~~2.24073~~

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

2.25454

PROPERTY: Parkin
HOLE No.: P1
Collar Eastings: 12.00
Collar Northings: 175.00
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -45.00
Grid Bearing: 310.00
Final Depth: 60.00 metres
NQ core

Logged by: A. Pryslak
Date: Dec 11 - 12 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	0.6	CASING left in place											
0.6	18.7	OFFSET DYKE: Quartz diorite	1502	9.00	10.00	1.00	0.014	0.004	0.004	51	89	26	N.A.
		- heterolithic Sudbury breccia and massive sections of diorite.	1501	10.00	11.00	1.00	0.051	0.014	0.105	203	1020	39	N.A.
		0.6 - 6.4: breccia with inclusions of gneiss to ultramafic; clast	10551	11.00	11.90	0.90	0.010	0.029	0.027	255	241	24	N.A.
		supported.	10552	11.90	13.30	1.40	0.106	0.598	0.807	5965	5779	130	0.117
		6.4 - 11.0: Anorthosite gabbro/breccia with 10% heterolithic	10553	13.30	14.30	1.00	0.081	0.161	0.257	1904	1932	68	N.A.
		clasts.	10554	14.30	15.30	1.00	0.050	0.082	0.165	930	786	40	N.A.
		11.0 - 11.9: 1 - 2% Py	1528	15.30	16.00	0.70	0.038	0.021	0.057	620	282	30	N.A.
		11.9 - 13.3: mineralizated diatreme,	1529	16.00	17.00	1.00	0.015	0.024	0.050	341	237	26	N.A.
		10 - 15% pyrrhotite/pent-landite, 1 - 2% Cpy, minor Py.	1530	17.00	17.60	0.60	0.007	0.010	0.010	168	75	20	N.A.
		- good fluid streaming features											
		13.3 - 14.3: massive quartz diorite with 4 - 5% blobs of											
		Po & Cpy.											
		- fine accicular toplaty feldspars.											
		14.3 - 15.3: some as above with 1 - 2% Po & Cpy											
		15.3 - 16.7: barren, medium grained QD											
		16.7 - 18.7: fine grained, chilled QD											
18.7	60.0	Diorite: strongly tectonized and annealed by silicification,											
		hematitization and epidote alteration.											
		abundant stubby fs. phenocrysts, very erratically distributed.											
		35.0 - 60.0: small clots of chlorite, likely represent inclusions,											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P1

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		similiar to those at 44.0 - 45.0, which are up to 10 cm. diameter.											
		60.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P2
Collar Eastings: 12.00
Collar Northings: 175.00
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -65.00
Grid Bearing: 310.00
Final Depth: 54.00 metres
NQ Core

Logged by: A. Pryslak
Date: Dec 12 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	0.5	CASING left in place											
0.5	24.2	OFFSET DYKE:	1800	11.80	12.50	0.70	0.007	0.012	0.019	118	170	22	N.A.
		Breccia to massive phases. Quartz diorite is typically	10555	12.50	13.50	1.00	0.029	0.019	0.024	284	456	42	N.A.
		medium grained, dark grey, massive with fine bladed	10556	13.50	14.80	1.30	0.156	0.423	0.482	3604	3021	111	0.151
		feldspars.	10557	14.80	15.80	1.00	0.015	0.005	0.024	185	202	26	N.A.
		0.5 - 11.8: Heterolithic breccia. Essentially clast supported	10558	15.80	16.80	1.00	0.007	0.005	0.005	68	92	21	N.A.
		with fragments varying from gneiss to granite.	10559	16.80	17.80	1.00	0.014	0.005	0.007	107	100	24	N.A.
		- variably silicified, epidotized and some hemetitic.	10560	17.80	19.30	1.50	0.072	0.117	0.163	1618	1502	63	N.A.
		Tr. diss. Py	10561	19.30	20.30	1.00	0.021	0.012	0.050	319	257	26	N.A.
		11.8 - 13.4: massive quartz diorite.	1523	20.30	21.00	0.70	NIL	0.014	0.021	181	136	24	N.A.
		12.5 - 13.4: 2 - 4% blobs of Po/pent. & Cpy & Py. to 1.0 cm.	1524	21.00	21.60	0.60	0.014	0.009	0.019	282	145	21	N.A.
		13.4 - 14.8: breccia & mineralization.											
		- fine to medium breccia with moderate diatreme features											
		such as clast abrasion and fluid streaming.											
		- 8 - 10% Po/pent. + 1% Cpy. as disseminations, blobs,											
		stringers.											
		14.8 - 18.5: Breccia											
		- clasts are essentially bimodal of a dark, aphanitic mafic unit											
		and an amygduloidal mafic unit minor diss. Po + Cpy for											
		about 1.0 cm on either contact.											
		18.5 - 24.2: massive phase; fine - medium grained.											
		- 18.5 - 19.3: 2 - 4% diss. Po, tr. Cp											

2.240073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		- 22.2 - 24.2: fine grained, chilled contact phase very fine laths of feldspar are distinctive. - 24.2: contact sharp at 50 deg.											
24.2	54.0	DIORITE: Porphyritic, strongly brecciated, (tectonized) then annealed by quartz flooding. - Late epidotite +/- hemetite along veins and fractures - probably Nipissing var. 32.8 - 32.95: QV @ 75 deg. TCA. 34.0 - 54.0: small chlorite clots and occasional large chlorite/amphibole bearing inclusions.											
		54.0: E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P3
Collar Eastings: 12.00
Collar Northings: 175.00
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -90.00
Grid Bearing: 0.00
Final Depth: 51.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 12 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	1.0	CASING											
1.0	45.7	OFFSET DYKE:	10562	23.50	24.00	0.50	0.014	0.017	0.012	55	56	9	N.A.
		Qtz diorite.	10563	24.00	24.50	0.50	0.029	0.048	0.091	733	456	31	N.A.
		1.0 - 4.3: Heterolithic Bx, 90% clasts of gneissic to granitic	10564	24.50	25.00	0.50	0.009	0.005	0.005	75	100	24	N.A.
		composition in a gabbroic matrix; local silicification, local	10565	25.00	25.50	0.50	0.010	0.005	0.005	69	114	25	N.A.
		calcite veinlets, trace pyrite.	10566	25.50	26.00	0.50	0.014	0.005	0.021	200	233	26	N.A.
		4.3 - 5.5: Quartz diorite, massive, scattered coarse pyrite	10567	37.00	37.50	0.50	0.039	0.051	0.099	445	422	32	N.A.
		blobs up to 1 cm across.											
		5.5 - 12.0: Heterolithic breccia, qtz gabbroic material makes											
		up 50% of zone; as fragments or as matrix.											
		12.0 - 16.5: Anorthositic gabbro, with 10% heterolithic											
		fragments, lower contact sharp.											
		16.5 - 21.4: Amygdoloidal mafic dyke, feldspathic amygdule											
		or phenocrysts (very irregular shape) up to 1 cm. up to 2%											
		of rock, variably distributed, lower 2 metres has very few											
		phenocrysts of feldspar and smaller (up to 0.5 cm);											
		phenocrysts stretched in upper 0.1 m., this zone also chilled;											
		lower contact irregular and probably gradational.											
		(unit looks ultramafic).											
		21.4 - 26.0: Mineralized Breccia zone; qtz gabbro fragments											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		dominate locally, sulphides are minor overall, but locally encouraging? sulphides include Pyrite, Pyrrhotite, Cpy (Pentlandite) they occur as patches and stringers within the matrix material, where fragments are relatively small (ie. <10 mm in any one direction, fragments in the better mineralized zones are well rounded. Lower contact sharp (Best zone 24.0 - 24.2; 3% Py,Po,Cpy in nice fg/bx).											
		26.0 - 28.1: Mafic dyke (qtz diorite) fine to medium grained, containing massive rare feldspar phenocrysts and local sulphide grains and patches; weakly magnetic locally. Lower contact irregular and appearing gradational.											
		28.1 - 33.0: Breccia zone, similar to mineralized zone above but with < 1% disseminated sulphides, Py, rare Po and Cpy; lower contact gradational into more massive qtz gabbro unit.											
		33.0 - 45.7: Qtz Diorite: medium to fine grained, up to 1% disseminated Py/Po overall, locally tp 3%, rare Cpy; sulphides occur generally as coarse patches and often have a fragmental appearance; occasional narrow calcite veinlets; lower 2 metres is a chilled contact; lower contact abrupt at 20 deg. to the C/A.											
45.7	51.0	DIORITE: Brecciated, local fg. mafic angular gragments, abundant healed fractures, with epidote, calcite, hemetite.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		47.6 - 47.9: fg. chilled dyke; 35 deg to C/A.											
		51.0: E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P4
Collar Eastings: 18.00
Collar Northings: 150.00
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -45.00
Grid Bearing: 299.00
Final Depth: 51.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 12 - 13 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION
0	2.0	CASING
2.0	26.5	OFFSET DYKE: 2.0 - 11.1: Heterolithic Breccia: Fragments of variaable size in a qtz diorite matrix; size ranges from a few mm to tens of centimetres, rounded to subangular to broken phenocrysts; local siliceous matrix; lower contact irregular; 70 - 80 deg to C/A. 11.1 - 15.3: Mafic dyke: brecciated, greyish green gabbroic rock, sausseritized, variable grain size implying an in situ breccia having a coarser grained matrix (diorite); scattered pyrite in matrix material; Lower contact abrupt, appears to be result of stoping; 30 deg to C/A. 15.3 - 19.4: Breccia: Orange - red alteration of coarse grained qtz diorite breccia; sausseritized grey remnants of fragments, scattered pyrite and Cpy. 19.4 - 26.5: Quartz diorite: Relatively massive phase, locally brecciated, local massive sulphide lenses, disseminated patches and grains of pyrite,pyrrhotite and chalcopyrite; rare qtz and calcite veinlets with Cpy. 19.4 - 19.8: Breccia, solution type, lower contact at altered veinlet with Py, Cpy. 19.9: A 3 mm qtz veinlet @ 38 deg to C/A with massive

				ASSAYS						
SAMPLE No.	FROM	TO	WIDTH	GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
1508	18.00	19.00	1.00	0.003	0.004	0.004	256	34	20	N.A.
1509	19.00	19.40	0.40	NIL	0.004	0.004	87	61	21	N.A.
10568	19.40	20.00	0.60	0.161	0.005	0.017	1796	141	16	N.A.
10569	20.00	20.60	0.60	0.621	1.656	2.052	2512	5734	118	0.509
10570	20.60	21.40	0.80	0.010	0.015	0.045	191	209	25	N.A.
10571	21.40	22.10	0.70	0.019	0.017	0.022	203	165	23	N.A.
10572	22.10	22.70	0.60	0.026	0.060	0.069	728	1042	72	N.A.
10573	22.70	23.30	0.60	0.357	0.576	0.586	3085	9777	363	N.A.
10574	23.30	24.00	0.70	0.026	0.038	0.048	304	190	21	N.A.
1525	24.00	25.00	1.00	0.003	0.017	0.026	181	175	24	N.A.
1526	25.00	26.00	1.00	0.002	0.005	0.012	128	108	21	N.A.
1527	26.00	26.40	0.40	0.005	0.004	0.005	103	62	22	N.A.

