	1.5	20	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			cm) at 53.1 m. Disseminated pyrite within vein.						
			54.5 - 50 cm zone of discordant, boudinaged quartz veins. Calc-silicate along margins.	M4566	54.0	55.5	1.5	10	
			55.7 - 1.3 m zone of bleached gneiss. Local chlorite and carbonate healed fractures.	M4567	55.5	57.0	1.5	15	
				M4568	57.0	58.5	1.5	15	
				M4569	58.5	60.0	1.5	15	
				M4570	60.0	61.5	1.5	5	
			61.5-63.0 - trace to 1% disseminated pyrite.	M4571	61.5	63.0	1.5	5	
			63.0-64.5 - local pyrite + sphalerite ± biotite stringers.	M4572	63.0	64.5	1.5	5	
				M4573	64.5	66.0	1.5	75	
			66.0-67.5 - local pyrite + sphalerite stringers near lower contact.	M4574	66.0	67.5	1.5	75	
			67.5-69.0 - local pyrite stringer along S_2 fabric at upper contact.	M4575	67.5	69.0	1.5	25	
				M4576	69.0	70.5	1.5	15	
				M4577	70.5	72.0	1.5	8	
			72.0-73.5 - local sphalerite stringer at upper contact. Sample	M4578	72.0	73.5	1.5	35	
			interval is bleached and contains 10% chlorite filled	M4579	73.5	75.0	1.5	80	
			fractures. 25 cm zone of discordant quartz veining at bottom	M4580	75.0	76.5	1.5	10	
			of sample.	M4581	76.5	78.0	1.5	20	
			77.6 - 20 cm discordant quartz vein.	M4582	78.0	79.5	1.5	85	
			79.5-81.0 - local pyrite ± sphalerite stringers.	M4583	79.5	81.0	1.5	15	
				M4584	81.0	82.5	1.5	25	
				M4585	82.5	84.0	1.5	20	
				M4586	84.0	85.5	1.5	20	
				M4587	85.5	87.0	1.5	10	
			87.4 - 70 cm quartz-tourmaline vein; pyrite + chalcopyrite + biotite along upper contact.	M4588	87.0	88.5	1.5	10	
			88.8 - minor (2 cm) fault gouge.	M4589	88.5	90.0	1.5	15	
			90.0-91.5 - pyrite + chalcopyrite ± sphalerite stringer at upper contact.	M4590	90.0	91.5	1.5	150	
			91.5-93.0 - pyrite + sphalerite stringer at lower contact.	M4591	91.5	93.0	1.5	15	
				M4592	93.0	94.5	1.5	5	
				M4593	94.5	96.0	1.5	45	
				M4594	96.0	97.5	1.5	5	
			97.5-99.0 - local pyrite + chalcopyrite ± sphalerite ± biotite stringers.	M4595	97.5	99.0	1.5	160	
			99.0-100.5 - local pyrite + chalcopyrite ± sphalerite stringers.	M4596	99.0	100.5	1.5	1.21g	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			100.5-102.0 - as above.	M4597	100.5	102.0	1.5	525	
			102.0-103.2 - as above.	M4598	102.0	103.2	1.5	140	
103.2	117.6	QUARTZ-SERICITE SCHIST 3b	Fine to medium-grained, light grey in colour. Sericite alteration with silica lenses throughout entire unit. Strong schistose (fabric) texture. 2-3% disseminated pyrite ± chalcopyrite. Local stringers of pyrite ± chalcopyrite ± sphalerite. Local minor biotite stringers. Local zone of tourmaline? concentrated in irregular patches. Local muscovite porphyroblasts. Local discordant and S_2 quartz veins, up to 3 cm. Local minor (1 cm) calc-silicate veins, local carbonate and chlorite healed fractures, commonly exhibiting bleached margins. Gradational upper and lower contacts.	M4599	103.2	104.2	1.0	110	
				M4600	104.2	105.2	1.0	260	
				M4601	105.2	106.5	1.3	220	
				M4602	106.5	108.0	1.5	200	
				M4603	108.0	109.5	1.5	230	
				M4604	109.5	111.0	1.5	550	
			111.0-112.5 - local zone of irregular tourmaline? patches.	M4605	111.0	112.5	1.5	35	
			112.5-114.0 - as above.	M4606	112.5	114.0	1.5	10	
				M4607	114.0	115.5	1.5	85	
			115.7 - 1 cm zone of fault gouge.	M4608	115.5	116.6	1.1	70	
				M4609	116.6	117.6	1.0	75	
117.6	193.9	QUARTZ EYE GNEISS WITH MINOR QUARTZ-SERICITE SCHIST 3a(b)	Fine to medium-grained light grey with dark charcoal grey bands. Siliceous to locally sericitic. Strong gneissic to schistose fabric. Trace to locally 1% disseminated pyrite ± pyrrhotite. Local pyrite ± sphalerite ± biotite stringers. Local feldspar porphyroblasts. Local tourmaline? stringers and pseudo augens near upper contact. Local fine-grained pervasive epidote where noted. S_2 and boudinaged discordant quartz veins, up to 30 cm. Local calc-silicate veins, up to 5 cm. Local carbonate and chlorite healed fractures, commonly with bleached margins.	M4610	117.6	118.8	1.2	25	
				M4611	118.8	120.0	1.2	5	
			121.1 - 20 cm of 3b. Local pyrite stringers within the schist.	M4612	120.0	121.5	1.5	180	
				M4613	121.5	123.0	1.5	60	
				M4614	123.0	124.5	1.5	15	
				M4615	124.5	126.0	1.5	25	
				M4616	126.0	127.5	1.5	15	
				M4617	127.5	129.0	1.5	10	
			129.0-130.5 - local fine-grained epidote.	M4618	129.0	130.5	1.5	5	
				M4619	130.5	132.0	1.5	15	
			132.0-133.5 - local fine-grained pervasive epidote in 3b.	M4620	132.0	133.5	1.5	10	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4621	133.5	135.0	1.5	50	
				M4622	135.0	136.5	1.5	20	
				M4623	136.5	138.0	1.5	20	
				M4624	138.0	139.5	1.5	20	
				M4625	139.5	141.0	1.5	15	
			141.0-142.5 - local pyrite ± sphalerite stringers.	M4626	141.0	142.5	1.5	10	
				M4627	142.5	144.0	1.5	10	
				M4628	144.0	145.5	1.5	10	
				M4629	145.5	147.0	1.5	15	
			148.0 - 30 cm quartz-tourmaline vein. Local sphalerite within quartz	M4630	147.0	148.5	1.5	10	
			vein.	M4631	148.5	150.0	1.5	25	
				M4632	150.0	151.5	1.5	15	
				M4633	151.5	153.0	1.5	30	
				M4634	153.0	154.5	1.5	35	
				M4635	154.5	156.0	1.5	25	
				M4636	156.0	157.5	1.5	40	
				M4637	157.5	159.0	1.5	43	
				M4638	159.0	160.5	1.5	45	
				M4639	160.5	162.0	1.5	40	
				M4640	162.0	163.5	1.5	50	
				M4641	163.5	165.0	1.5	30	
				M4642	165.0	166.5	1.5	35	
				M4643	166.5	168.0	1.5	35	
				M4644	168.0	169.5	1.5	40	
				M4645	169.5	171.0	1.5	40	
				M4646	171.0	172.5	1.5	25	
			172.5-174.0 - local chlorite healed fractures in moderately sericite-	M4647	172.5	174.0	1.5	38	
			rich zone.	M4648	174.0	175.5	1.5	40	
			175.5-177.0 - local pyrite ± sphalerite stringers in sericite-rich	M4649	175.5	177.0	1.5	20	
			zone.						
			177.0-178.5 - as above.	M4650	177.0	178.5	1.5	15	
				M4651	178.5	180.0	1.5	10	
				M4652	180.0	181.5	1.5	<5	
				M4653	181.5	183.0	1.5	10	
			183.0-184.5 - local sphalerite ± pyrite stringers. Local muscovite	M4654	183.0	184.5	1.5	5	
			porphyroblasts.	M4655	184.5	186.0	1.5	15	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4656	186.0	187.5	1.5	15	
				M4657	187.5	189.0	1.5	8	
				M4658	189.0	190.5	1.5	30	
				M4659	190.5	192.0	1.5	20	
				M4660	192.0	193.0	1.0	10	
			193.0-193.9 - minor green mica lens near upper contact of interval.	M4661	193.0	193.9	0.9	<5	
193.9	202.7	QUARTZ-SERICITE SCHIST 3b	Fine to medium-grained, light grey in colour. Sericitic with silica lenses throughout entire unit. Strong schistose fabric, trace to locally 1% disseminated pyrite. Local pyrite ± sphalerite stringers. Local minor biotite stringers. Local fluorite veinlet. Muscovite porphyroblasts throughout. Minor S_2 quartz veins, up to 2 cm minor epidote. Gradational upper and lower contact of interval.	M4662	193.9	195.0	1.1	15	
				M4663	195.0	196.5	1.5	15	
			196.5-198.0 - local pyrite ± sphalerite stringers.	M4664	196.5	198.0	1.5	25	
			198.0-199.5 - as above.	M4665	198.0	199.5	1.5	30	
				M4666	199.5	200.5	1.0	30	
			200.5-201.5 - fluorite veinlet at upper contact.	M4667	200.5	201.5	1.0	40	
				M4668	201.5	202.7	1.2	60	
202.7	300.0	QUARTZ EYE GNEISS/QUARTZ-SERICITE SCHIST 3a/b	Fine to medium-grained, light grey in colour mixed with bands of dark charcoal grey. Sericite alteration with local siliceous zones, 1% disseminated pyrite + trace pyrrhotite. Local pyrite ± sphalerite stringers. Local minor biotite stringers. 2% muscovite porphyroblasts throughout unit. Local fine-grained epidote. Strong gneissic and schistose texture. S_2 and discordant quartz veins, up to 10 cm. Local minor calc-silicate veins, up to 2 cm. Local chlorite and carbonate healed fractures, commonly with bleached margins.	M4669	202.7	204.0	1.3	55	
				M4670	204.0	205.5	1.5	50	
				M4671	205.5	207.0	1.5	60	
				M4672	207.0	208.5	1.5	50	
				M4673	208.5	210.0	1.5	80	
				M4674	210.0	211.5	1.5	50	
				M4675	211.5	213.0	1.5	35	
			213.0-214.5 - quartz-sericite schist, local pyrite stringers.	M4676	213.0	214.5	1.5	55	
				M4677	214.5	216.0	1.5	28	
			216.0-217.5 - local sphalerite ± pyrite stringers in 3b unit	M4678	216.0	217.5	1.5	20	
			217.5-219.0 - as above.	M4679	217.5	219.0	1.5	15	
			219.0-220.5 - local sphalerite ± pyrite stringers.	M4680	219.0	220.5	1.5	10	
				M4681	220.5	222.0	1.5	20	
				M4682	222.0	223.5	1.5	15	
				M4683	223.5	225.0	1.5	40	
				M4684	225.0	226.5	1.5	25	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			226.5-228.0 - minor (40 cm) 3b zone near lower contact.	M4685	226.5	228.0	1.5	25	
				M4686	228.0	229.5	1.5	10	
				M4687	229.5	231.0	1.5	23	
				M4688	231.0	232.5	1.5	20	
				M4689	232.5	234.0	1.5	20	
				M4690	234.0	235.0	1.0	90	
			235.0-236.1 - 3b, trace disseminated pyrite.	M4691	235.0	236.1	1.1	45	
			236.1-237.2 - as above.	M4692	236.1	237.2	1.1	20	
				M4693	237.2	238.5	1.3	20	
				M4694	238.5	240.0	1.5	15	
				M4695	240.0	241.5	1.5	25	
			241.5-243.0 - 70 cm zone of quartz veining at top of sample.	M4696	241.5	243.0	1.5	20	
				M4697	243.0	244.5	1.5	120	
			244.5-245.4 - green dyke, 30 cm boudinaged quartz vein within dyke.	M4698	244.5	245.4	0.9	85	
				M4699	245.4	246.4	1.0	25	
				M4700	246.4	247.5	1.1	5	
			247.5-249.0 - local pink lenses within minor 3b unit.	M4701	247.5	249.0	1.5	<5	
				M4702	249.0	250.5	1.5	25	
				M4703	250.5	252.0	1.5	70	
				M4704	252.0	253.5	1.5	10	
				M4705	253.5	255.0	1.5	5	
			255.5-258.0 - local fine-grained pervasive epidote. Local pyrite ± sphalerite stringers.	M4706	255.0	256.5	1.5	5	
				M4707	256.5	258.0	1.5	10	
				M4708	258.0	259.5	1.5	10	
			259.5-261.0 - 3b, local fine-grained epidote throughout interval.	M4709	259.5	261.0	1.5	15	
				M4710	261.0	262.5	1.5	10	
				M4711	262.5	264.0	1.5	5	
				M4712	264.0	265.5	1.5	20	
			265.5-267.0 - 30 cm green dyke with 1% disseminated pyrite at lower contact.	M4713	265.5	267.0	1.5	130	
			267.0-268.5 - 35 cm quartz vein at upper contact of sample.	M4714	267.0	268.5	1.5	25	
				M4715	268.5	270.0	1.5	45	
			270.0-271.5 - local pyrite + pyrrhotite ± chalcopyrite? in 3b unit.	M4716	270.0	271.5	1.5	75	
			271.5-277.0 - as above.	M4717	271.5	273.0	1.5	38	
				M4718	273.0	274.5	1.5	25	
				M4719	274.5	276.0	1.5	40	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4720	276.0	277.5	1.5	15	
				M4721	277.5	279.0	1.5	20	
				M4722	279.0	280.5	1.5	40	
			280.5-282.0 - 10 cm calc-silicate + fluorite vein at lower contact.	M4723	280.5	282.0	1.5	50	
			282.0-283.5 - quartz-sericite schist.	M4724	282.0	283.5	1.5	100	
			283.5-285.0 - as above.	M4725	283.5	285.0	1.5	30	
			285.0-286.5 - as above.	M4726	285.0	286.5	1.5	5	
				M4727	286.5	288.0	1.5	8	
				M4728	288.0	289.5	1.5	15	
				M4729	289.5	291.0	1.5	10	
				M4730	291.0	292.5	1.5	15	
				M4731	292.5	294.0	1.5	30	
				M4732	294.0	295.5	1.5	35	
				M4733	295.5	297.0	1.5	30	
			297.0-298.5 - quartz-sericite schist.	M4734	297.0	298.5	1.5	20	
			298.5-300.0 - as above.	M4735	298.5	300.0	1.5	15	
	300.0	END OF HOLE							