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		lenses of Cpy. 20.0 - 20.6: Breccia zone, small rounded heterolithic fragments and feldspar phenocrysts with scattered Cpy, Py and Po. Includes a 7 cm massive sulphide lens at 20.1 M. 22.1 - 23.3: Sulphide zone, 3 - 4% disseminated sulphide patches (Py, Po, Cpy) within a "mush" breccia zone; mafic fragments; At 22.8 there is a 10 cm massive sulphide lens (mostly pyrrhotite); A 2 cm massive sulphide lens at 23.0; zone from 23.0 - 23.3 contains about 5% disseminated sulphides (Py, Cpy, Po). 23.3 - 26.0: Massive qtz diorite with scattered grains and patches of sulphides (< 1%). 26.0 - 26.5: chilled margin.											
26.5	51.0	DIORITE: Fractured deformed, with abundant epidotized zones & calcite stringers. Locally breccia zones; occasional more massive zones with less alteration. 42.2 - 44.0: Breccia, sparse, fg mafic fragments; feldspar phenocrysts are epidotized throughout. 51.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P5
Collar Eastings: 18.00
Collar Northings: 150.00
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -70.00
Grid Bearing: 299.00
Final Depth: 60.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 14 - 15 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	0.8	CASING											
0.8	35.1	OFFSET DYKE:	10575	25.00	25.50	0.50	0.003	0.005	0.010	109	118	25	N.A.
		0.8 - 23.8: Breccia: Heterolithic, coarse fragments in a qtz	1518	30.50	31.00	0.50	0.017	0.017	0.027	223	166	22	N.A.
		diorite to diorite matrix, typically 90% rounded to	1519	31.00	32.00	1.00	0.005	0.009	0.024	231	184	22	N.A.
		subrounded fragments; local matrix is coarse grained, often	1520	32.00	33.00	1.00	0.009	0.005	0.021	173	151	24	N.A.
		with orange - red alteration; fragments in upper part appear	1521	33.00	33.40	0.40	0.007	0.010	0.017	138	118	22	N.A.
		to be gneissic; scattered pyrite/ Po throughout, never more	10576	33.40	34.20	0.80	0.022	0.031	0.063	342	265	26	N.A.
		than 1%.	1522	34.20	34.60	0.40	0.015	0.019	0.055	224	224	33	N.A.
		19.8 - 20.8: Small fragment breccia; heterolithic; angular											
		fragment up to 4 cm accross, many appear to be broken											
		phenocrysts of feldspar, less than 0.5 cm; larger fragments											
		include quartz and orange red altered feldspar;											
		upper contact marked by a 3 cm white qtz - calcite											
		vein at 50 deg. to the C/A, epidotized margins; scattered											
		pyrite throughout unit, but less than 1%.											
		23.8 - 27.3: Breccia zone, small angular heterolithic											
		fragments in a fine grained mafic matrix, zone includes											
		abundant broken and angular; up to 1% sulphide											
		(pyrite and trace Cpy). This is the basal breccia that is											
		usually the mineralized zone; upper and lower contacts											
		irregular.											

41I15SW2046 2.25454 PARKIN 050

2.240773

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
35.1	60.0	DIORITE - GABBRO: Altered and deformed unit, epidotized throughout; generally as narrow seams, scattered calcite veinlets; local rare hematite; occasional massive diorite sections, often with minor pyrite, scattered Py/Po in upper section; scattered fine grained mafic inclusions in lower metre. 60.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P6
Collar Eastings: 17.00
Collar Northings: 143.50
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -45.00
Grid Bearing: 270.00
Final Depth: 51.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 15 - 16 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	2.0	CASING											
2.0	25.9	OFFSET DYKE:	1510	17.50	18.00	0.50	0.002	0.004	0.004	72	54	21	N.A.
		2.0 - 20.7: Breccia, heterolithic, mainly coarse fragments of	1511	18.00	19.00	1.00	0.002	0.004	0.005	44	55	21	N.A.
		diorite, qtz diorite, gneissic looking mafic rock, qtz and	1512	19.00	20.00	1.00	0.099	0.137	0.084	870	188	45	0.106
		feldspar; matrix of qtz diorite and more felsic material;	1513	20.00	20.70	0.70	0.041	0.084	0.051	487	194	20	0.046
		scattered pyrite, pyrrhotite; occasional calcite +/- qtz	10577	20.70	21.40	0.70	0.357	0.703	0.706	4644	683	26	0.387
		veinlets.	10578	21.40	22.00	0.60	0.211	0.651	0.480	5050	2014	79	N.A.
		8.6 - 11.7: Small fragment breccia, heterolithic;	10579	22.00	22.80	0.80	0.027	0.029	0.043	344	223	21	N.A.
		well rounded, often with alteration veins; abundant	10580	22.80	23.60	0.80	0.021	0.007	0.048	270	277	29	N.A.
		fragments consist of feldspar and qtz	10581	23.60	24.50	0.90	0.077	0.192	0.144	1061	262	25	N.A.
		phenocrysts, fine grained matrix; many fragments are	10582	24.50	25.40	0.90	0.039	0.027	0.045	563	263	24	N.A.
		orange - red altered feldspar.											
		18.1: A 1.5 cm calcite/qtz veinlet; 50 deg to C/A.											
		20.0: A 2 cm irregular calcite veinlet; 45 - 50 deg to C/A.											
		20.7 - 25.9: Qtz diorite, fine to medium grained, rare fine											
		grained, angular mafic xenoliths; scattered Cpy, Po, Py as											
		patches and stringers; upper contact irregular, lower contact											
		abrupt and chilled.											
		20.7 - 22.0: Fine grained zone, 15% medium grained,											
		chalcopyrite up to 1% overall, as disseminated patches and											
		as stringers or fragments margins; Po/Py occurs also up to											
		1% as disseminated patches and grains, lower contact											

2.240 73

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		abrupt with fg epidotized stringers. 22.0 - 25.4: Mainly medium grained with disseminated patches and grains of Py/Po/Cpy; < 1% overall; lower contact gradational. 25.4 - 25.9: Chilled margins; lower contact very sharp											
25.9	51.0	DIORITE: Massive textured unit containing 60 - 70% medium grained feldspar, scattered mafic inclusions (up to 2 cm) throughout, locally more abundant and occasionally larger (entire width of NQ core); fractured and healed throughout with epidote, calcite and other bleached alteration stringers; scattered rare Py, Po. 46.0 - 48.0: Abundant fine grained black mafic inclusions, angular to subrounded.											
		51.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P7
Collar Eastings: 17.00
Collar Northings: 143.50
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -70.00
Grid Bearing: 270.00
Final Depth: 60.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 16 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	2.0	CASING											
2.0	31.0	OFFSET DYKE:	1503	26.15	27.00	0.85	0.007	0.014	0.010	158	172	23	N.A.
		Breccia, heterolithic, coarse fragments, qtz diorite to	1504	27.00	28.00	1.00	0.003	0.009	0.009	144	153	23	N.A.
		granitic matrix; much of the matrix material and some	1505	28.00	29.00	1.00	0.012	0.021	0.022	316	351	34	N.A.
		fragments are coarse grained to pegmatitic, pinkish orange	1506	29.00	30.00	1.00	0.009	0.019	0.031	319	375	32	N.A.
		to grey altered feldspar +/- qtz, boulders include mafic	1507	30.00	30.30	0.30	0.017	0.033	0.051	287	236	22	N.A.
		gneiss, gabbro, qtz diorite, diorite and fine grained mafic to	10583	30.30	31.00	0.70	0.260	0.055	0.043	640	486	32	N.A.
		ultramafic rocks; local zones of smaller fragment breccia;											
		70 - 80% fragments overall; rare calcite veinlets;											
		lower contact gradational, irregular.											
		22.2 - 31.0: Small fragment breccia; fragments typically less											
		than 1 cm and well rounded, often with alteration veins,											
		matrix fine grained; 10 - 20% broken and rounded											
		phenocrysts of feldspar & qtz, less than 1 cm; scattered											
		patches and grains of sulphides (Py, Po, Cpy), fragments											
		size decreases with increasing depth; occasional											
		narrow massive sections of qtz diorite usually with											
		gradational or irregular shaped contacts.											
		25.4 - 26.3: Massive qtz diorite, rare fragments as coarse											
		phenocrysts.											
		26.5 - 27.2: Massive qtz diorite.											
		27.35 - 28.0: Massive qtz diorite, rare coarse phenocrysts.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		30.6 - 30.8: Coarse grained, anorthositic gabbro fragment; pinkish orange alteration.											
31.0	32.2	SULPHIDE ZONE:	10584	31.00	31.70	0.70	0.141	0.991	1.430	3333	39100	964	N.A.
		31.0 - 31.7: Massive sulphide; upper 5 cm lean,	10585	31.70	32.20	0.50	0.103	0.492	0.300	6851	5749	797	0.144
		with 50% pyrrhotite, 5% Cpy, remainder being mafic to felsic wall rock inclusions; remainder is 95% sulphide (mainly pyrrhotite) with 5% wallrock inclusions; lower contact irregular; scattered Cpy patches at contact.											
		31.7 - 32.2: Zone of fine grained qtz diorite with 15% lenses and layers of massive sulphide (Po) with up to 1% Cpy as stringers and patches; lower contact gradational.											
32.2	35.6	QUARTZ DIORITE:	10586	32.20	33.00	0.80	0.019	0.014	0.036	274	266	27	N.A.
		Medium grained, local fragments or inclusions,	10587	33.00	33.80	0.80	0.009	0.036	0.045	221	211	24	N.A.
		scattered disseminated grains and patches of sulphides	10588	33.80	34.60	0.80	0.021	0.014	0.065	322	300	27	N.A.
		(Po, Py, Cpy); Lower contact chilled weakly; rare calcite	10589	34.60	35.60	1.00	0.010	0.005	0.017	164	109	22	N.A.
		veinlets.											
35.6	60.0	DIORITE:											
		Massive, medium grained, scattered mafic inclusions up to several centimetres, angular; abundant epidotized fractures and breccia margins indicating tectonism and annealing; scattered calcite +/- qtz veinlets; local zones of intense epidotization to totally epidotized dykes; local hematite.											
		39.8 - 40.1: Epidotized breccia.											
		44.2 - 44.6: Massive epidote, gradational contacts over 2 cm.											

2.240773

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		60.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P8
Collar Eastings: 18.00
Collar Northings: 143.50
Collar Elevation: 342.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -90.00
Grid Bearing: 0.00
Final Depth: 60.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 16 - 17 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
0	2.0	CASING											
2.0	54.3	OFFSET DYKE:	1785	22.90	24.00	1.10	0.007	0.005	0.005	46	53	17	N.A.
		2.0 - 21.6: Breccia: heterolithic; very coarse fragments;	1786	24.00	25.00	1.00	0.005	0.005	0.005	69	75	21	N.A.
		qtz diorite to anorthositic matrix; abundant local pinkish	1787	25.00	26.00	1.00	0.005	0.005	0.005	43	50	18	N.A.
		orange and grey epidote alteration of fragments as well as	1788	26.00	27.00	1.00	0.003	0.005	0.005	48	55	19	N.A.
		matrix; scattered pyrite, rare Cpy as disseminated patches	1789	27.00	28.00	1.00	0.007	0.005	0.005	41	50	19	N.A.
		and streaks; Fragment size decreases (or secondary	1790	28.00	29.00	1.00	0.002	0.005	0.005	43	50	18	N.A.
		brecciation) in the lower 3 metres; occasional rare	1791	29.00	30.00	1.00	0.005	0.005	0.005	51	53	19	N.A.
		calcite veinlets.	1792	30.00	31.00	1.00	0.003	0.005	0.005	57	61	20	N.A.
		21.6 - 22.9: Small Fragment Breccia: typical fragments are	1793	31.00	32.00	1.00	0.005	0.005	0.005	28	48	19	N.A.
		heterolithic, angular to well rounded, less than 2 cm; often	1794	32.00	33.00	1.00	0.003	0.005	0.005	60	60	22	N.A.
		have alteration veins; 15 - 20% of rock appears to be	1795	33.00	34.00	1.00	0.003	0.005	0.005	41	56	19	N.A.
		phenocrysts of feldspar and qtz; matrix is finer grained	1773	34.00	35.00	1.00	0.005	0.005	0.005	55	56	22	N.A.
		qtz diorite; minor Py/Po, rare Cpy; includes a boulder	1774	35.00	36.00	1.00	0.003	0.005	0.005	57	58	18	N.A.
		(8 cm) of epidotized, fine grained grey feldspar/qtz;	1775	36.00	37.00	1.00	0.003	0.005	0.005	65	56	16	N.A.
		upper contact gradational over 10 cm, lower contact	1776	37.00	38.00	1.00	0.003	0.005	0.005	61	60	20	N.A.
		gradational over 2 cm.	1777	38.00	39.00	1.00	0.005	0.005	0.005	46	50	16	N.A.
		22.9 - 54.3: Qtz Diorite: medium grained, sparce fragments	1778	39.00	39.70	0.70	0.012	0.005	0.005	69	57	21	N.A.
		or patches of sulphides (Po/Py, rare Cpy); very uniform	10590	39.70	40.80	1.10	0.017	TRACE	0.009	87	74	21	N.A.
		texture, rare breccia zones; essentially void of sulphide	1779	40.80	42.00	1.20	0.007	0.005	0.005	62	49	18	N.A.
		patches unlike other intersections of this unit; quartz poor;	1780	42.00	43.00	1.00	0.002	0.005	0.005	54	56	16	N.A.
		scattered rare calcite veinlets; rare disseminated pyrite,	1781	43.00	44.00	1.00	0.009	0.005	0.005	62	50	17	N.A.

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLADIU	COPPER	NICKEL	COBALT	AU RERUN
		lower contact zone is chilled and dark greyish block	1782	44.00	45.00	1.00	0.005	0.005	0.005	89	55	16	N.A.
		over 2 - 3 metres; contact irregular and unclear.	1783	45.00	46.00	1.00	0.003	0.005	0.005	83	60	18	N.A.
		23.1 - 24.4: zone contains numerous calcite stringers and	1784	46.00	47.00	1.00	0.010	0.005	0.005	92	71	19	N.A.
		veinlets, with trace pyrite and hematite staining.	1796	47.00	48.00	1.00	0.005	0.010	0.017	150	135	27	N.A.
		39.7 - 39.95: Small pebble breccia, rounded feldspar and qtz	1797	48.00	49.00	1.00	0.003	0.005	0.014	118	125	22	N.A.
		up to 5 mm, in fine grained matrix; contacts vague.	1798	49.00	50.00	1.00	0.010	0.019	0.029	180	164	26	N.A.
		40.6 - 40.8: Small pebble breccia as above, with fine grained	1799	50.00	50.80	0.80	0.009	0.014	0.017	163	141	22	N.A.
		mafic inclusions up to 3 cm and disseminated grains and	1824	50.80	52.00	1.20	0.014	0.022	0.038	260	210	22	N.A.
		patches of Po, Py.	1825	52.00	53.00	1.00	0.002	0.005	0.005	71	71	21	N.A.
			1826	53.00	54.30	1.30	NIL	0.005	0.005	20	59	16	N.A.
54.3	60.0	DIORITE:	7	54.30	55.00	0.70	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		Massive, medium grained, fractured and healed by											
		epidotized networks of stringers and veinlets; local zones of											
		intense epidotization.											
		60.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P9
Collar Eastings: 70.00
Collar Northings: 132.00
Collar Elevation: 340.00
Grid: S Parkin Offset
Claim # 693958

Collar Inclination: -70.00
Grid Bearing: 304.00
Final Depth: 150.00 metres
NQ Core

Logged by: S. Sears
Date: Dec 17 - 19 1998
Down-hole Survey: none
Drilled by St. Lambert

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Pt gams	Pd grams	Cu ppm	Ni ppm	Co ppm	AU RERUN
0	2.5	CASING											
2.5	37.0	DIORITE: Massive unit consisting of 70% phenocrysts of feldspar (mainly plagioclase), 5% fine grained mafic inclusions (angular, generally < 1 cm, up to 6 cm); some phenocrysts of feldspar are green epidotized, others relatively pristene; local narrow mafic dykes; abundant epidotized stringers and veinlets, local calcite veinlets, lower contact broken, vague, placed at a 2 cm hematized band. 7.6 - 9.3: Lamprophyre dyke; fine to medium grained, upper contact chilled, 20 deg to C/A, lower contact chilled, irregular, 40 - 45 deg to C/A. 20.5 - 21.0: Mafic Dyke: fine grained, black with qtz gashes and veinlets, upper contact at 70 deg to C/A, lower broken.											
37.0	114.0	OFFSET DYKE: 37.0 - 49.6: Quartz Diorite: Massive medium grained, lean on qtz; feldspar phenocrysts	1517	76.30	76.70	0.40	0.007	0.014	0.010	210	145	23	N.A.
			10591	76.70	77.70	1.00	0.081	0.029	0.017	250	298	33	0.062
			1514	77.70	79.10	1.40	0.005	0.004	0.009	159	197	13	N.A.

2.240 73

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Pt gams	Pd grams	Cu ppm	Ni ppm	Co ppm	AU RERUN
		more "lathe" shaped compared to "stubby" character	1515	79.10	80.00	0.90	0.007	0.026	0.017	251	276	33	N.A.
		of overlying unit; rare narrow calcite +/- qtz	1516	80.00	80.50	0.50	0.002	0.012	0.010	190	161	25	N.A.
		veinlets; rare fragments; minor pyrite as	10592	81.00	82.00	1.00	0.024	0.014	0.019	185	225	30	N.A.
		disseminated grains and patches.	10593	82.00	83.00	1.00	0.017	0.017	0.015	222	227	28	N.A.
		49.6 - 114.0: Breccia: heterolithic, 10% coarse	1801	94.00	95.00	1.00	0.009	0.004	0.010	108	99	21	N.A.
		fragments, 30 - 40% smaller fragments and apparent	1802	95.00	96.00	1.00	0.010	0.004	0.007	102	86	17	N.A.
		phenocrysts of feldspar in the upper part of the	1803	96.00	97.00	1.00	0.010	0.004	0.014	110	100	22	N.A.
		zone, decreasing in frequency and size with	1804	102.00	103.00	1.00	0.012	0.004	0.007	81	65	19	N.A.
		increasing depth grading into fine grained	1805	103.00	104.00	1.00	0.014	0.004	0.010	75	88	25	N.A.
		Bx (mush); scattered sulphide patches or "clasts"	1806	104.00	105.00	1.00	0.002	0.004	0.005	100	135	19	N.A.
		throughout (< 1% overall) generally < 1 cm,	1807	105.00	106.00	1.00	0.007	0.004	0.007	101	73	17	N.A.
		up to 4 cm across.	1808	106.00	107.00	1.00	0.010	0.005	0.010	103	92	25	N.A.
		59.0 - 60.5: Anorthosite: coarse grained	1809	107.00	108.00	1.00	0.007	0.004	0.012	98	102	25	N.A.
		approaching gabbro.	1810	108.00	109.00	1.00	0.005	0.007	0.010	89	83	23	N.A.
		76.7 - 77.7: sulphide patches make up 2% of zone	1811	109.00	110.00	1.00	0.010	0.004	0.005	91	125	22	N.A.
		(Po/Py/Cpy).	1812	110.00	110.60	0.60	0.005	0.004	0.012	87	117	24	N.A.
		81.0 - 83.0: sulphide patches up to 2% of zone	10594	111.50	112.70	1.20	0.014	0.019	0.019	155	159	25	0.014
		(Po/Py/Cpy).	1813	112.70	113.50	0.80	0.015	0.027	0.029	262	211	30	N.A.
		111.5 - 112.7: sulphide patches up to 2% of zone											
		(Po/Py).											
114.0	123.1	QUARTZ DIORITE:	1814	113.50	114.20	0.70	0.009	0.004	0.005	133	128	23	N.A.
		Medium grained, relatively massive, lean quartz,	1815	114.20	115.00	0.80	0.005	0.009	0.005	85	68	19	N.A.
		scattered sulphide patches, scattered narrow	1816	115.00	116.00	1.00	0.017	0.005	0.017	74	101	26	N.A.
		calcite +/- qtz veinlets and stringers increasing	1817	116.00	117.00	1.00	0.007	0.005	0.005	86	61	22	N.A.
		towards bottom; rare epidotized patch; intense	1818	117.00	118.00	1.00	0.005	0.005	0.005	66	63	23	N.A.
		bleaching along qtz calcite stringers in lower	1819	118.00	119.00	1.00	0.009	0.005	0.005	48	63	21	N.A.
		5 metres, contact zone includes 50% quartz-feldspar	1820	119.00	120.00	1.00	0.002	0.005	0.005	26	63	21	N.A.

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Pt gams	Pd grams	Cu ppm	Ni ppm	Co ppm	AU RERUN
		veining over lower 0.6 metres, lower contact	1821	120.00	121.00	1.00	NIL	0.005	0.005	47	55	20	N.A.
		hematized over 10 cm.	1822	121.00	122.00	1.00	NIL	0.005	0.005	10	58	20	N.A.
		115.5: A 3 cm qtz calcite vein, 55 deg to C/A.	1823	122.00	122.50	0.50	0.002	0.005	0.005	6	63	26	N.A.
		122.5: A 2 - 3 cm qtz-feldspar vein, 20 deg to C/A.	10595	122.50	123.10	0.60	0.027	0.007	0.005	76	47	44	N.A.
		122.85 - 123.05: Qtz-feldspar vein with coarse pyrite patches (<1%).											
123.1	150.0	DIORITE: Relatively massive, with up to 5% inclusions of fine grained mafic rock locally; unit has been fractured and healed with bleached stringers and veinlets (calcite, hematite) and moderately epidotized throughout; local massive epidotized sections. 125.0: A 2 - 3 cm fine grained mafic dyke. 131.65 - 131.8: A fine grained mafic dyke, probably lamprophyre. 133.85 - 134.1: Epidote vein; 4 - 5 cm wide at low angle to core; alteration of feldspar dyke or an alteration zone; distinct irregular margins. 137.9: An irregular epidote vein, from 1 - 4 cm wide at low angle to the core, ragged margins but distinct. 138.5: Epidote vein as above 2 - 5 cm wide.												
		150.0 E.O.H.											