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			Foliations: 18m = 45° 27 = 40° 36 = 42° 45 = 54° 54 = 45° 63 = 45° 72 = 40° 81 = 45° 90 = 41° 99 = 40° 108 = 40° 117 = 41° 126 = 43° 135 = 42° 144 = 44° 153 = 45° 162 = 40° 171 = 45° 180 = 49° 189 = 45° 198 = 45° 207 = 45° 216 = 48° 225 = 52° 234 = 48° 243 = 50° 252 = 47° 261 = 51° 270 = 52° 279 = 45° 288 = 50° 297 = 45°						

TECK EXPLORATION LTD.
DIAMOND DRILL LOG

2.19[illegible]

Job 164000 N.T.S. 52 F/14
Property Temple Aubrey
Township Aubrey
Location: Line L23+00W
Station 0+50S
Claim No. K1144470 and K1144457
Logged Chris Galway

Objective To test IP Anomalies

Drilling Co. St. Lambert Drilling Co. Ltd.
Commenced November 22, 1998
Completed November 30, 1998
Length 416.6 m

Core Location Wabigoon core shack, Hwy 17
Distance to Water 850 m
Casing Lost 18.0 m

Core Size NQ
Date Logged December 1, 1998

DRILL HOLE SUMMARY

This hole is dominated by quartz eye gneiss and quartz-sericite schist, with a minor unit of sediments from 297.7 to 337.1 m. Several pegmatite veins (units) were encountered; 92.2-106.8 m and 155.0-175.5 m. Overall sulphide content of the hole was low. Local areas of higher (1%) sulphide content correlates with two IP anomalies, at 1+50N and 2+50N respectively. The first IP anomaly, at 0+50N, correlates with a pegmatite unit with no visible sulphides. The anomaly at 1+50N correlates with a sericite altered sediment unit containing 1% disseminated pyrite and pyrite + pyrrhotite stringers. The weak anomaly, at 2+50N, correlates with a quartz porphyry containing 1% disseminated pyrite along with pyrite + pyrrhotite stringers. No significant values expected.

Assay Samples: M4736-M4944 (208 samples).

Tests	Dip	Azimuth
At Collar	-60°	360°
18m	-58.5°	356°
50m	-57°	355°
102m	-55°	356°
150m	-53°	355°
201m	-52°	354°
252m	-49.5°	353°
300m	-48°	000°
351m	-47°	000°
402m	-46°	000°
417m	-45°	002°