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12
Collar Eastings: 65.00
Collar Northings: 261.00
Collar Elevation: 340.00
Grid: Parkin Offset
Claim# 693959

Collar Inclination: -45.00
Grid Bearing: 270.00
Final Depth: 264.00 metres
NQ Core

Logged by: S. Sears
Date: Jan 23 - 27 2001
Down-hole Survey: Acid
Drilled by St. Lambert Drilling

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
0	2.0	CASING left in place										
2.0	58.1	QUARTZ DIORITE:	9592	15.00	15.80	0.80	NIL	0.1	0.004	0.004	0.007	0.007
		(offset dyke)	9593	15.80	16.60	0.80	0.002	0.1	0.004	0.004	0.006	0.007
		2.0 - 10.7: Massive phase, fine to medium	9594	23.00	24.00	1.00	0.002	0.2	0.026	0.019	0.017	0.017
		grained; rare xenoliths, scattered veinlets of	9595	24.00	25.00	1.00	0.005	0.3	0.012	0.004	0.021	0.019
		calcite, chlorite + qtz; trace sulphides, Py,	9596	25.00	25.50	0.50	0.003	0.2	0.017	0.022	0.023	0.027
		Po, as disseminated grains and tiny patches.	9597	25.50	26.00	0.50	0.019	0.2	0.017	0.012	0.022	0.026
		10.7 - 47.6: Breccia (xenolith bearing phase);	9598	26.00	26.50	0.50	0.007	0.2	0.010	0.009	0.021	0.022
		xenoliths are coarse and fine, rounded to	9599	26.50	27.00	0.50	0.009	0.2	0.014	0.007	0.026	0.019
		envelope subangular, felsic to mafic	9600	27.00	27.50	0.50	0.007	0.1	0.024	0.017	0.022	0.019
		(rare ultramafic) with mafic increasing with	9601	27.50	28.00	0.50	0.003	0.2	0.014	0.012	0.017	0.014
		increasing depth; xenoliths are after ripped	9602	28.00	28.30	0.30	NIL	0.2	0.004	0.004	0.013	0.011
		apart and partially digested after display	9603	28.30	28.80	0.50	0.027	0.2	0.033	0.026	0.021	0.026
		black reaction veins; xenoliths are up to	9604	28.80	29.50	0.70	0.009	0.3	0.007	0.015	0.016	0.018
		10 cm, typically less than 1 mm, make up 30%	9605	29.50	30.00	0.50	0.009	0.4	0.021	0.014	0.028	0.019
		of zone; a felsic rock from 21.1 to 21.7 may	9606	30.00	31.00	1.00	0.036	0.7	0.021	0.021	0.034	0.022
		be a xenolith or possibly a dyke; sulphide	9607	31.00	31.50	0.50	0.010	0.7	0.031	0.027	0.033	0.040
		patches from grain size to more than 1 cm	9608	31.50	32.00	0.50	0.012	0.2	0.027	0.022	0.033	0.033
		across occur throughout in quantities up to	9609	32.00	32.50	0.50	0.015	0.3	0.027	0.017	0.034	0.040
		3%, generally <1%; they consist of Po, Cpy,	9610	32.50	33.00	0.50	0.014	0.3	0.021	0.021	0.031	0.034
		and Py; some have sharp boundaries, some	9611	33.00	33.50	0.50	0.010	0.2	0.019	0.024	0.028	0.030
		diffuse and some occur are part of mafic	9612	33.50	34.50	1.00	0.010	0.2	0.014	0.017	0.021	0.023

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		xenoliths; sulphides also occur with local	9613	34.50	35.30	0.80	0.007	0.2	0.021	0.019	0.021	0.020
		calcite + qtz + chlorite veinlets.	9614	35.30	36.00	0.70	0.005	0.3	0.024	0.014	0.021	0.022
		47.6 - 58.1: Massive phase, quartz diorite,	9615	36.00	36.70	0.70	NIL	0.2	0.010	0.015	0.017	0.018
		medium grained becoming very fine grained	9616	36.70	37.50	0.80	0.002	0.2	0.022	0.031	0.026	0.030
		(chilled) below 57.5 metres, rare xenoliths	9617	37.50	38.20	0.70	0.010	0.2	0.012	0.019	0.025	0.026
		in upper part; scattered felsic xenoliths	9618	38.20	39.00	0.80	0.015	0.2	0.014	0.021	0.018	0.019
		in lower metre; minor sulphide patches	9619	39.00	39.70	0.70	0.005	0.2	0.017	0.012	0.016	0.019
		overall; occasional calcite + qtz + epidote	9620	39.70	40.50	0.80	0.010	0.3	0.009	0.010	0.017	0.019
		throughout; a 5 cm qtz-calcite-chlorite vein	9621	40.50	41.50	1.00	0.009	0.7	0.012	0.009	0.017	0.016
		with chalcopyrite at 54.0 (45 degrees to C/A);	9622	41.50	42.50	1.00	0.002	0.2	0.015	0.019	0.014	0.016
		lower contact at 64 degrees to the C/A.	9623	42.50	43.50	1.00	0.005	0.3	0.022	0.017	0.020	0.012
			9624	43.50	44.50	1.00	0.012	0.4	0.024	0.024	0.029	0.015
			9625	44.50	45.50	1.00	0.003	0.2	0.024	0.021	0.020	0.010
			9626	45.50	46.50	1.00	0.015	0.4	0.031	0.029	0.037	0.022
			9627	46.50	47.50	1.00	0.012	0.2	0.027	0.022	0.018	0.016
			9628	47.50	48.50	1.00	0.005	0.2	0.005	0.005	0.018	0.016
			9629	48.50	49.50	1.00	0.002	0.3	0.004	0.009	0.014	0.014
			9630	49.50	50.50	1.00	0.005	0.2	0.004	0.005	0.010	0.008
			9631	50.50	51.50	1.00	0.002	0.3	0.004	0.004	0.009	0.008
			9632	51.50	52.50	1.00	0.003	0.2	0.029	0.038	0.018	0.025
			9633	52.50	53.50	1.00	NIL	0.1	0.004	0.005	0.008	0.009
			9634	53.50	54.50	1.00	0.005	0.2	0.004	0.007	0.011	0.008
			9635	54.50	55.50	1.00	0.003	0.1	0.004	0.004	0.007	0.008
			9636	55.50	56.50	1.00	0.005	0.1	0.004	0.004	0.008	0.008
			9637	56.50	57.50	1.00	0.003	0.1	0.004	0.004	0.006	0.006
			9638	57.50	58.10	0.60	0.002	0.1	0.004	0.004	0.006	0.007
58.1	69.6	PORPHYRITIC DACITE TUFF:										

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		Medium to dark grey; feldspar phenocrysts from 1 mm. to 5 mm. in a fine grained intermediate matrix; characterized by the ubiquitous presence of mafic xenoliths or "chips" from < 1 mm. to 8 cm.; mafic chips are sub-angular to rounded; relatively abundant epidote veins, veinlets and patches often accompanied by salmon orange hematite staining; scattered narrow calcite veinlets; jointing and other fractures range from 5 - 8 per metre; it is difficult if not impossible to observe any layering or other volcanic textures; lower contact abrupt at 60 degrees to C/A.										
69.6	73.9	MAFIC DYKE: Dark grey to brownish; fine to medium grained with scattered epidotized xenoliths with Pyrite; similar "felty" texture to the Q.D. (Offset dyke) as well as overall appearance; scattered narrow calcite stringers; upper margin chilled over 0.6 metres; lower contact chilled over 0.7 metres; lower contact abrupt at 60 degrees to the C/A.										
73.9	249.4	PORPHYRITIC DACITE TUFF: Similar to above (58.1 - 69.6) except includes sections that are much more highly epidotized and deformed; colour is lighter and more greyish green; scattered quartz veining; local faulting;										

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		local layering evident. 93.1: A 1 - 3 cm. quartz vein, irregular 50 - 80 degrees to C/A, barren. 95.5 - 101.5: Intensely epidotized zone, 50 - 60% epidote as patches and veinlets; abundant hematite staining. 99.3 - 99.7: Fault zone, badly broken. 108.2 - 108.6: Fine grained zone, appears mafic; gradational contacts. 110.3 - 110.6: Quartz epidote veining; 50% of zone is low angle quartz veining with epidotized inclusions. 128.6 - 128.8: Quartz-epidote vein zone 50 - 60% quartz in irregular oriented vein zone, barren. 141.0 - 144.2: Hematized and epidotized zone with several narrow calcite veins and a narrow (3 - 4 cm.) mafic dyke (142.2 m.); highly fractured. 144.2: Below this point, unit becomes less epidotized and consequently darker coloured; hematite staining increases producing reddish orange tint. 150.7 - 151.9: Intensely altered zone, hematite-epidote, with quartz veining and faulting. 150.8 - 151.0: Fault zone, broken, gouge filled rock. 151.4 - 151.5: Quartz vein with epidote (20%) and										

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		ankerite (15%); 35 degrees to C/A. 151.7 - 151.8: Quartz epidote vein at 30 - 35 degrees to the C/A. 155.0: Below this point unit begins to contain felsic xenoliths (chips) as well as mafic ones; these are often epidotized. 183.6: A 2 - 5 cm. epidote breccia vein; 40 degrees to C/A. 193.6: A 1 - 2 cm. quartz epidote vein at 48 degrees to C/A, fine grained wall rock margins. 198.6 - 198.8: Variably altered zone, layered, includes a layer containing coarse pale green epidotized feldspar phenocrysts, 2 cm. across. 218.2 - 218.8: Fracture zone, low angle to C/A, with narrow associated quartz veinlets (1 - 2 cm.). 244.0 - 249.4: Deformed zone, pale greenish grey epidote stringers and patches, related to underlying dyke.									
249.4	253.1	MAFIC DYKE: Fine grained, brownish coloured; massive textured; chlorite, biotite, tiny felted textured feldspar; minor pyrite; upper margin chilled over 0.3 m., lower chilled over 0.4 m.; upper contact is epidotized but sharp at 40 degrees to the C/A; lower contact broken, epidotized 40 - 45 degrees									

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		to C/A.										
253.1	264.0	PORPHYRITIC DACITE TUFF: Similar to above (73.9 - 249.4) except darker coloured in the bottom part and overall finer grained. 253.1 - 258.4: Deformed zone with pale greenish grey epidote alteration as patches and stringers with calcite; related to overlying mafic dyke. 264.0 E.O.H.										

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P13
Collar Eastings: 45.00
Collar Northings: 200.00
Collar Elevation: 340.00
Grid: Parkin Offset
Claim# 693959

Collar Inclination: -45.00
Grid Bearing: 305.00
Final Depth: 105.00 metres
NQ Core

Logged by: S. Sears
Date: Jan 27 - 29 2001
Down-hole Survey: Acid
Drilled by St. Lambert Drilling

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
0	1.8	CASING left in place										
1.8	2.4	DACITE PORPHYRY: (Felsic Volcanic or Intrusive) Dark grey; siliceous; rare angular mafic inclusions; possibly boulders.										
2.4	48.3	QUARTZ DIORITE (Offset Dyke): 2.4 - 8.8: Massive phase, fine grain, chilled for first 0.3 metres becoming medium grained with "patchy" texture due to clustering of felsic phenocrysts; felty feldspar texture; scattered mafic xenoliths. 8.8 - 23.3: Breccia Zone: Mixture of coarse and fine, rounded to sub-angular xenoliths make up 20 to 30% of zone; xenoliths up to 0.4 metres in width; xenoliths often ragged (with proximal ripped of fragments) or at various stages of digestion within the quartz diorite matrix. 17.8 - 18.7: Zone contains 50% xenoliths, mostly felsic, with < 1% small patches and weak disseminated sulphides (Po, Cpy, Py); overlies a 0.4 m boulder from which many of the xenoliths	9579	17.80	18.70	0.90	0.003	0.1	0.004	0.004	0.008	0.009
			9580	23.30	23.80	0.50	NIL	0.1	0.005	0.005	0.007	0.008
			9581	35.80	36.70	0.90	NIL	0.1	0.009	0.009	0.017	0.007
			9582	36.70	37.90	1.20	0.005	0.2	0.004	0.012	0.009	0.007
			9583	42.00	42.70	0.70	0.002	0.1	0.004	0.007	0.024	0.028
			9584	42.70	42.95	0.25	0.017	0.3	0.029	0.034	0.016	0.013
			9585	42.95	43.80	0.85	0.014	0.1	0.004	0.014	0.012	0.010
			9586	43.80	44.70	0.90	0.012	0.1	0.005	0.005	0.010	0.010
			9587	44.70	45.50	0.80	0.002	0.1	0.010	0.009	0.013	0.011
			9588	45.50	46.30	0.80	0.003	0.1	0.012	0.014	0.012	0.013
			9589	46.30	46.80	0.50	NIL	0.1	0.014	0.021	0.009	0.005
			9590	46.80	47.50	0.70	0.003	0.1	0.004	0.004	0.006	0.006
			9591	47.50	48.30	0.80	NIL	0.1	0.004	0.004	N.A.	N.A.

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %

may have been derived.
23.3 - 36.7: Zone consisting of 10% xenoliths of mafic and felsic composition; xenoliths typically less than 1 cm in diameter; local zones contain sulphide patches; xenoliths decrease in quantity with increasing depth.
23.3 - 23.8: Scattered coarse patches of pyrrhotite rare Cpy; less than 1% sulphide overall.
36.7 - 37.9: Lamprophyre dyke?/breccia; black fine grained intermediate to mafic dyke with disseminated coarse (up to 1.5mm) black crystals (chlorotoid) dyke makes up 30% of zone, remainder being xenoliths of wallrock; has a crude appearance of a Sudbury breccia (pseudotacyhlite)?; includes several 1-2 mm wide calcite filled fractures; scattered disseminated sulphide (Po, Cpy, Py), less than 1%
37.9- 48.3: Massive dyke, relatively coarse grained becoming fine grained to chilled with increasing depth
42.0 - 48.3: Zone contains up to 2% disseminated patches of sulphide, mainly chalcopyrite; lower 0.6 m is very fine grained, chilled and contains scattered small, rounded felsic xenoliths; lower contact broken, but appears to be about 45 degrees to C/A.

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
48.3	68.5	SUDBURY BRECCIA: (Diorite/Dacite) Very highly deformed rock; highly epidotized with veinlets, stringers and patches of pale greenish grey epidote; highly fractured throughout (6 - 8 per metre, locally more); wall rocks are deformed, relatively fine grained (phenocrysts from 1 - 3 mm.), massive original texture; dark grey to black with a purplish tint; unit includes small sub-angular to rounded xenoliths of fine grained mafic rock similar to those in the dacite porphyry in this area (this rock is very likely a close relative); Sudbury Breccia matrix material is only weakly developed, being relatively coarse grained with heterolithic xenoliths (felsic to mafic); it occurs as narrow stringers throughout as well as follows: 3 - 4 cm. at 48.5; 54.3 - 54.9; 57.5 - 58.5; 58.9 - 59.2; 64.6 - 65.5; remainder of rock (50 - 60%) is what appears to be typical Quartz Diorite of the Offset Dyke; with sparse xenoliths; lower contact at 45 degrees to the C/A.									
68.5	105.0	DIORITE - GRANODIORITE: Intensely fractured and epidotized; greyish-orangey green; fine to medium grained rock; 40 - 50% epidote as patches, fracture										

CHAMPION BEAR RESOURCES LTD.

2.24073

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %
		fillings and veins; remaining rock consists of medium grained granodiorite to diorite; original texture are vague and rare; fracturing (joints, faults) from 6 - 8 per metre; scattered abundant calcite +/- quartz veinlets and narrow veins. 84.1 - 84.3: Fault zone, badly broken. 92.8 - 93.1: Fault zone, badly broken with gouge. 93.5 - 93.9: Fault zone, badly broken. 105.0 E.O.H.										

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P14
Collar Eastings: 60.00
Collar Northings: 375.00
Collar Elevation: 340.00
Grid: Parkin Offset
Claim # 693959

Collar Inclination: -45.00
Grid Bearing: ~~325.00~~ 305°
Final Depth: 126.00 metres
NQ Core

Logged by: S. Sears
Date: Jan 29 - 31 2001
Down-hole Survey: Acid
Drilled by St. Lambert Drilling

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %	Zn %	Pb %
0	5.0	CASING left in place												
5.0	6.3	MAFIC VOLCANIC: Chloritic; fine grained; dark grey green; badly broken.												
6.3	6.8	SUDBURY BRECCIA: Mafic xenoliths in a felsic, fine grained, small xenolith (quartz), very dark grey to black matrix.												
6.8	9.1	MAFIC VOLCANIC: As above (5.0 - 6.3).												
9.1	28.6	SUDBURY BRECCIA: (Dacite porphyry wall rocks) About 20% of unit is a fine grained, xenolith bearing (Qtz, feldspar, granitic), dark grey to black matrix surrounding large blocks of dacite porphyry; scattered sulphides throughout (much less than 1%) including pyrite, trace Cpy; Dacite porphyry has a brecciated appearance (orbicular texture) due to clustering of the												

2.24073

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %	Zn %	Pb %
		feldspar and quartz in a finer grained, darker matrix; strongly fractured 5 - 8 joints per metre; scattered mafic xenoliths in the dacite porphyry.												
28.6	78.4	QUARTZ DIORITE (offset dyke);	9656	42.50	43.00	0.50	0.003	0.2	0.019	0.024	0.013	0.016	N.A.	N.A.
		43.9 - 44.2: irregular quartz veins makes up 30%	9657	43.00	43.50	0.50	0.007	0.1	0.017	0.014	0.015	0.022	N.A.	N.A.
		of zone with 5% Cpy with quartz margins with Po	9658	43.50	43.90	0.40	0.005	0.2	0.014	0.015	0.013	0.016	N.A.	N.A.
		55.8 - 60.2: xenolith phase, 15 - 20% xenoliths,	9659	43.90	44.20	0.30	0.075	3.0	0.009	0.010	0.290	0.022	0.025	0.006
		quite highly assimilated mafic and felsic	9660	44.20	45.00	0.80	0.007	0.1	0.027	0.015	0.018	0.018	N.A.	N.A.
		xenoliths, mafics appearing often as "ghosts";	9661	54.80	55.10	0.30	0.003	0.2	0.024	0.019	0.014	0.017	N.A.	N.A.
		1-2% sulphide patches (Po, Py, minor Cpy)	9662	59.30	60.20	0.90	0.003	0.3	0.029	0.021	0.017	0.023	N.A.	N.A.
		60.2 - 61.2: fine grained zone, possibly	9663	60.20	60.60	0.40	0.005	0.2	0.027	0.017	0.014	0.014	N.A.	N.A.
		alteration phenomenon;	9664	60.60	61.00	0.40	0.002	0.1	0.014	0.012	0.014	0.013	N.A.	N.A.
		include a 5cm qtz - feldspar - biotite	9665	65.80	66.20	0.40	0.007	0.1	0.012	0.010	0.014	0.012	N.A.	N.A.
		veinlet at 60.5.	9666	66.20	66.80	0.60	NIL	0.1	0.004	0.005	0.011	0.011	N.A.	N.A.
		61.2- 67.3: xenolith phase as above (55.8 - 60.2).	9667	66.80	67.30	0.50	0.010	0.1	0.009	0.009	0.012	0.012	N.A.	N.A.
		67.3 - 67.9: fine grained zone, possibly	9668	67.90	68.50	0.60	NIL	0.1	0.004	0.005	0.011	0.014	N.A.	N.A.
		alteration.	9669	71.00	71.50	0.50	0.012	0.2	0.034	0.034	0.027	0.027	N.A.	N.A.
		67.9 - 71.0: massive phase; local zones contain	9670	71.50	71.90	0.40	0.022	0.4	0.062	0.082	0.049	0.071	N.A.	N.A.
		long hornblende lathes												
		71.0 - 71.6: Fine grained altered (sausserite)												
		zone with several narrow qtz - calcite veinlets												
		(0.5 - 2 cm) at 27 - 40 degrees to the C/A.												
		71.6 - 78.4: Massive phase; scattered narrow												
		qtz-calcite veinlets; relatively fine grained,												
		pale grey from 74.0 - 75.8.												
		77.1 - 78.4: Chilled margins, includes scattered												

15

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %	Zn %	Pb %
		irregular felsic xenoliths; lower contact very sharp at 60 degrees to the C/A.												
78.4	100.2	METAGABBRO: Medium to dark grey-green; medium to very coarse grained, fine grained in lower chilled margin; extensively deformed; an early set of epidote veins, stringers and fractures cut by Sudbury Breccia zones; the original texture of the gabbro is patchy, i.e. clusters of feldspar in a more mafic matrix; occasional narrow calcite +/-quartz veinlet; calcite veinlets common in lower contact area; lower contact area chilled and includes several xenoliths of underlying dacite rock; lower contact ragged at 20 degrees to the C/A. 88.5: A 2 - 3 cm. band of Sudbury Breccia matrix material, very dark grey with tiny felsic xenoliths. 89.7: A 3 cm. band Sudbury Breccia as above (88.5). 94.75 - 95.35: Sudbury Breccia matrix with an 8 cm. epidote band with associated quartz veinlets; felsic xenoliths up to 1.5 cm. 95.35 - 100.2: Chilled margin of the metagabbro complicated by local Sudbury Breccia matrix material. 96.1 - 96.4: Sudbury Breccia matrix as above (94.75 - 95.35)												

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %	Zn %	Pb %
		97.1 - 98.3: Sudbury Breccia with abundant epidote veining and/or inclusions, not well developed. 98.5 - 99.2: Chilled margin with several large xenoliths or on large irregular shaped xenolith of metasomatized dacite rock; abundant narrow calcite veins. 98.9 - 99.3: Calcite vein; very irregular 2 - 3 cm. wide; white, minor pyrite. 99.9: A 2 - 3 cm. calcite vein, irregular, discontinuous.												
100.2	126.0	DACITE PORPHYRY: Dark grey with purplish tint; Highly deformed with epidote filled fractures and narrow fine grained mafic dyke (from the overlying unit) in the upper 10 metres; relatively massive in lower part; small (up to 5 mm.) phenocrysts of feldspar in a background of less than 1 mm.; characterized by scattered mafic xenoliths (up to 2 cm.); local narrow bands of Sudbury Breccia matrix material: local calcite matrix texture breccia. 102.3 - 102.5: Fault breccia; dacite fragments (50%) in a calcite matrix. 103.8 - 104.7: Mafic dyke, with 10% dacite xenoliths; dyke is a fine grained gabbroic rock. 104.7 - 104.9: Epidotized wallrock or vein;												

2.24079

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: P14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au grams	Ag ppm	Pt grams	Pd grams	Cu %	Ni %	Zn %	Pb %
		85% epidote, pale apple green.												
		107.5: A 5 - 8 cm. calcite vein at 45 degrees to the C/A.												
		113.7: A 6 cm. band of Sudbury Breccia matrix material; fine grained, dark grey matrix with tiny felsic xenoliths.												
		122.2 - 122.35: Sudbury Breccia matrix material as above (113.7).												
		122.5: A 4 - 5 cm. band of Sudbury Breccia matrix material as above (113.7).												
		126.0 E.O.H.												