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
0.0	18.0	OVERBURDEN	Casing.						
18.0	92.2	QUARTZ EYE GNEISS 3a	Fine to medium-grained, light grey in colour with dark charcoal grey bands. Siliceous to local sericite alteration. Weak to moderate gneissic texture, trace disseminated pyrite ± chalcopyrite, <1% pyrite ± sphalerite stringers. Local carbonate healed fractures, commonly with bleached margins, local biotite stringers, local epidote. S_2 and discordant boudinaged quartz veins, up to 15 cm, commonly with biotite ± tourmaline along margins. Local calc-silicate veins, up to 5 cm, 1% muscovite porphyroblasts throughout entire unit.						
			45.0-46.5 - disseminated pyrite, local sphalerite ± pyrite stringers.	M4736	45.0	46.5	1.5	140	
			47.6 - 20 cm calc-silicate + epidote vein.	M4737	46.5	48.0	1.5	110	
				M4738	48.0	49.5	1.5	70	
			49.5-51.0 - 1% pyrite + sphalerite stringers.	M4739	49.5	51.0	1.5	100	
			51.0-52.5 - as above.	M4740	51.0	52.5	1.5	55	
			52.5-54.0 - as above.	M4741	52.5	54.0	1.5	33	
				M4742	54.0	55.5	1.5	65	
			55.5-60.0 - quartz porphyry, coarse-grained quartz eyes.	M4743	55.5	57.0	1.5	95	
				M4744	57.0	58.5	1.5	25	
				M4745	58.5	60.0	1.5	30	
			61.1 - 40 cm zone of 3b, top of unit marked by biotite + pyrite + chalcopyrite + pyrrhotite stringer zone.	M4746	60.0	61.5	1.5	55	
				M4747	61.5	63.0	1.5	10	
			66.0-69.0 - 2% minor (10 cm) 3b bands. No visible sulphides.						
			69.4 - 50 cm quartz-feldspar vein. Irregular upper and lower contact.	M4748	75.0	76.5	1.5	5	
			76.5-78.0 - local sphalerite + chalcopyrite + pyrite stringer, 1% local biotite stringers.	M4749	76.5	78.0	1.5	15	
				M4750	78.0	79.5	1.5	40	
			79.6 - 5 cm zone of chalcopyrite + pyrite + sphalerite?, both disseminated and in stringers.	M4751	79.5	81.0	1.5	80	
				M4752	81.0	82.5	1.5	30	
				M4753	82.5	84.0	1.5	15	
				M4754	84.0	85.5	1.5	<5	
				M4755	85.5	87.0	1.5	<5	
				M4756	87.0	88.5	1.5	10	
				M4757	88.5	90.0	1.5	5	
				M4758	90.0	91.1	1.1	30	
				M4759	91.1	92.2	1.1	55	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
92.2	106.8	PEGMATITE 5g	Coarse-grained, light green to beige in colour with dark black crystals throughout. Coarse-grained quartz + feldspar crystals with coarse, up to 2 cm along long axis, tourmaline crystals. Local minor fine-grained garnets in interstitial areas. Local coarse-grained muscovite crystals. Sharp irregular upper and lower contact. Unit has massive texture.	M4760	92.2	93.3	1.1	<5	
				M4761	93.3	94.5	1.2	5	
				M4762	94.5	96.0	1.5	<5	
				M4763	96.0	97.5	1.5	5	
				M4764	97.5	99.0	1.5	10	
				M4765	99.0	100.5	1.5	20	
				M4766	100.5	102.0	1.5	<5	
				M4767	102.0	103.5	1.5	15	
				M4768	103.5	105.0	1.5	<5	
				M4769	105.0	105.9	0.9	<5	
				M4770	105.9	106.8	0.9	45	
106.8	155.0	QUARTZ EYE GNEISS 3a	Fine to medium-grained, light grey in colour with darker steel grey bands throughout. Siliceous with local sericite bands. Moderate gneissic fabric, trace disseminated pyrite + chalcopyrite + sphalerite ± biotite stringers, local patches of tourmaline? 1% muscovite porphyroblasts throughout unit. S_2 and discordant quartz veins, up to 20 cm. Quartz veins commonly have biotite ± tourmaline along margins. Local minor calc-silicate veins, up to 5 cm.	M4771	106.8	108.0	1.2	45	
				M4772	108.0	109.5	1.5	655	
				M4773	109.5	111.0	1.5	10	
				M4774	111.0	112.5	1.5	65	
			113.0 - 15 cm siliceous zone with 2% disseminated pyrite + chalcopyrite and pyrite + chalcopyrite stringers.	M4775	112.5	114.0	1.5	25	
				M4776	114.0	115.5	1.5	15	
				M4777	115.5	117.0	1.5	30	
				M4778	117.0	118.5	1.5	5	
				M4779	118.5	120.0	1.5	45	
				M4780	120.0	121.5	1.5	10	
				M4781	121.5	123.0	1.5	5	
				M4782	123.0	124.5	1.5	15	
				M4783	124.5	126.0	1.5	5	
			126.0 - 30 cm quartz + feldspar + biotite + pyrite veins with irregular contacts.	M4784	126.0	127.5	1.5	10	
				M4785	127.5	129.0	1.5	55	
			129.0-130.5 - local (<1%) sphalerite + pyrite stringers.	M4786	129.0	130.5	1.5	15	
			130.5-132.0 - 3-5% quartz veins, up to 10 cm.	M4787	130.5	132.0	1.5	<5	
				M4788	132.0	133.5	1.5	<5	
				M4789	133.5	135.0	1.5	5	
				M4790	135.0	136.5	1.5	<5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4791	136.5	138.0	1.5	<5	
				M4792	138.0	139.5	1.5	<5	
				M4793	139.5	141.0	1.5	<5	
				M4794	141.0	142.5	1.5	5	
				M4795	142.5	144.0	1.5	15	
			144.0-145.5 - local fine-grained epidote at lower contact.	M4796	144.0	145.5	1.5	10	
			145.5-147.0 - 1% sphalerite + pyrite stringers in sericite-rich zone.	M4797	145.5	147.0	1.5	25	
			147.0-148.5 - 2% pyrite + sphalerite stringers in sericite-rich unit.	M4798	147.0	148.5	1.5	40	
				M4799	148.5	150.0	1.5	<5	
			150.3 - 50 cm green dyke, 1% disseminated pyrite.	M4800	150.0	151.5	1.5	15	
				M4801	151.5	153.0	1.5	<5	
				M4802	153.0	154.0	1.0	5	
				M4803	154.0	155.0	1.0	15	
155.0	175.5	PEGMATITE 5g	Coarse-grained. White to light green in colour with 15% black crystals throughout entire unit. Coarse-grained quartz and feldspar crystals along with coarse, up to 2 cm tourmaline crystals (along long axis). Local coarse garnets and muscovite porphyroblasts. Local epidote? Some muscovite and epidote is interstitial between quartz + feldspar crystals. Sharp upper and lower contacts. Pegmatite has massive texture. No visible sulphides.	M4804	155.0	156.0	1.0	15	
				M4805	156.0	157.5	1.5	<5	
				M4806	174.0	175.5	1.5	<5	
175.5	209.4	QUARTZ-EYE GNEISS 3a	Fine to medium-grained, light grey in colour with dark charcoal grey bands. Siliceous with local sericite bands. Moderate gneissic texture. Trace disseminated pyrite, 1% muscovite porphyroblasts. Local feldspar porphyroblasts. Local biotite stringers. Local fine-grained pervasive epidote. S_2 and discordant, boudinaged quartz veins, up to 10 cm. Quartz veins commonly have biotite along margins. Local calc-silicate veins, up to 5 cm. Local carbonate healed fractures, commonly with bleached margins.	M4807	175.5	177.0	1.5	<5	
				M4808	177.0	178.5	1.5	<5	
			195.5-191.3 - mixed zone of pegmatite and quartz eye gneiss.						
			195.3-196.8 - folding and contorted S_1 fabric around, boudinaged quartz veins, up to 2 cm in size. Fauld gouge at 196.6.						
			204.1-205.2 - local biotite and pinkish lenses in weakly sericite zone.	M4809	207.4	208.4	1.0	<5	
			209.0 - 30 cm zone of boudinaged quartz veins with contorted S_1 fabric	M4810	208.4	209.4	1.0	<5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			around quartz vein. Local biotite + epidote within S_1 fabric. Local minor calc-silicate veins.						
209.4	221.9	QUARTZ-SERICITE SCHIST 3b	Fine to medium-grained, light grey in colour. Sericite alteration with local siliceous zones and silica lenses. Moderate schistose texture, trace disseminated pyrite. Local feldspar porphyroblasts. Local biotite stringers. Local fine-grained epidote. S_2 and discordant boudinaged quartz veins, up to 5 cm. Local calc-silicate veins, up to 5 cm. Local chlorite and carbonate healed fractures, commonly with bleached margins.	M4811	209.4	210.4	1.0	<5	
				M4812	210.4	211.5	1.1	5	
			211.5-213.0 - boudinaged S_2 quartz veins with contorted S_1 fabric along margins.	M4813	211.5	213.0	1.5	<5	
				M4814	213.0	214.5	1.5	<5	
				M4815	214.5	216.0	1.5	<5	
				M4816	216.0	217.5	1.5	10	
			217.5-219.0 - local minor calc-silicate veins.	M4817	217.5	219.0	1.5	5	
				M4818	219.0	220.5	1.5	<5	
				M4819	220.5	221.9	1.4	5	
221.9	297.7	QUARTZ EYE GNEISS/QUARTZ-SERICITE SCHIST 3a/b	Fine to medium-grained, light grey in colour with dark charcoal grey bands. Sericite alteration with local siliceous zones and silica lenses. Moderate gneissic and schistose texture, trace disseminated pyrite, <1% pyrite ± biotite stringers. Local biotite stringers. Local minor epidote lenses. Local biotite porphyroblasts. 2% disseminated muscovite porphyroblasts. Local minor green mica lenses.						
			S_2 and discordant quartz veins, up to 15 cm. Local boudinaged quartz veins, where noted. Local calc-silicate veins, up to 10 cm, commonly with biotite margins, trace pyrite within calc-silicate veins. Local carbonate healed fractures, commonly with bleached margins.	M4820	221.9	223.0	1.1	<5	
				M4821	223.0	224.0	1.0	<5	
				M4822	224.0	225.0	1.0	<5	
				M4823	225.0	226.5	1.5	10	
			226.5-228.0 - 1% pyrite stringers in silica-rich zone. Local boudinaged S_2 quartz veins. Local calc-silicate at upper contact.	M4824	226.5	228.0	1.5	15	
			228.0-229.5 - 1% pyrite stringers in sericite-rich zone.	M4825	228.0	229.5	1.5	5	
			229.5-231.0 - as above.	M4826	229.5	231.0	1.5	5	
				M4827	231.0	232.5	1.5	<5	
			232.5 - minor green mica lens, 15 cm quartz vein at 231.5 m.	M4828	232.5	234.0	1.5	<5	
				M4829	234.0	235.5	1.5	<5	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4830	235.5	237.0	1.5	<5	
			237.5 - 40 cm zone of quartz veining, biotite + calc-silicate along	M4831	237.0	238.5	1.5	15	
			margins.	M4832	238.5	240.0	1.5	<5	
				M4833	240.0	241.5	1.5	5	
				M4834	241.5	243.0	1.5	<5	
				M4835	243.0	244.5	1.5	5	
				M4836	244.5	246.0	1.5	15	
				M4837	246.0	247.5	1.5	5	
			248.5 - 50 cm quartz-sericite schist.	M4838	247.5	249.0	1.5	5	
				M4839	249.0	250.5	1.5	5	
			250.5 - 5 cm calc-silicate + pyrite vein.	M4840	250.5	252.0	1.5	10	
				M4841	252.0	253.5	1.5	5	
				M4842	253.5	255.0	1.5	5	
				M4843	255.0	256.5	1.5	20	
				M4844	256.5	258.0	1.5	5	
				M4845	258.0	259.5	1.5	15	
			261.0 - S_2 quartz vein with folding of S_1 fabric.	M4846	259.5	261.0	1.5		
			261.0-262.5 - local S_1 and quartz vein sub-parallel to core axis.	M4847	261.0	262.5	1.5		
				M4848	262.5	264.0	1.5		
				M4849	264.0	265.5	1.5		
				M4850	265.5	267.0	1.5		
				M4851	267.0	268.5	1.5		
				M4852	268.5	270.0	1.5		
				M4853	270.0	271.5	1.5		
				M4854	271.5	273.0	1.5		
				M4855	273.0	274.5	1.5		
				M4856	274.5	276.0	1.5		
				M4857	276.0	277.5	1.5		
				M4858	277.5	279.0	1.5		
				M4859	279.0	280.5	1.5		
			281.5 - 50 cm quartz-sericite schist.	M4860	280.5	282.0	1.5		
				M4861	282.0	283.5	1.5		
				M4862	283.5	285.0	1.5		
				M4863	285.0	286.5	1.5		
			287.6 - 30 cm quartz veining, local calc-silicate + garnets at upper	M4864	286.5	288.0	1.5		
			contact.	M4865	288.0	289.5	1.5		

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			290.3 - 20 cm quartz vein, contact at 70° to core axis.	M4866	289.5	291.0	1.5		
			292.1 - 20 cm quartz + calc-silicate veining.	M4867	291.0	292.5	1.5		
				M4868	292.5	294.0	1.5		
				M4869	294.0	295.5	1.5		
				M4870	295.5	296.6	1.1		
			297.7 - calc-silicate vein marks lower contact.	M4871	296.6	297.7	1.1		
297.7	337.1	GREYWACKE AND PELITE 2a/b	Fine to medium-grained, dark charcoal grey in colour. Moderately laminated, trace disseminated pyrite. Local andalusite porphyroblasts. Local garnets. Local biotite stringers. S_2 and discordant quartz veins, up to 10 cm and locally boudinaged. Local calc-silicate veins, up to 5 cm. Local carbonate healed fractures, commonly with bleached margins.	M4872	297.7	299.2	1.5		
				M4873	299.2	300.5	1.5		
			315.0-316.5 - 10 cm quartz vein with calc-silicate margins at lower contact.	M4874	315.0	316.5	1.5		
				M4875	316.5	318.0	1.5		
			318.0-319.5 - 2% pyrite ± sphalerite ± biotite ± pyrrhotite stringers, 20 cm discordant quartz vein at 318.8.	M4876	318.0	319.5	1.5		
			319.5-321.0 - increasing sericite alteration downhole, 1% pyrite ± pyrrhotite ± biotite stringers.	M4877	319.5	321.0	1.5		
			321.0-325.5 - moderate to local strong sericite alteration, 1% pyrite + biotite stringers, 1% disseminated pyrite.	M4878	321.0	322.5	1.5		
				M4879	322.5	324.0	1.5		
				M4880	324.0	325.5	1.5		
				M4881	325.5	327.0	1.5		
				M4882	327.0	328.5	1.5		
				M4883	328.5	330.0	1.5		
				M4884	330.0	331.5	1.5		
				M4885	331.5	333.0	1.5		
				M4886	333.0	334.5	1.5		
				M4887	334.5	336.0	1.5		
				M4888	336.0	337.1	1.1		
337.1	374.0	QUARTZ EYE GNEISS/QUARTZ-SERICITE SCHIST 3a/b	Fine to medium-grained, light grey in colour with dark charcoal grey bands. Moderate sericite alteration. Moderate to strong gneissic and schistose texture. 1% disseminated pyrite. 1% pyrite ± sphalerite ± biotite stringers. 1% muscovite porphyroblasts. Local	M4889	337.1	338.1	1.0		
				M4890	338.1	339.3	1.2		
				M4891	339.3	340.5	1.2		
				M4892	340.5	342.0	1.5		

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			minor feldspar porphyroblasts. S_2 and discordant quartz veins, up to 40 cm quartz veins commonly have biotite and/or calc-silicate margins. Local calc-silicate veins, up to 5 cm. Local carbonate veins, commonly with bleached margins. Local pegmatite veins, where noted.	M4893	342.0	343.4	1.4		
				M4894	343.4	345.0	1.6		
				M4895	345.0	346.5	1.5		
				M4896	346.5	348.0	1.5		
				M4897	348.0	349.5	1.5		
				M4898	349.5	351.0	1.5		
				M4899	351.0	352.5	1.5		
				M4900	352.5	354.0	1.5		
				M4901	354.0	355.5	1.5		
				M4902	355.5	357.0	1.5		
				M4903	357.0	358.5	1.5		
			359.4 - 60 cm quartz + feldspar + calc-silicate vein	M4904	358.5	360.0	1.5		
				M4905	360.0	361.5	1.5		
			361.5 - 80 cm pegmatite vein. Upper contact is at 30° to core axis.	M4906	361.5	363.0	1.5		
				M4907	363.0	364.5	1.5		
				M4908	364.5	365.5	1.0		
			365.5-366.6 - pegmatite. Upper contact is at 27° to core axis.	M4909	365.5	366.6	1.1		
			366.6-367.7 - as above. Lower contact at 20° to core axis.	M4910	366.6	367.7	1.1		
				M4911	367.7	369.0	1.3		
				M4912	369.0	370.5	1.5		
				M4913	370.5	372.0	1.5		
				M4914	372.0	373.0	1.0		
				M4915	373.0	374.0	1.0		
374.0	416.6	QUARTZ-EYE GNEISS, QUARTZ PORPHYRY 3a, c	Fine to medium-grained, steel grey in colour with local minor dark charcoal grey bands. Moderate gneissic texture. Siliceous alteration with minor local sericite zones. Trace to locally 1% disseminated pyrite. Trace pyrite ± biotite ± pyrrhotite stringers. 5% quartz porphyroblasts. Local feldspar porphyroblasts. S_2 and discordant quartz veins, up to 10 cm. Local calc-silicate veining up to 5 cm. Local carbonated healed fractures, commonly with bleached margins. Minor carbonate as matrix in porphyry unit.	M4916	374.0	375.0	1.0		
				M4917	375.0	376.5	1.5		
				M4918	376.5	378.0	1.5		
				M4919	378.0	379.5	1.5		
				M4920	379.5	381.0	1.5		
				M4921	381.0	382.5	1.5		
				M4922	382.5	384.0	1.5		
				M4923	384.0	385.5	1.5		
				M4924	385.5	387.0	1.5		
				M4925	387.0	388.5	1.5		
				M4926	388.5	390.0	1.5		
				M4927	390.0	391.5	1.5		

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
				M4928	391.5	393.0	1.5		
				M4929	393.0	394.5	1.5		
				M4930	394.5	396.0	1.5		
				M4931	396.0	397.5	1.5		
				M4932	397.5	399.0	1.5		
				M4933	399.0	400.5	1.5		
				M4934	400.5	402.0	1.5		
				M4935	402.0	403.5	1.5		
				M4936	403.5	405.0	1.5		
				M4937	405.0	406.5	1.5		
				M4938	406.5	408.0	1.5		
				M4939	408.0	409.5	1.5		
				M4940	409.5	411.0	1.5		
			409.6 - 30 cm quartz + feldspar tourmaline + muscovite vein.	M4941	411.0	412.5	1.5		
				M4942	412.5	414.0	1.5		
				M4943	414.0	415.3	1.3		
				M4944	415.3	416.6	1.3		
	416.6	END OF HOLE							

Foliations:

21m = 43°	174 = N/A massive	327 = 52°
30 = 41°	183 = 52°	336 = 60°
39 = 48°	192 = 56°	345 = 60°
48 = 41°	201 = 55°	354 = 63°
57 = 45°	210 = 50°	363 = 50°
66 = 50°	219 = 60°	372 = 55°
75 = 45°	228 = 50°	381 = 60°
84 = 43°	237 = 52°	390 = 55°
93 = N/A) unfoliated	246 = 53°	399 = 57°
102 = N/A)	255 = 54°	408 = 60°
111 = 50°	264 = 55°	
120 = 51°	273 = 50°	
129 = 49°	282 = 55°	
138 = 51°	291 = 55°	

Depth (m) From	Depth (m) To	Rock Type	Descriptions	Sample No.	From	To	Lgth (m)	Au ppb	Au g/t (P+M)
			147 = 50° 300 = 61° 156 = N/A) massive 5g 309 = 54° 165 = N/A) 318 = 42°						

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Tel: 705 642-3244 Fax: 705 642-3300
Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8
Tel: 604 327-3436 Fax: 604 327-3423

2.19987

Company:	Teck Explorations Ltd.
Geologist:	C. Galway
Project:	164000
TSL Report:	S8287
Date Received:	Dec 04, 1998
Date Reported:	Dec 08, 1998
Invoice:	32347

Sample Type:	Number	Size Fraction	Sample Preparation
Core	99	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize

All samples for Fire Assay/AA (Au ppb) are weighed at 30 grams.
All samples for Fire Assay/Gravimetric (Au g/t) are weighed at 29.16 grams.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	1000
Au	g/t	Fire Assay/Gravimetric	.03	100%

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SAMPLE(S) FROM Teck Explorations Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No.
S8213

SAMPLE(S) OF Core

INVOICE #: 32258
P.O.:

C. Galway
Project: 164000

	Au ppb	Au g/t
M4199	130	
M4200	190	
M4201	100/90	
M4202	100	
M4203	240	
M4204	360	.38
M4205	240	
M4206	250	
M4207	150	
M4208	70	
M4209	110	
M4210	90	
M4211	30/25	
M4212	50	
M4213	40	
M4214	30	
M4215	70	
M4216	45	
M4217	60	
M4218	30	

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REPORT No.
S8213

SAMPLE(S) OF Core

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C. Galway
Project: 164000

	Au ppb	Au g/t
M4219	120	
M4220	80	
M4221	190/170	
M4222	35	
M4223	55	
M4224	85	
M4225	45	
M4226	150	
M4227	25	
M4228	25	
M4229	30	
M4230	45	
M4231	25/30	
M4232	20	
M4233	45	
M4234	15	
M4235	45	
M4236	40	
M4237	65	
M4238	810	.86

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P1B 8Z4

REPORT No.
S8213

INVOICE #: 32258
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb	Au g/t
M4239	730	.72
M4240	340	.31
M4241	140/140	
M4242	75	
M4243	310	.34
M4244	110	
M4245	60	
M4246	180	
M4247	140	
M4248	25	
M4249	110	
M4250	35	
M4251	190/170	
M4252	120	
M4253	45	
M4254	80	
M4255	290	
M4256	80	
M4257	180	
M4258	85	

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SAMPLE(S) OF Core

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P.O.:

C. Galway
Project: 164000

	Au ppb
M4259	280
M4260	260
M4261	450/420
M4262	180
M4263	130
M4264	90
M4265	80
M4266	250
M4267	260
M4268	90
M4269	210
M4270	80
M4271	50/45
M4272	25
M4273	20
M4274	30
M4275	35
M4276	130
M4277	25
M4278	35

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P1B 8Z4

REPORT No.
S8213

SAMPLE(S) OF Core

INVOICE #: 32258
P.O.:

C. Galway
Project: 164000

	Au ppb
M4279	110
M4280	40
M4281	5/5
M4282	<5
M4283	<5
M4284	<5
M4285	20
M4286	35
M4287	15
M4288	15
M4289	50
M4290	15
M4291	15/10
M4292	10
M4293	5
M4294	10
M4295	35
M4296	20
M4297	15
M4298	10

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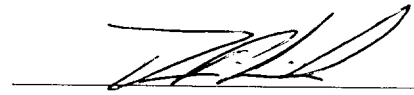
SIGNED 

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REPORT No.
S8213

INVOICE #: 32258
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4299	10
M4300	5
M4301	20/20
M4302	10
M4303	<5
M4304	5
M4305	65
M4306	15
M4307	10
M4308	10
M4309	10
M4310	10
M4311	5/5
M4312	10
M4313	10
M4314	20
M4315	35
M4316	20
M4317	25
M4318	15

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REPORT No.
S8213

SAMPLE(S) OF Core

INVOICE #: 32258
P.O.:

C. Galway
Project: 164000

	Au ppb
M4319	15
M4320	50
M4321	80/70
M4322	25
M4323	5
M4324	<5
M4325	10
M4326	5
M4327	<5
M4328	5
M4329	<5
M4330	5
M4331	10/10
M4332	35
M4333	30
M4334	25
M4335	15
M4336	5
M4337	20
M4338	15

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REPORT No.
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SAMPLE(S) OF Core

INVOICE #: 32258
P.O.:

C. Galway
Project: 164000

	Au ppb
M4339	10
M4340	25
M4341	20/30
M4342	50
M4343	10
M4344	20
M4345	25
M4346	20
M4347	10
M4348	15
M4349	45
M4350	40
M4351	35
M4352	15
M4353	65
M4354	15
M4355	10
M4356	5
M4357	20