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

2.25454

PROPERTY: Parkin
HOLE No.: BP2X
Collar Eastings: 210.00
Collar Northings: 243.00
Collar Elevation: 340.00
Grid: Parkin
Claim# 693959

Collar Inclination: -70.00
Grid Bearing: ~~305.00~~ 305°
Final Depth: 816.00 metres
BQ Core

Logged by: S. Sears
Date: Jan 16 - 23 2001
Down-hole Survey: acid
Drilled by St. Lambert Drilling

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	GOLD	PLATINUM	PALLAD	CU	NI	COBALT
0	4.27	O/B (Casing left in)										
4.27	5.48	DACITE CRYSTAL TUFF: - grey to greenish-grey, massive unit, tightly compacted fine grained aphanitic to weakly granular grey siliceous matrix supporting 1 - 3 mm. mafic rock chips, wisps and small patches of chlorite and 1 - 3 mm. white feldspar crystals showing varying degrees of sausseritization. - cut locally by microfractures, these hairline fractures are filled by chlorite or epidote +/- carbonate - Lower contact sharp @ 75 degrees TCA.										
5.48	6.4	ANDESITE FLOW: (or Tuff) - dark green, fine grained,uniform massive. - Lower contact sharp @ 90 degrees TCA.										
6.4	25.0	DACITE CRYSTAL TUFF: As previous - Lower contact sharp @ 55 degrees TCA.										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
25.0	29.2	ANDESITE FLOW: (Or Tuff) As previous - Lower contact sharp @ 65 degrees TCA. Trace py - cpy in epidote lined fractures @ 26.52 metres.										
29.2	31.6	DACITE CRYSTAL TUFF: As previous - hematized fractures and bleached near upper contact. - Lower contact 85 degrees TCA. 29.8 - 30.5: Strong fracture broken core. 31.5 - 31.6: Fault; clay gouge & mylonitized.										
31.6	33.0	ANDESITE TUFF: - fine grained chilled contact zones and fine to medium grained, green massive uniform. - Lower contact 40 degrees TCA.										
33.0	33.7	DACITE CRYSTAL TUFF: As previous - Lower contact sharp 40 degrees TCA.										
33.7	35.73	ANDESITE FLOW: As previous - Lower contact @ 45 degrees TCA.										
35.73	49.37	DACITE CRYSTAL TUFF:										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
		As previous - Lower contact variable 70 degrees TCA.										
49.37	69.5	ANDESITE FLOW: As previous - includes an 18 cm. block of Dacite Tuff @ 55.0 metres. - mod to intense strgs, veins & patchy epidote. - Lower contact jagged & irregular at approximately 70 degrees TCA.										
69.5	299.1	DACITE CRYSTAL TUFF: As previous - weakly hematized near andesite contact Trace py with epidote alteration. - pervasive epidote patches locally as well as epidote and chlorite lined microfractures. - occasional 2 - 3 cm. mafic rock fragment. - narrow chloritic slips @ 174.5 @ 20 degrees TCA; narrow brecciated chloritic slips 176.78 - 179.83 at 15 degrees TCA. - 10 cm. u/m pyroxenite clast at 215.2 metres - 238.35 - 240.67: Carbonate + strong shear zone foliation @ 40 degrees TCA; carbonate laminations alternating with sheared dacite. Trace bright green fuochite. red hematite and specular hematite at 269.1 metres, along fractures.										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
		Trace cpy along slip at 238.55 metres.										
		- Lower contact irregular @ 30 degrees TCA.										
299.1	301.23	ANDESITE FLOW:										
		As previous										
		- t.q. contacts										
		Lower contact irregular @ 50 degrees TCA										
		Trace py.										
301.23	380.24	DACITE CRYSTAL TUFF:										
		- chlorite + hematite + carbonate shear,										
		fabric @ 30 degrees TCA at 359.7 metres.										
380.24	383.36	ANDESITE FLOW:										
		As previous										
		- fine grained chilled contacts										
		- Lower contact sharp but irregular										
		@ 30 degrees TCA.										
383.36	384.33	DACITE CRYSTAL TUFF:										
		As previous										
384.33	384.4	ANDESITE FLOW (OR TUFF):										
		As previous										
		- upper and lower contacts are sharp but										
		irregular at approximately 10 degrees TCA.										
384.4	385.93	DACITE CRYSTAL TUFF:										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
		As previous										
385.93	386.63	ANDESITE FLOW (OR TUFF): As previous - upper contact irregular sharp @ 30 degrees TCA. - Lower contact sharp @ 5 - 10 degrees TCA.										
386.63	389.9	DACITE CRYSTAL TUFF: As previous										
389.9	390.2	ANDESITE FLOW (OR TUFF): As previous contacts are irregular.										
390.2	391.9	DACITE CRYSTAL TUFF: As previous										
391.9	392.5	ANDESITE FLOW (OR TUFF): As previous contacts irregular and broken.										
392.5	480.36	DACITE CRYSTAL TUFF: As previous										
480.36	494.9	QUARTZ DIORITE OFFSET DYKE: Sudbury Sublayer. - upper contact, sharp but irregular - dark grey, massive, fine to medium grained										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
		homogeneous intrusive.										
		- biotite altering from amphiboles										
		- epidote + py. lined microfractures.										
		Trace py.										
		- fine grained chilled contacts										
		- no breccia or inclusions in this section of										
		dyke										
		Po-cpy blebs near lower contact.										
494.9	504.44	DACITE CRYSTAL TUFF:										
		As previous										
		504.4 E.O.H. 1989										
504.4	544.2	DACITE CRYSTAL TUFF:										
		Medium grey green; massive; fine grained, dark grey green										
		matrix; supporting 1 -2 mm greyish white, weakly altered										
		feldspar crystals and crystal aggregates and up to 5% mafic										
		clasts and patches up to 4 cm. across; local fractures with										
		chlorite, epidote +/- calcite; local epidotized patches;										
		occasional narrow zone of pseudotachylite (Sudbury Breccia)										
		below 527 metres; Lower contact irregular at 10 - 45 degrees										
		to the C/A over 10 cm.										
		527.0: A 10 cm. pseudotachylyte zone; siliceous xenoliths;										
		dark grey to black										
		528.0 - 528.3: Pseudotachylyte zone, dark grey to black,										
		rare small felsic xenoliths.										
		536.5: Irregular pseudotachylyte (2 - 5 cm.); as above.										

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
544.2	816.0	OFFSET DYKE (QUARTZ DIORITE):	1827	544.20	545.20	1.00	0.005	0.005	0.005	80	79	28
		Medium to dark grey, massive to xenolith bearing; fine to	1828	545.20	546.20	1.00	0.003	0.005	0.005	65	73	25
		medium grained; scattered narrow calcite +/- qtz stringers;	1829	546.20	547.20	1.00	NIL	0.005	0.005	57	72	25
		local zones contain hairline to centimeter scale epidote	1830	547.20	548.20	1.00	0.003	0.005	0.005	60	65	26
		stringers; upper contact chilled over 1.6 metres and	1831	548.20	549.20	1.00	0.002	0.005	0.005	49	71	27
		contains scattered felsic fragments up to 1 cm.	1832	629.00	630.00	1.00	0.005	0.005	0.005	341	86	24
		across; massive upper section contains rare sulphide grains;	1833	637.20	638.00	0.80	0.002	0.005	0.005	65	71	22
		xenolith bearing section contains up to 5% sulphide	1834	638.00	639.00	1.00	0.003	0.005	0.005	68	64	20
		fragments and/or patches.	1835	639.00	640.00	1.00	0.002	0.005	0.005	73	87	21
		544.2 - 551.6: Zone contains abundant randomly oriented	1836	640.00	641.00	1.00	0.009	0.005	0.005	78	77	22
		calcite +/- qtz stringers (> 10 per metre) with associated	1837	641.00	642.00	1.00	0.002	0.005	0.005	88	86	24
		minor pyrite; epidote stringers are also abundant.	1838	642.00	643.00	1.00	0.003	0.005	0.005	84	91	22
		551.6 - 627.5: Massive, uniform appearance; very rare,	9501	643.00	644.00	1.00	0.002	0.005	0.005	73	80	22
		small fragments; very rare sulphide grains and patches;	9502	644.00	645.00	1.00	0.002	0.005	0.005	78	87	21
		local narrow calcite +/- qtz stringers and epidote stringers;	9503	645.00	646.50	1.50	0.003	0.005	0.005	74	79	21
		unit has very crude layering locally, at low angle to the C/A	9504	646.50	648.00	1.50	0.005	0.005	0.017	100	138	28
		(10 - 30 degrees); unit also has a faint "patchy" appearance	9505	648.00	649.50	1.50	0.002	0.005	0.005	81	80	22
		created by varying amounts of mafic and felsic minerals;	9506	649.50	651.00	1.50	0.005	0.005	0.005	129	129	26
		lower contact gradational.	9507	651.00	652.50	1.50	0.002	0.007	0.009	94	95	22
		627.5 - 637.2: Xenolith bearing rock, transition zone between	9508	652.50	654.00	1.50	NIL	0.014	0.007	76	84	20
		massive and quartz diorite breccia; 2 - 3% small (typically less	9509	654.00	655.50	1.50	NIL	0.005	0.005	86	76	21
		than 1 cm.) felsic and mafic xenoliths; scattered patches of	9510	655.50	657.00	1.50	0.003	0.005	0.007	95	115	26
		pyrite; occasional calcite +/- quartz +/- epidote veinlets with	9511	657.00	658.50	1.50	0.002	0.005	0.007	103	122	23
		associated bleached, grey wall rock; lower contact gradational.	9512	658.50	660.00	1.50	0.002	0.005	0.009	98	101	20
		637.2 - 745.5: Quartz diorite breccia; felsic, mafic, ultramafic	9513	660.00	661.50	1.50	0.002	0.005	0.005	107	110	22
		and sulphide fragments or xenoliths (10 - 50%) of rock within	9514	661.50	663.00	1.50	NIL	0.010	0.005	117	118	23
		quartz diorite matrix; intense pale brown alteration mineral	9515	663.00	664.50	1.50	0.003	0.017	0.015	158	164	24

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
		(biotite?) make up to 5% of rock; Po/Cpy fragments up	9516	664.50	666.00	1.50	0.005	0.015	0.012	162	157	23
		to 3 cm. across make up 1 - 2% of zone overall, locally to	9517	666.00	667.50	1.50	0.003	0.021	0.021	247	256	28
		5%; sulphide xenoliths often have sharp, distinct margins;	9518	667.50	669.00	1.50	0.007	0.027	0.021	246	288	32
		sulphide patches as well as xenoliths are larger and in greater	9519	669.00	670.50	1.50	0.003	0.026	0.017	244	267	33
		quantity between 672 metres and 714 metres.	9520	670.50	672.00	1.50	0.007	0.024	0.022	252	283	34
		741.0 - 762.0: Zone contains abundant narrow calcite +/- qtz	9521	672.00	673.50	1.50	0.005	0.031	0.033	366	584	51
		veinlets.	9522	673.50	675.00	1.50	0.005	0.019	0.014	187	202	28
		745.5 - 770.0: Relatively massive phase, although xenoliths are	9523	675.00	676.50	1.50	0.003	0.022	0.015	204	200	24
		locally present they appear extensively digested; very rare	9524	676.50	678.00	1.50	0.007	0.017	0.017	239	224	24
		sulphide patches; typically less than 2 mm.	9525	678.00	679.50	1.50	0.002	0.010	0.010	193	188	27
		770.0 - 816.0: Massive phase; very rare, small xenoliths; locally	9526	679.50	681.00	1.50	0.009	0.026	0.021	275	283	26
		contains abundant feldspars as "felty" patches; local disseminated	9527	681.00	682.50	1.50	0.017	0.014	0.015	315	212	27
		patches of sulphides; local chloritic alteration.	9528	682.50	684.00	1.50	0.003	0.005	0.005	206	164	24
		789.0 - 813.5: Zone contains abundant calcite +/- qtz veinlets,	9529	684.00	685.50	1.50	0.003	0.012	0.017	207	196	23
		at various angles to the C/A; occasional hematite staining; local	9530	685.50	687.00	1.50	0.005	0.009	0.010	200	166	28
		sulphides with the veinlets as well as disseminated patches.	9531	687.00	688.50	1.50	0.002	0.014	0.007	88	105	16
			9532	688.50	690.00	1.50	NIL	0.005	0.012	133	137	17
		816.0 E.O.H.	9533	690.00	691.50	1.50	0.009	0.021	0.021	217	247	30
			9534	691.50	693.00	1.50	0.003	0.017	0.017	237	238	31
			9535	693.00	694.50	1.50	0.002	0.015	0.014	232	240	28
			9536	694.50	696.00	1.50	0.014	0.014	0.019	227	231	27
			9537	696.00	697.50	1.50	0.009	0.010	0.017	303	249	30
			9538	697.50	699.00	1.50	0.005	0.022	0.021	245	322	32
			9539	699.00	700.50	1.50	0.009	0.015	0.012	399	210	28
			9540	700.50	702.00	1.50	0.014	0.026	0.022	248	323	34
			9541	702.00	703.50	1.50	0.012	0.007	0.007	196	232	28
			9542	703.50	705.00	1.50	0.009	0.017	0.012	197	233	32
			9543	705.00	706.50	1.50	0.009	0.007	0.009	186	178	27