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P1B 8Z4

REPORT No.
S8214

INVOICE #: 32259
P.O.:

SAMPLE(S) OF Rock

R. Page
Project: 000100

	Au ppb	Au g/t	Cu ppm	Ni ppm	Pt ppb	Pd ppb	Cu %
M3879	380	.45	>5000	1200	470	790	.89
M3880	360	.31	>5000	1000	490	860	.81
M3881	330	.28	>5000	870	390	700	.51
M3882	140/130		2900	510	150	230	
M3883	95		2800	490	130	170	
M3884	90		2700	490	130	170	
M3885	70		1800	350	100	140	
M3886	45		1200	420	65	60	

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North Bay, Ontario
P1B 8Z4

REPORT No.
S8233

INVOICE #: 32279
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4358	<5
M4359	80
M4360	<5/<5
M4361	<5
M4362	<5
M4363	<5
M4364	40
M4365	25
M4366	20
M4367	<5
M4368	<5
M4369	<5
M4370	<5/<5
M4371	<5
M4372	<5
M4373	10
M4374	<5
M4375	<5
M4376	<5
M4377	<5

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REPORT No.
S8233

INVOICE #: 32279
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb	Au g/t
M4378	<5	
M4379	<5	
M4380	<5/<5	
M4381	20	
M4382	250	.24
M4383	5	
M4384	45	
M4385	20	
M4386	5	
M4387	10	
M4388	<5	
M4389	10	
M4390	10/15	
M4391	15	
M4392	30	
M4393	10	
M4394	20	
M4395	80	
M4396	20	
M4397	70	

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REPORT No.
S8233

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P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4398	55
M4399	50
M4400	30/35
M4401	15
M4402	15
M4403	15
M4404	5
M4405	10
M4406	10
M4407	15
M4408	10
M4409	10
M4410	5/5
M4411	10
M4412	10
M4413	10
M4414	10
M4415	10
M4416	20
M4417	10

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REPORT No.
S8233

INVOICE #: 32279
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4418	10
M4419	25
M4420	50/35
M4421	15
M4422	15
M4423	25
M4424	10
M4425	10
M4426	10
M4427	5
M4428	5
M4429	10
M4430	15/15
M4431	25
M4432	10
M4433	10
M4434	10
M4435	5
M4436	20
M4437	25

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REPORT No.
S8233

SAMPLE(S) OF Core

INVOICE #: 32279
P.O.:

C. Galway
Project: 164000

	Au ppb
M4438	25
M4439	50
M4440	25/20
M4441	20
M4442	15
M4443	10
M4444	25
M4445	15
M4446	5
M4447	10
M4448	10
M4449	45
M4450	50/50
M4451	45
M4452	90
M4453	60
M4454	160
M4455	90
M4456	90
M4457	50

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REPORT No.
S8233

INVOICE #: 32279
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4458	25
M4459	15
M4460	20/20
M4461	10
M4462	20
M4463	10
M4464	10
M4465	15
M4466	45
M4467	50
M4468	60
M4469	170
M4470	95/75
M4471	85
M4472	25
M4473	55
M4474	35
M4475	50
M4476	35
M4477	30

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P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4478	10
M4479	40
M4480	<5/<5
M4481	20
M4482	10
M4483	10
M4484	10
M4485	15
M4486	15
M4487	15
M4488	35
M4489	55
M4490	60/55
M4491	55
M4492	50
M4493	55
M4494	30
M4495	15
M4496	65
M4497	35

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P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb
M4498	40
M4499	30
M4500	30/30
M4501	35
M4502	30
M4503	60
M4504	50
M4505	60
M4506	60
M4507	50
M4508	170
M4509	130
M4510	45/45
M4511	40
M4512	40
M4513	40
M4514	45
M4515	60
M4516	45
M4517	65

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REPORT No.
S8233

INVOICE #: 32279
P.O.:

SAMPLE(S) OF Core

C. Galway
Project: 164000

	Au ppb	Au g/t
M4518	55	
M4519	540	.48
M4520	40	
M4521	20	
M4522	30	
M4523	45	
M4524	25	
M4525	45	
M4526	20	

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Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8
Tel: 604 327-3436 Fax: 604 327-3423

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SAMPLE(S) FROM: Teck Exploration Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No. S8286

SAMPLE(S) OF: Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb
M4736	140
M4737	110
M4738	70
M4739	100
M4740	55
M4741	35/30
M4742	65
M4743	95
M4744	25
M4745	30
M4746	55
M4747	10
M4748	5
M4749	15
M4750	40
M4751	90/70
M4752	30
M4753	15
M4754	<5
M4755	<5

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SAMPLE(S) FROM

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P1B 8Z4

REPORT No.
S8286

SAMPLE(S) OF
Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb	Au g/t
M4756	10	
M4757	5	
M4758	30	
M4759	55	
M4760	<5	
M4761	5/5	
M4762	<5	
M4763	5	
M4764	10	
M4765	20	
M4766	<5	
M4767	15	
M4768	<5	
M4769	<5	
M4770	45	
M4771	40/50	
M4772	650	.83/.48
M4773	10	
M4774	65	
M4775	25	

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INVOICE TO: Teck Expl.- North Bay

Dec 07/98

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ASSAYERS

Saskatoon: #2 – 302 48th Street East, Saskatoon, Saskatchewan S7K 6A4
Tel: 306 931-1033 Fax: 306 242-4717
Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0
Tel: 705 642-3244 Fax: 705 642-3300
Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8
Tel: 604 327-3436 Fax: 604 327-3423

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Teck Exploration Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No.
S8286

SAMPLE(S) OF
Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb
M4776	15
M4777	30
M4778	5
M4779	45
M4780	10
M4781	5/5
M4782	15
M4783	5
M4784	10
M4785	55
M4786	15
M4787	<5
M4788	<5
M4789	5
M4790	<5
M4791	<5/<5
M4792	<5
M4793	<5
M4794	5
M4795	15

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REPORT No.
S8286

SAMPLE(S) OF

Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb
M4796	10
M4797	25
M4798	40
M4799	<5
M4800	15
M4801	<5/<5
M4802	5
M4803	15
M4804	15
M4805	<5
M4806	<5
M4807	<5
M4808	<5
M4809	<5
M4810	<5
M4811	<5/<5
M4812	5
M4813	<5
M4814	<5
M4815	<5

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North Bay, Ontario
P1B 8Z4

REPORT No.
S8286

SAMPLE(S) OF
Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb
M4816	10
M4817	5
M4818	<5
M4819	5
M4820	<5
M4821	<5/<5
M4822	<5
M4823	10
M4824	15
M4825	5
M4826	5
M4827	<5
M4828	<5
M4829	<5
M4830	<5
M4831	15/15
M4832	<5
M4833	5
M4834	<5
M4835	5

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P1B 8Z4

REPORT No.
S8286

SAMPLE(S) OF Core

INVOICE #: 32346
P.O.:

C. Galway
Project: 164000

	Au ppb
M4836	15
M4837	5
M4838	5
M4839	5
M4840	10
M4841	5/5
M4842	5
M4843	20
M4844	5
M4845	15

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Teck Exploration Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No.
S8287

SAMPLE(S) OF

Core

INVOICE #: 32347
P.O.:

C. Galway
Project: 164000

	Au ppb	Au g/t
M4846	10	
M4847	5	
M4848	<5	
M4849	<5	
M4850	5	
M4851	<5	
M4852	10/10	
M4853	20	
M4854	35	
M4855	35	
M4856	20	
M4857	20	
M4858	10	
M4859	5	
M4860	<5	
M4861	10	
M4862	<5/<5	
M4863	340	.38
M4864	90	
M4865	<5	

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Teck Exploration Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No.
S8287

SAMPLE(S) OF Core

INVOICE #: 32347
P.O.:

C. Galway
Project: 164000

	Au ppb
M4866	<5
M4867	5
M4868	140
M4869	10
M4870	5
M4871	5
M4872	<5/<5
M4873	110
M4874	25
M4875	25
M4876	45
M4877	50
M4878	30
M4879	65
M4880	65
M4881	40
M4882	60/60
M4883	20
M4884	25
M4885	40

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R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No. S8287

SAMPLE(S) OF: Core

INVOICE #: 32347
P.O.:

C. Galway
Project: 164000

	Au ppb
M4886	50
M4887	35
M4888	50
M4889	15
M4890	10
M4891	<5
M4892	<5/<5
M4893	35
M4894	35
M4895	5
M4896	10
M4897	15
M4898	25
M4899	30
M4900	20
M4901	130
M4902	20/15
M4903	10
M4904	15
M4905	5

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SAMPLE(S) FROM: Teck Exploration Ltd.
R.R.5 - 19 Legault Street
North Bay, Ontario
P1B 8Z4

REPORT No. S8287

SAMPLE(S) OF: Core

INVOICE #: 32347
P.O.:

C. Galway
Project: 164000

	Au ppb
M4906	<5
M4907	<5
M4908	<5
M4909	<5
M4910	<5
M4911	<5
M4912	25/20
M4913	10
M4914	25
M4915	10
M4916	5
M4917	<5
M4918	<5
M4919	<5
M4920	<5
M4921	<5
M4922	5/5
M4923	<5
M4924	<5
M4925	<5

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P1B 8Z4

REPORT No. S8287

SAMPLE(S) OF: Core

INVOICE #: 32347
P.O.:

C. Galway
Project: 164000

	Au ppb
M4926	<5
M4927	<5
M4928	<5
M4929	<5
M4930	<5
M4931	<5
M4932	<5/<5
M4933	<5
M4934	<5
M4935	5
M4936	5
M4937	<5
M4938	<5
M4939	<5
M4940	<5
M4941	<5
M4942	10
M4943	5
M4944	<5

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INVOICE TO: Teck Expl.- North Bay

Dec 08/98

SIGNED

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W-9910-00175
Assessment Files Research Imaging

52F14SE2001 2.19937 AUBREY 900

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assesment work and correspond with the mining land holder. Questions about this Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

2.19937

1. Recorded holder(s) (Attach a list if necessary)

Name TECK EXPLORATION LTD.	Client Number 200415
Address R.R. #5, 19 Legault Street	Telephone Number 705-474-5500
North Bay, Ontario P1B 8Z4	Fax Number 705-474-4053
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, Assays and work under section 18 (regs) ✠ Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type Diamond Drilling and Assaying	Office Use Commodity
	Total $ Value of Work Claimed 103,306
Dates Work Performed From 26 (Day) 10 (Month) 1998 (Year) To 30 (Day) 11 (Month) 1998 (Year)	NTS Reference
Global Positioning System Data (if available) Township/Area Aubrey Twp.	Mining Division Kenora
M or G-Plan Number M-1944	Resident Geologist District Kenora

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name TECK EXPLORATION LTD.	Telephone Number 705-474-5500
Address R.R. #5, 19 Legault Street, North Bay, Ontario P1B 8Z4	Fax Number 705-474-4053
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECORDED DEC 22 1999

RECEIVED DEC 22 1999 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Gerry O'Connell (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date December 21, 1999
Agent's Address R.R. #5, 19 Legault Street, North Bay, Ontario P1B 8Z4	Telephone Number 705-474-5500	Fax Number 705-474-4053

0241 (03/97)

Deemed March 21. 2000

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

* Revised Copy * W-9910.00175

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
1	K1144132	1		1600		
2	K1144453	1		2000		
3	K1144454	1		2000		
4	K1144455	1		2000		
5	K1144456	1		2000		
6	K1144457	1	9,880 ✓	2000		7,880
7	K1144458	1		2000		
8	K1144459	1		2000		
9	K1144460	1	9,793 ✓	1600		8,193
10	K1144461	1	18,743 ✓	1200		17,543
11	K1144462	1		~~1200~~ 948		
12	K1144463	1		1600		
13	K1144464	1		1600		
14	K1144465	1		1600		
15	K1144467	1	17,404 ✓	2000		15,404
16	K1144468	1	12,480 ✓	2000		10,480
17	K1144469	1		2000		
18	K1144470	1	35,006 ✓	2000	~~21,000~~ 21,348	~~11,106~~ 11,658
Column Totals			103,306	~~32,400~~ 32,148	~~21,000~~ 21,348	~~70,906~~ 71,158

I, Gerry O'Connell (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
Gerry O'Connell	December 21, 1999

RECORDED
DEC 22 1999

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

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DEC 22 1999
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
0241 (03/97)	Approved for Recording by Mining Recorder (Signature)	

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
0241 (03/97)	Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W.9910.00175

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	1685 metres (NQ	50.55 per metre	85,176
Assaying	744 samples	12.03 per sample	8,950
Geology	34 days	220 per day	7,480
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
4 x4 Truck Rental for 34 days		50.00 pr day	1,700
Food and Lodging Costs			
		Total Value of Assessment Work	103,306

RECORDED
DEC 2 2 1999

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DEC 2 2 1999
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Gerry O'Connell, do hereby certify, that the amounts shown are as accurate as may reasonably
(please print full name)
be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as District Manager I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

Signature	Date
	December 21/99

0212 (03/97)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

January 14, 2000

Gerry O'Connell
TECK EXPLORATION LTD.
RR #5
19 Legault Street
North Bay, Ontario
P1B 8Z4

Dear Sir or Madam:

Submission Number: 2.19937

Status

Subject: Transaction Number(s): W9910.00175 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact STEVE BENETEAU by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 14496
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19937

Date Correspondence Sent: January 14, 2000 **Assessor:** STEVE BENETEAU

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9910.00175	1144457	AUBREY	Approval	January 11, 2000

Section:
16 Drilling PDRILL

Correspondence to:

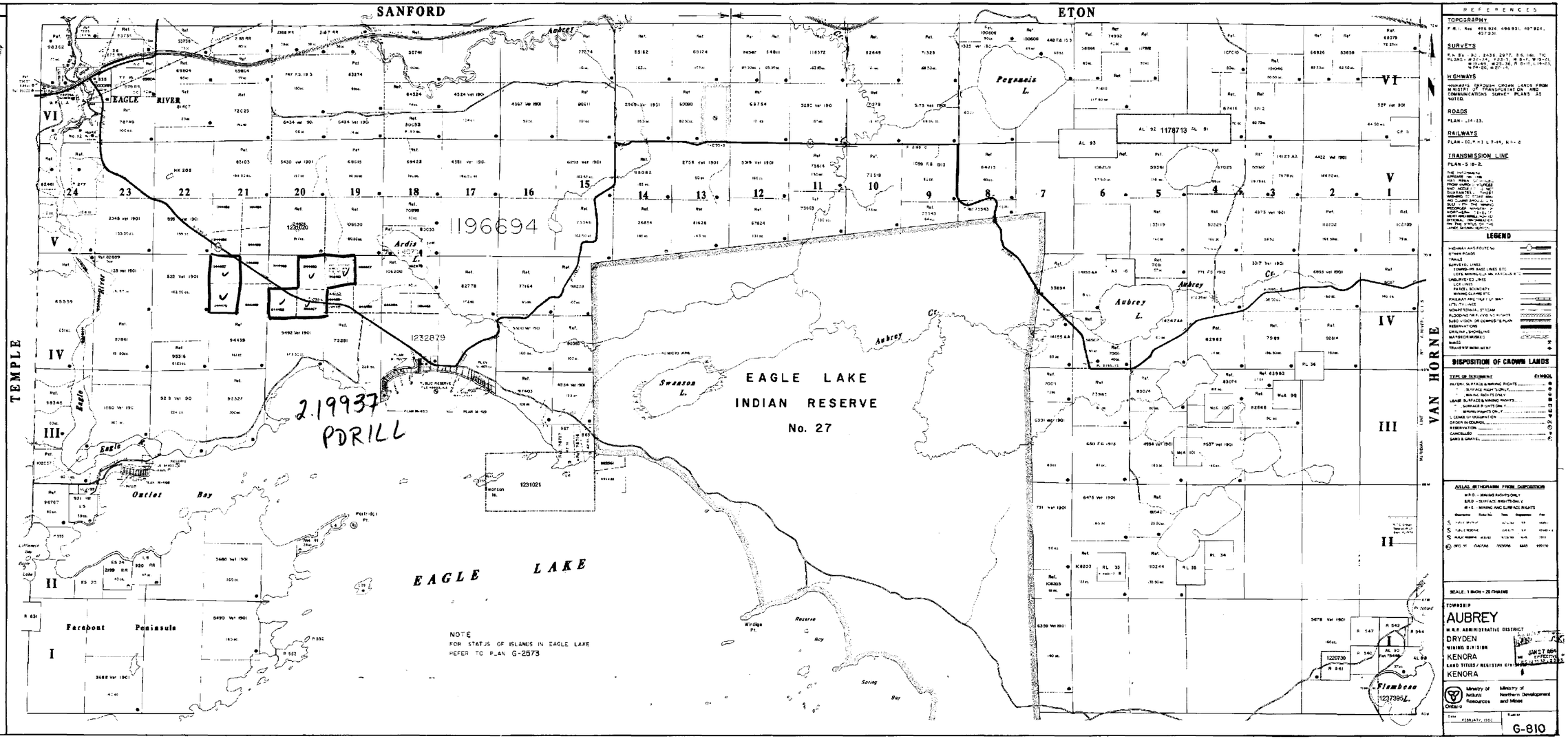
Resident Geologist
Kenora, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Gerry O'Connell
TECK EXPLORATION LTD.
North Bay, Ontario

Correspondence ID: 14496



LEGEND

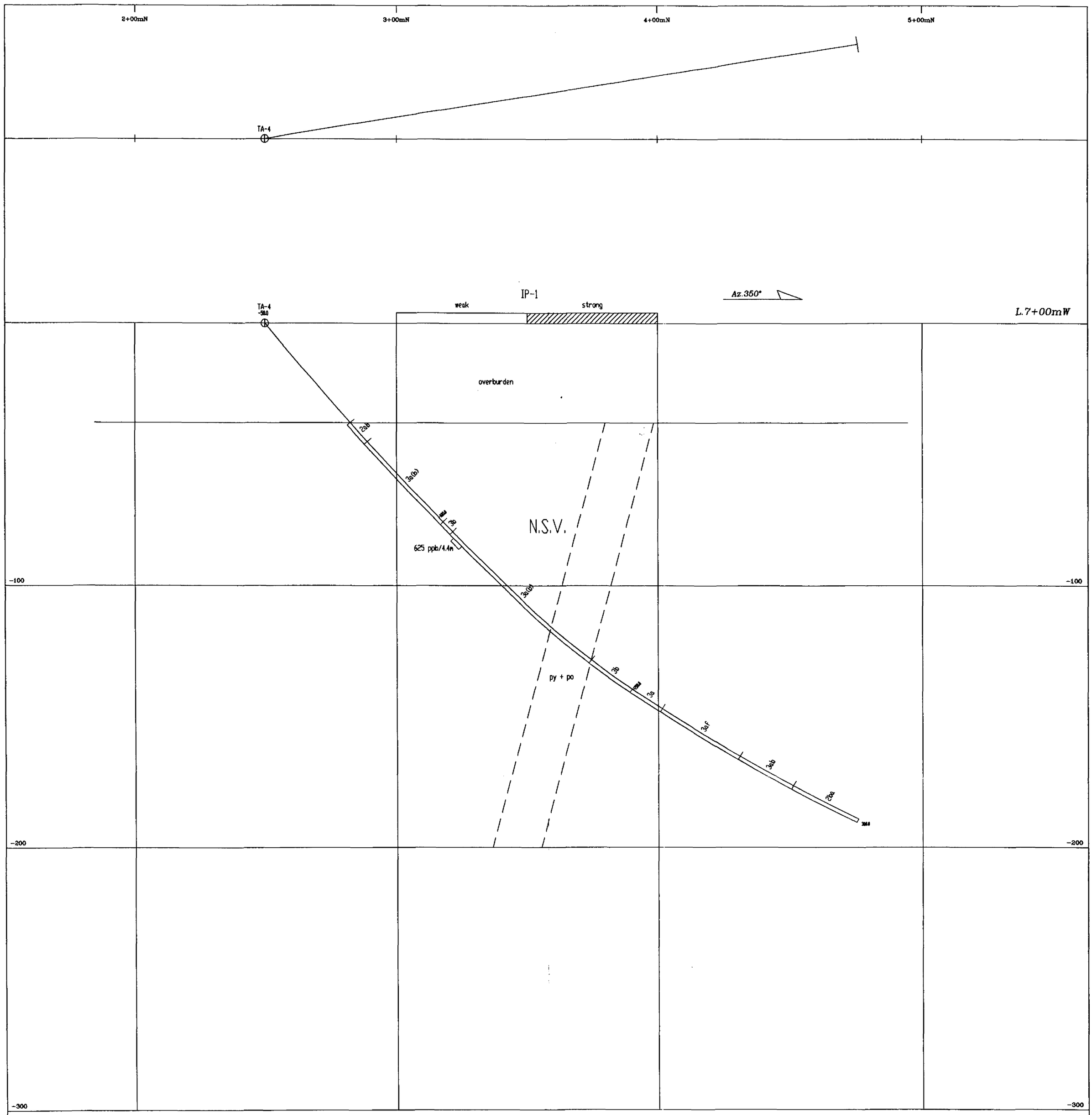
- PROPERTY BOUNDARY
- HIGHWAYS, ROADS, TRAILS
- SLOPE OR RIDGE
- AIRPORT RIGHT OF WAY
- GRID LINES
- DIAMOND DRILL HOLE TRACE
- CLAIM LINES

0 100 200
meters

TECK EXPLORATION LTD.