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
			9544	706.50	708.00	1.50	0.005	0.014	0.019	209	211	27
			9545	708.00	709.50	1.50	0.007	0.005	0.014	145	144	25
			9546	709.50	711.00	1.50	0.005	0.010	0.012	139	123	23
			9547	711.00	712.50	1.50	0.003	0.005	0.005	117	117	23
			9548	712.50	714.00	1.50	0.005	0.015	0.021	145	202	28
			9549	714.00	715.50	1.50	0.003	0.007	0.012	166	190	29
			9550	715.50	717.00	1.50	0.009	0.007	0.009	124	137	22
			9551	717.00	718.50	1.50	0.007	0.014	0.010	153	173	28
			9552	718.50	720.00	1.50	0.009	0.009	0.009	113	138	24
			9553	720.00	721.50	1.50	0.005	0.005	0.010	125	126	24
			9554	721.50	723.00	1.50	0.003	0.005	0.007	98	113	23
			9555	723.00	724.50	1.50	0.003	0.005	0.005	91	79	22
			9556	724.50	726.00	1.50	0.003	0.010	0.014	122	144	24
			9557	726.00	727.50	1.50	0.003	0.005	0.005	86	98	23
			9558	727.50	729.00	1.50	0.002	0.005	0.005	58	72	21
			9559	729.00	730.50	1.50	0.094	0.005	0.005	68	76	22
			9560	730.50	732.00	1.50	0.002	0.005	0.005	64	77	23
			9561	732.00	733.50	1.50	0.003	0.005	0.005	61	70	21
			9562	733.50	735.00	1.50	0.003	0.005	0.007	71	88	25
			9563	735.00	736.50	1.50	0.005	0.005	0.005	69	82	22
			9564	736.50	738.00	1.50	0.010	0.005	0.005	73	83	21
			9565	738.00	739.50	1.50	0.007	0.005	0.005	81	83	23
			9566	739.50	741.00	1.50	0.031	0.005	0.005	81	74	24
			9567	741.00	742.50	1.50	0.002	0.005	0.005	72	79	22
			9568	742.50	744.00	1.50	0.353	0.005	0.007	84	94	23
			9569	744.00	745.50	1.50	0.005	0.005	0.005	90	89	24
			9573	749.50	750.50	1.00	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			9574	757.00	758.00	1.00	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

78

2.24073

CHAMPION BEAR RESOURCES

DIAMOND DRILL LOG

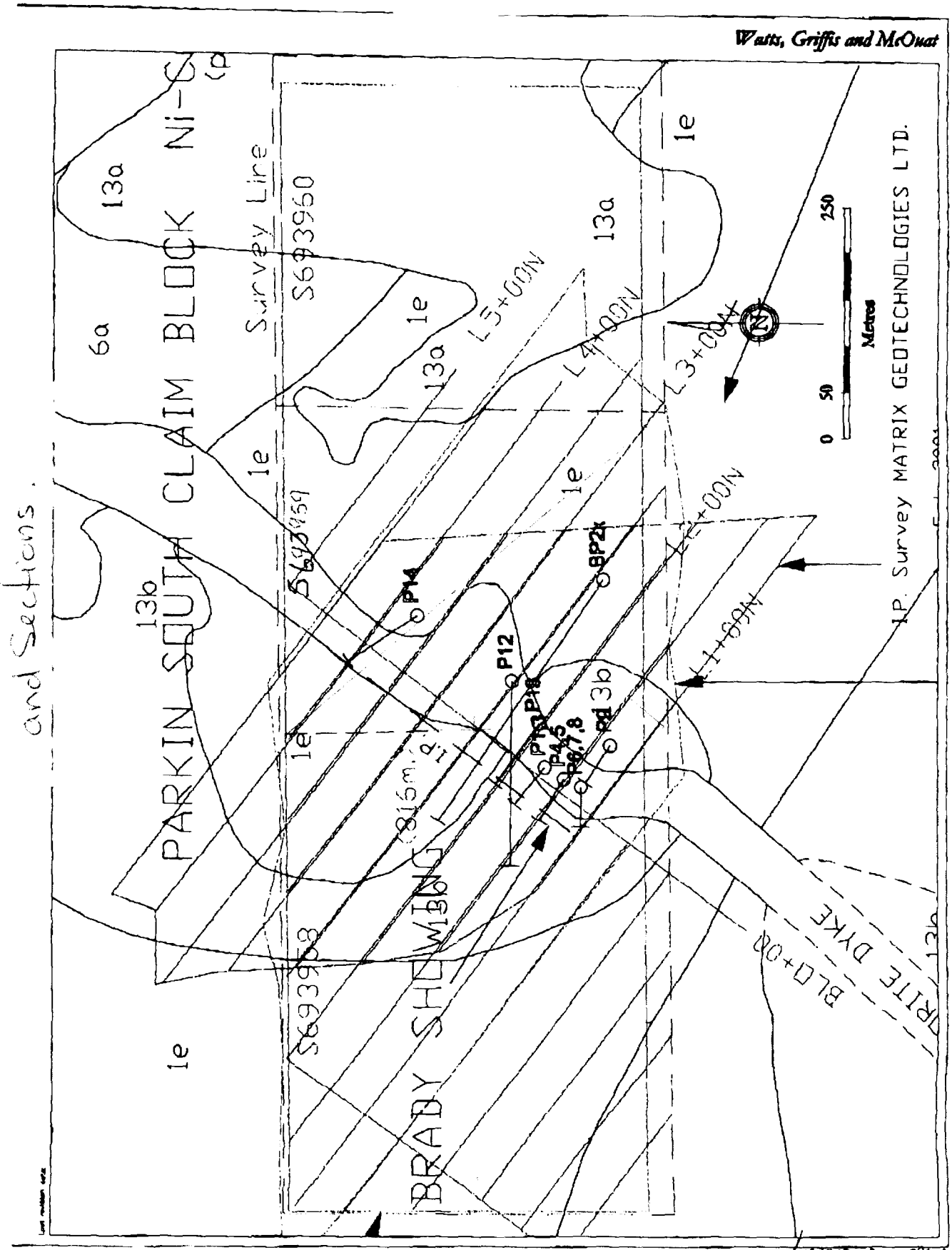
PROPERTY: Parkin
HOLE No.: BP2X

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS GOLD	PLATINUM	PALLAD	CU	NI	COBALT
			9575	762.50	763.50	1.00	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			9576	768.00	768.30	0.30	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			9577	794.40	795.40	1.00	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			9578	795.40	796.40	1.00	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

4

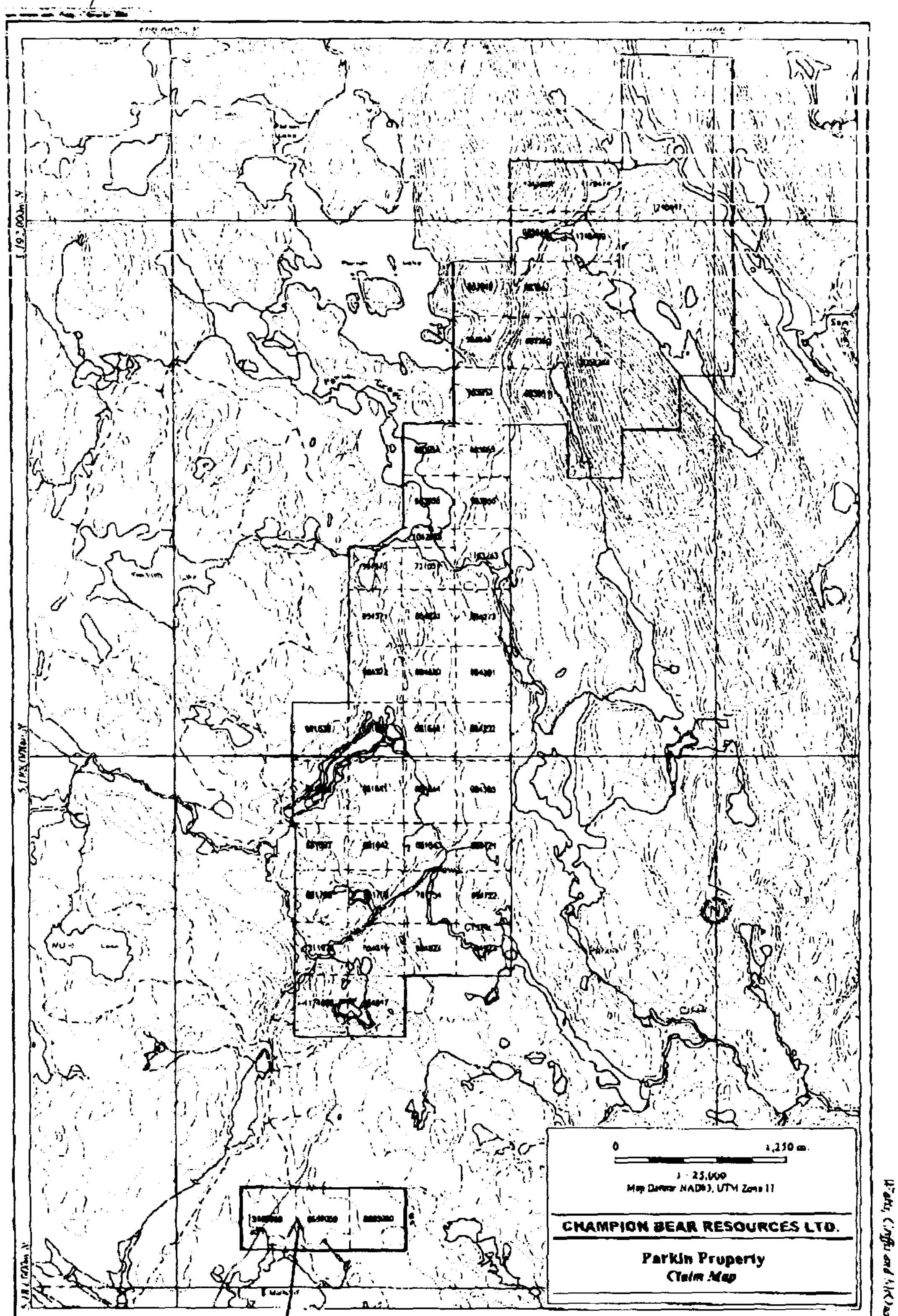
41I15SW2046 2.25454 PARKIN 140

Drill hole plan and Sections.