CLAIM & DIAMOND DRILL HOLE LOCATIONS
TEMPLE-AUBREY PROPERTY
AUBREY TOWNSHIP, ONT.

DATE: DECEMBER 1998	SCALE: 1:5000	Figure No
DRAWN BY: C.GALWAY	JOB No: 164900	1
APPROVED BY: C.GALWAY	N.T.S: 52P/14	



L E G E N D

6 Diabase

5 Felsic Intrusive Rocks
- a. Albite trondhjemite
- b. Quartz + feldspar porphyritic biotite hornblende quartz monzonite
- c. Feldspar porphyry (feldspar >25%)

4 Ultramafic Intrusive Rocks

3 Felsic Volcanics and Intrusive Rocks
- a. Quartz porphyritic biotite + quartz + feldspar gneiss
- b. Muscovite + quartz schist
- c. Quartz ± feldspar porphyry
- f. Feldspar + quartz crystal gneiss (3af)
- r. Quartz-eye ribbon gneiss (3ar)

2 Metasediments
- a. Massive to foliated biotite + quartz + feldspar rocks (greywackes)
- b. Finely laminated quartz + feldspar + biotite schists (pelites)
- c. "IF Association": massive biotite + quartz + feldspar rocks, biotite + quartz + feldspar schists, biotite + quartz + feldspar garnets ± hornblende schist
- d. Magnetite + quartz iron formation
- e. Grey pyritic argillite, pyritic siliceous sediments

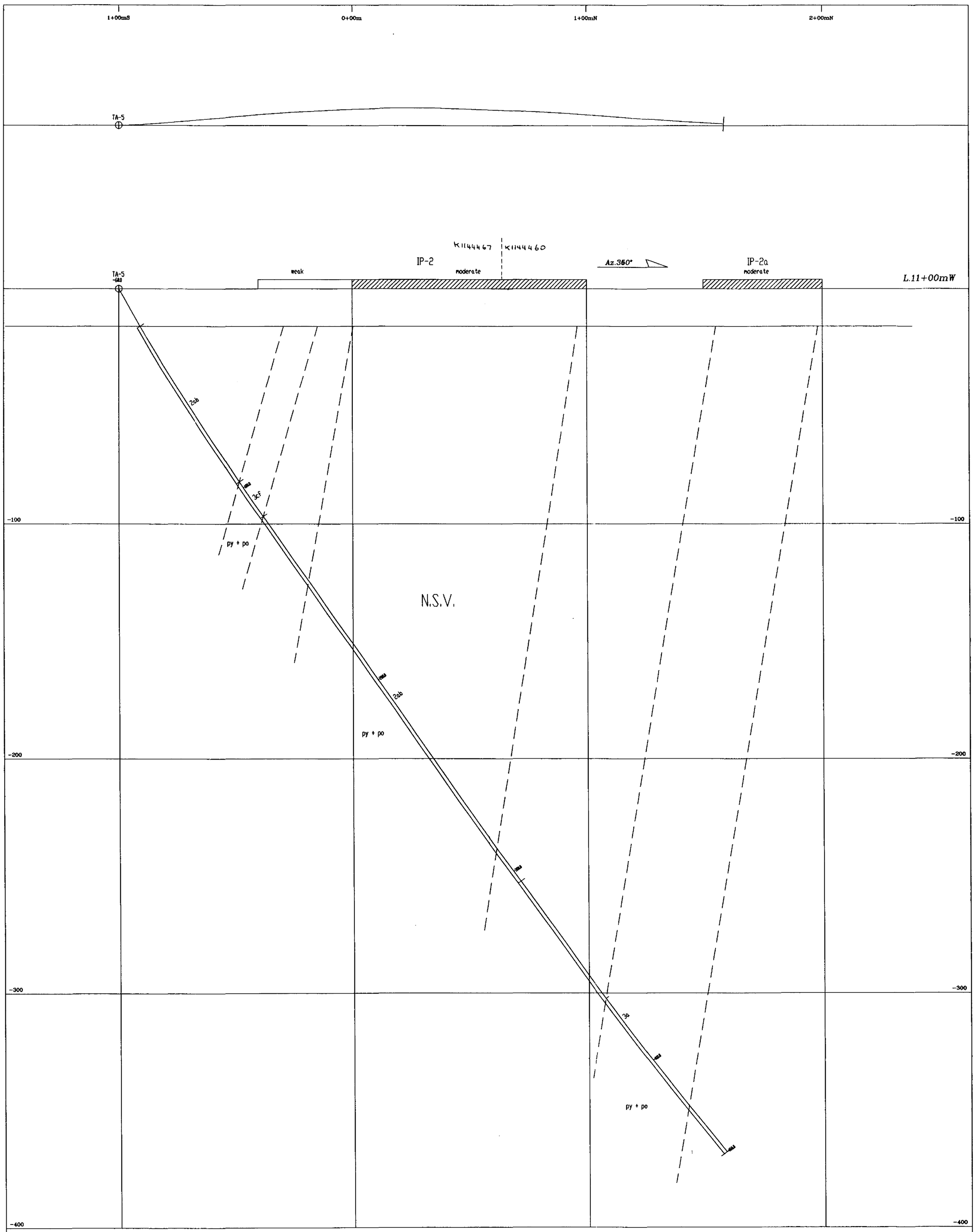
1 Mafic Metavolcanics
- a. Fine to medium-grained hornblende + plagioclase amphibolites
- b. Garnet + hornblende + plagioclase amphibolites

0 50 metres

TECK EXPLORATION LTD.

DDH. SECTION TA-4
TEMPLE-AUBREY PROJECT
AUBREY TP. ONTARIO

DATE DRAWN:	FEBRUARY 1999	SCALE: 1:1 000	DWG.No. 7286
DRAWN By:	BERNIE HOPKINS	JOB No. 16400	
APPROVED By:	C. GALWAY	N.T.S. 52 F/14	



LEGEND

6 Diabase

5 Felsic Intrusive Rocks
- a. Albite trondhjemite
- b. Quartz + feldspar porphyritic biotite hornblende quartz monzonite
- c. Feldspar porphyry (feldspar >25%)

4 Ultramafic Intrusive Rocks

3 Felsic Volcanics and Intrusive Rocks
- a. Quartz porphyritic biotite + quartz + feldspar gneiss
- b. Muscovite + quartz schist
- c. Quartz ± feldspar porphyry
- f. Feldspar + quartz crystal gneiss (3af)
- r. Quartz-eye ribbon gneiss (3ar)

2 Metasediments
- a. Massive to foliated biotite + quartz + feldspar rocks (greywackes)
- b. Finely laminated quartz + feldspar + biotite schists (pelites)
- c. "IF Association": massive biotite + quartz + feldspar rocks, biotite + quartz + feldspar schists, biotite + quartz + feldspar garnets hornblende schist
- d. Magnetite + quartz iron formation
- e. Grey pyritic argillite, pyritic siliceous sediments

1 Mafic Metavolcanics
- a. Fine to medium-grained hornblende + plagioclase amphibolites
- b. Garnet + hornblende + plagioclase amphibolites

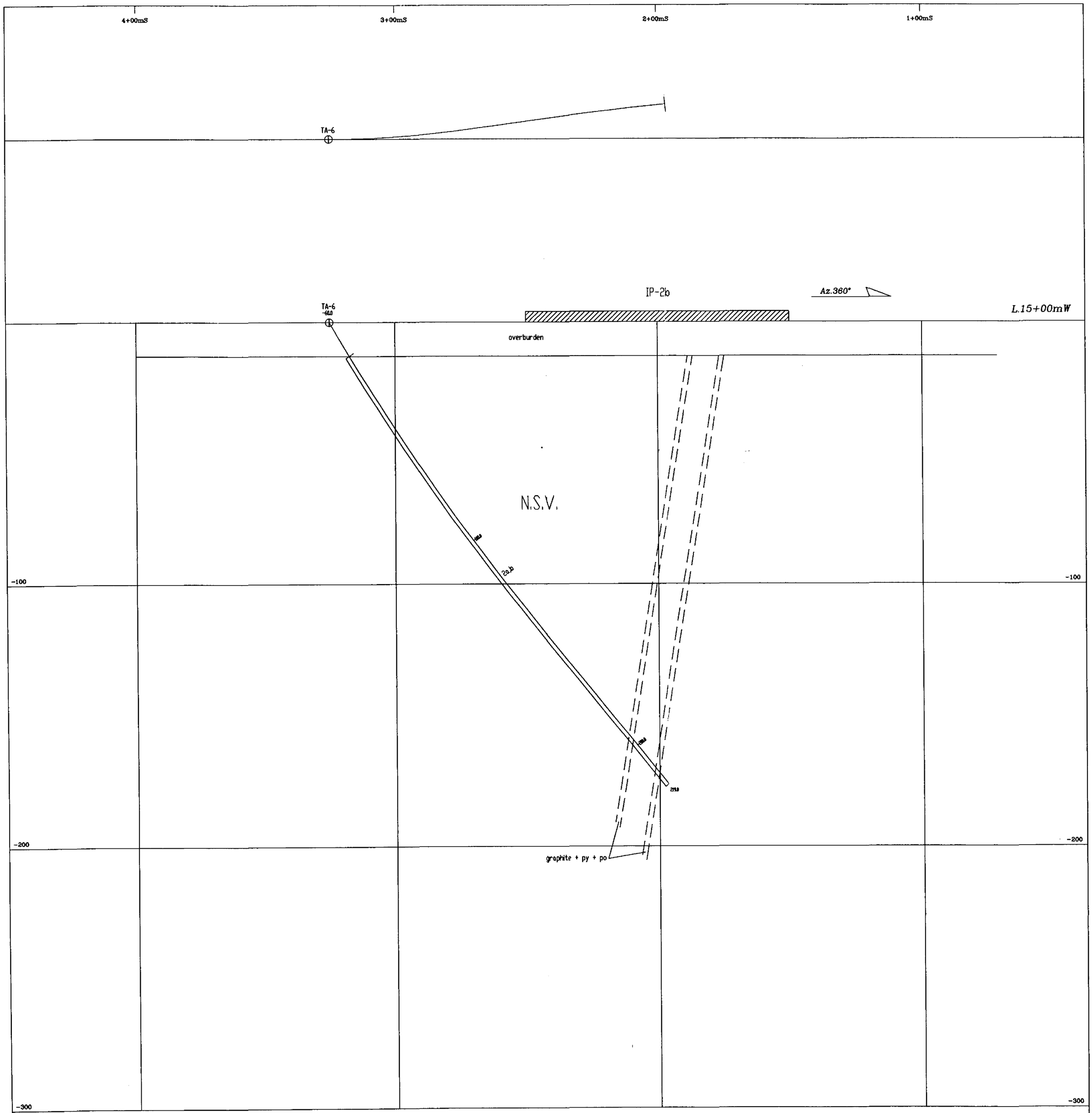
0 50 metres

TECK EXPLORATION LTD.

DDH. SECTION TA-5
TEMPLE-AUBREY PROJECT
AUBREY TP. ONTARIO

DATE DRAWN:	FEBRUARY 1999	SCALE: 1:1 000	DWG.No. 7287
DRAWN By:	BERNIE HOPKINS	JOB No. 164000	
APPROVED By:	C. GALWAY	N.T.S. 52 F/14	

52F14SE2001 2.19937 AUBREY



L E G E N D

6 Diabase

5 Felsic Intrusive Rocks
- a. Albite trondhjemite
- b. Quartz + feldspar porphyritic biotite hornblende quartz monzonite
- c. Feldspar porphyry (feldspar >25%)

4 Ultramafic Intrusive Rocks

3 Felsic Volcanics and Intrusive Rocks
- a. Quartz porphyritic biotite + quartz + feldspar gneiss
- b. Muscovite + quartz schist
- c. Quartz ± feldspar porphyry
- f. Feldspar + quartz crystal gneiss (3af)
- r. Quartz-eye ribbon gneiss (3ar)

2 Metasediments
- a. Massive to foliated biotite + quartz + feldspar rocks (greywackes)
- b. Finely laminated quartz + feldspar + biotite schists (pelites)
- c. "IF Association": massive biotite + quartz + feldspar rocks, biotite + quartz + feldspar schists, biotite + quartz + feldspar garnets hornblende schist
- d. Magnetite + quartz iron formation
- e. Grey pyritic argillite, pyritic siliceous sediments

1 Mafic Metavolcanics
- a. Fine to medium-grained hornblende + plagioclase amphibolites
- b. Garnet + hornblende + plagioclase amphibolites

0 50 metres

TECK EXPLORATION LTD.

DDH. SECTION TA-6
TEMPLE-AUBREY PROJECT
AUBREY TP. ONTARIO

DATE DRAWN:	FEBRUARY 1999	SCALE: 1:1 000	DWG.No. 7288
DRAWN By:	BERNIE HOPKINS	JOB No. 164000	
APPROVED By:	C. GALWAY	N.T.S. 52 F/14	

1+00mS

0+00m

2+00mN

1+00mN

TA-7

IP-3

Az.360°

L.21+00mW

TA-7
-60.0

overburden

3af

3b

3a/c

412 ppb/12.0m

3bbx

3b

-100

N.S.V.

py + po

3a(b)

3b
3bbx

PY

3a/b

py + po

-200

-300

LEGEND

6 Diabase

5 **Felsic Intrusive Rocks**
- a. Albite trondhjemite
- b. Quartz + feldspar porphyritic biotite hornblende quartz monzonite
- c. Feldspar porphyry (feldspar >25%)

4 Ultramafic Intrusive Rocks

3 **Felsic Volcanics and Intrusive Rocks**
- a. Quartz porphyritic biotite + quartz + feldspar gneiss
- b. Muscovite + quartz schist
- c. Quartz ± feldspar porphyry
- f. Feldspar + quartz crystal gneiss (3af)
- r. Quartz-eye ribbon gneiss (3ar)

2 **Metasediments**
- a. Massive to foliated biotite + quartz + feldspar rocks (greywackes)
- b. Finely laminated quartz + feldspar + biotite schists (pelites)
- c. "IF Association": massive biotite + quartz + feldspar rocks, biotite + quartz + feldspar schists, biotite + quartz + feldspar garnets hornblende schist
- d. Magnetite + quartz iron formation
- e. Grey pyritic argillite, pyritic siliceous sediments

1 **Mafic Metavolcanics**
- a. Fine to medium-grained hornblende + plagioclase amphibolites
- b. Garnet + hornblende + plagioclase amphibolites

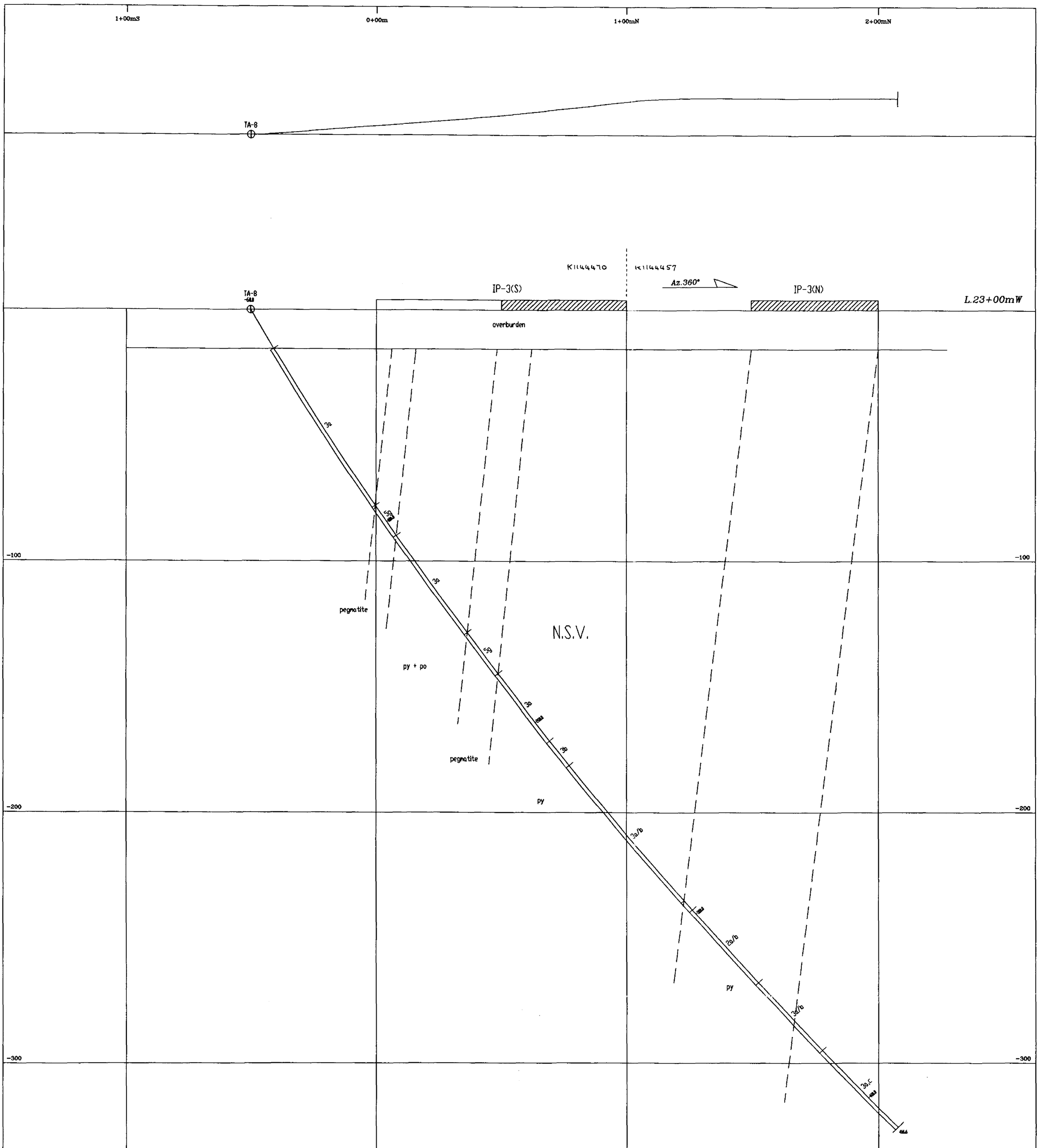
0 50 metres

TECK EXPLORATION LTD.

DDH. SECTION TA-7
TEMPLE-AUBREY PROJECT
AUBREY TP. ONTARIO

DATE DRAWN:	FEBRUARY 1999	SCALE: 1:1 000	DWG.No. 7289
DRAWN By:	BERNIE HOPKINS	JOB No. 164000	
APPROVED By:	C. GALWAY	N.T.S. 52 F/14	

52F14SE2001 2.19937 AUBREY



LEGEND

6 Diabase

5 Felsic Intrusive Rocks
- a. Albite trondhjemite
- b. Quartz + feldspar porphyritic biotite hornblende quartz monzonite
- c. Feldspar porphyry (feldspar >25%)

4 Ultramafic Intrusive Rocks

3 Felsic Volcanics and Intrusive Rocks
- a. Quartz porphyritic biotite + quartz + feldspar gneiss
- b. Muscovite + quartz schist
- c. Quartz ± feldspar porphyry
- f. Feldspar + quartz crystal gneiss (3af)
- r. Quartz-eye ribbon gneiss (3ar)

2 Metasediments
- a. Massive to foliated biotite + quartz + feldspar rocks (greywackes)
- b. Finely laminated quartz + feldspar + biotite schists (pelites)
- c. "IF Association": massive biotite + quartz + feldspar rocks, biotite + quartz + feldspar schists, biotite + quartz + feldspar garnets hornblende schist
- d. Magnetite + quartz iron formation
- e. Grey pyritic argillite, pyritic siliceous sediments

1 Mafic Metavolcanics
- a. Fine to medium-grained hornblende + plagioclase amphibolites
- b. Garnet + hornblende + plagioclase amphibolites

0 50 metres

TECK EXPLORATION LTD.

DDH. SECTION TA-8
TEMPLE-AUBREY PROJECT
AUBREY TP. ONTARIO

DATE DRAWN:	FEBRUARY 1999	SCALE: 1:1 000	DWG.No. 7290
DRAWN By:	BERNIE HOPKINS	JOB No. 164000	
APPROVED By:	C. GALWAY	N.T.S. 52 F/14	