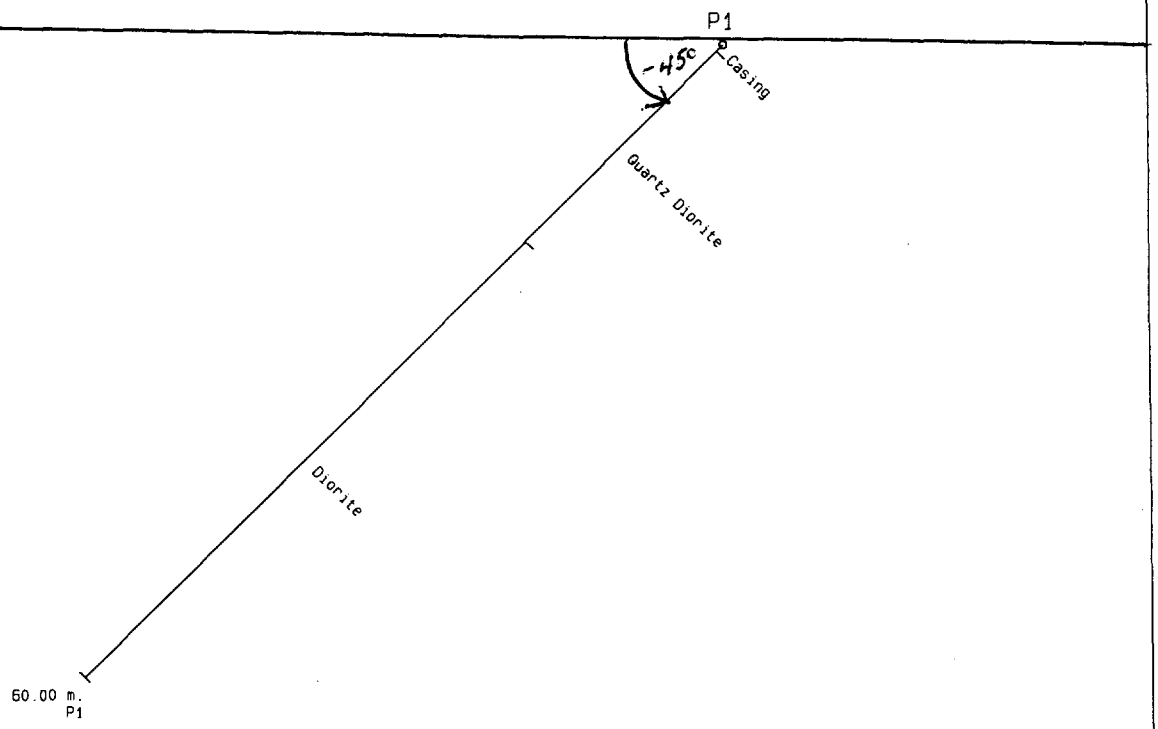


W0270.01331

FROM: J. BRADY



drilling locations



2.25204

0 5 10 M

CLAIM 693958
PARKIN TWP

2.24073

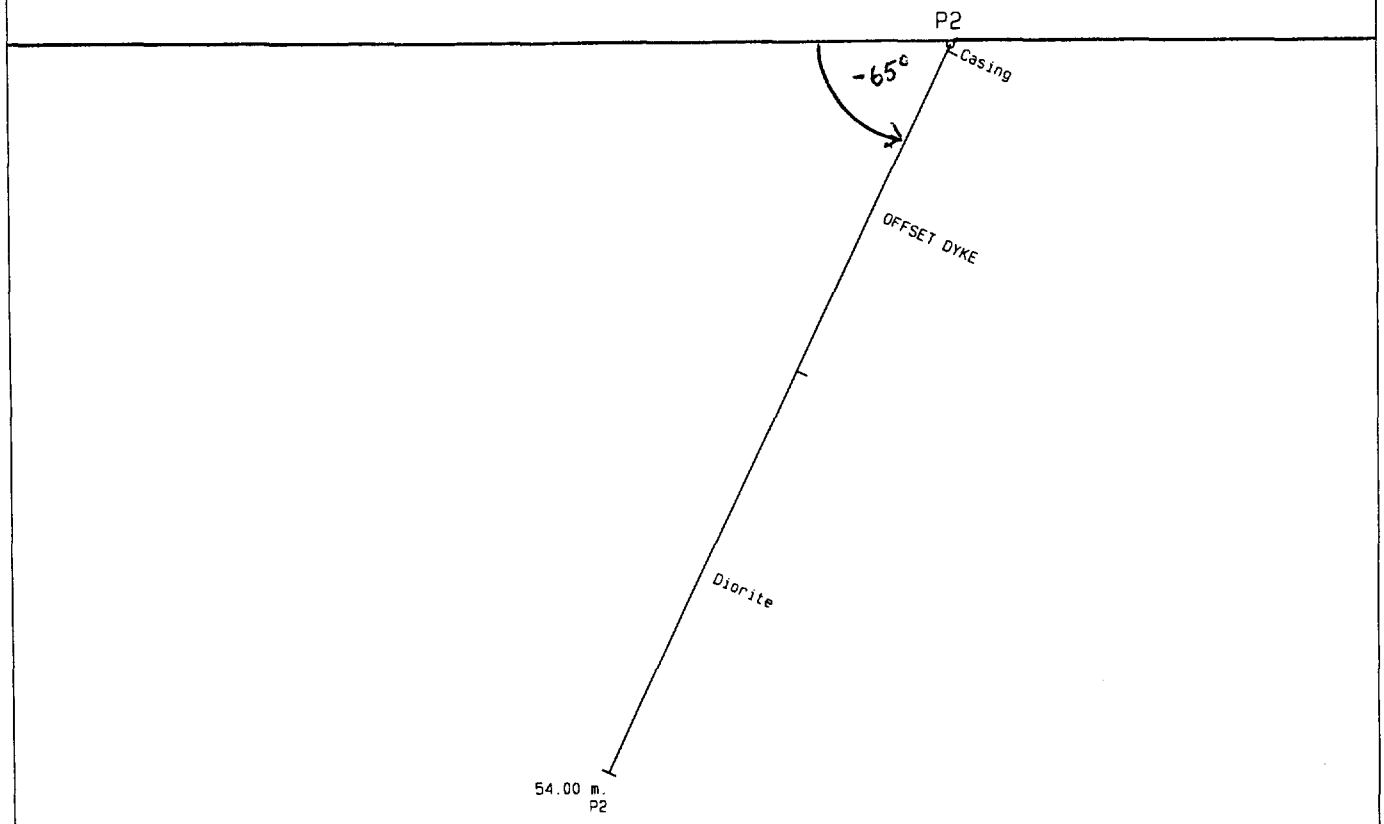
J. Brady

SECTION 175N

P1

Parkin

DATE: 02/05/06 | SCALE: 1/500



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CLAIM 693958

2.24073

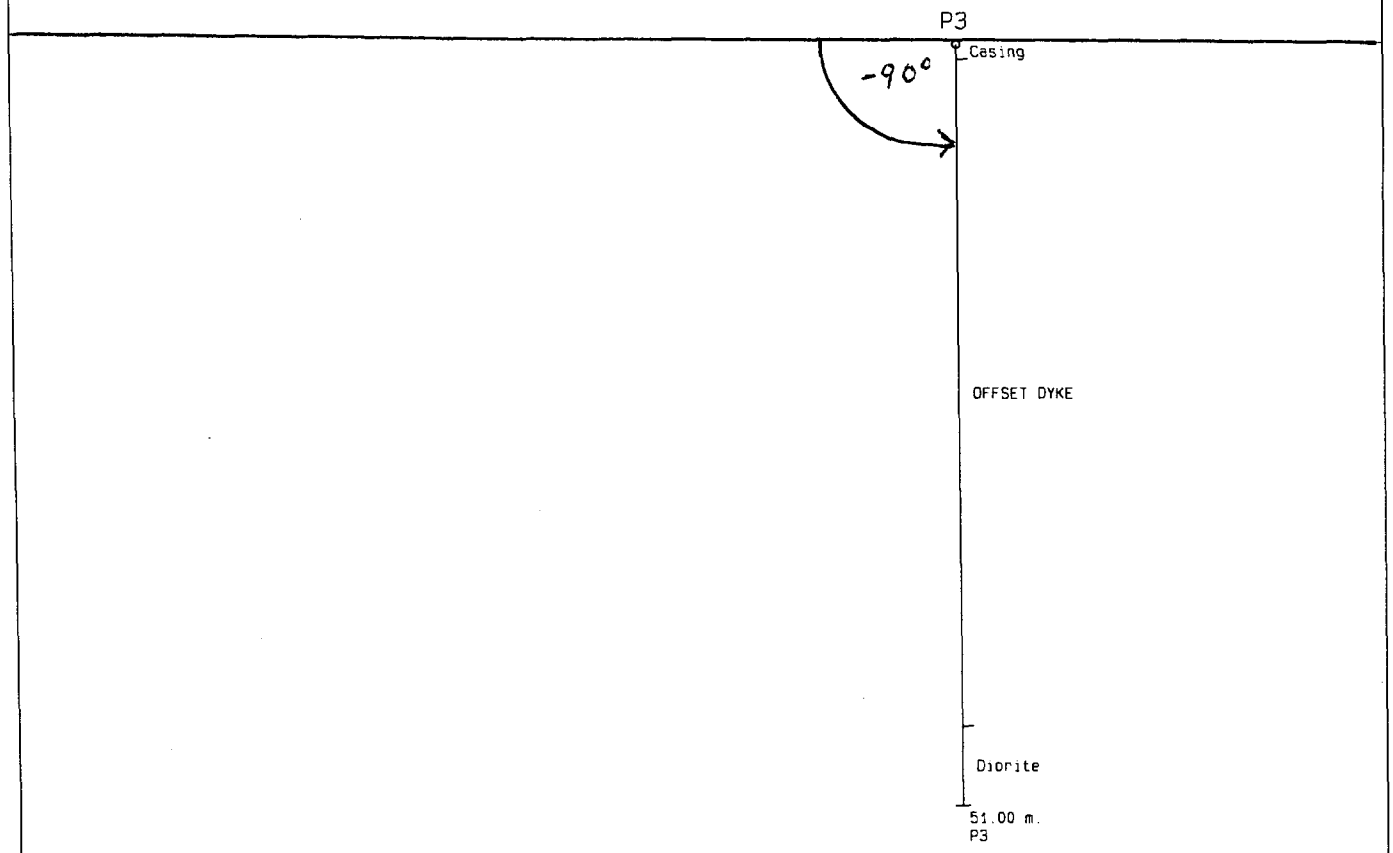
J. Brady

SECTION 175N

P2

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10M

CLAIM 693958

2.24073

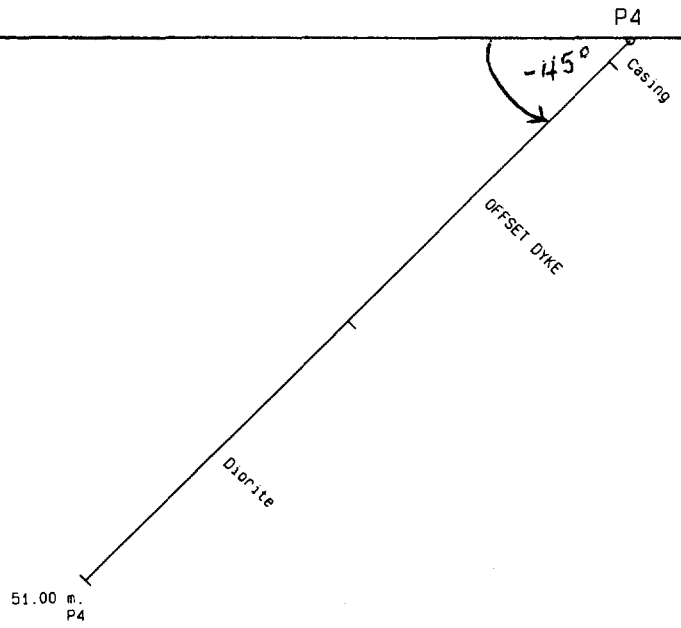
J. Brady

SECTION 175N

P3

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

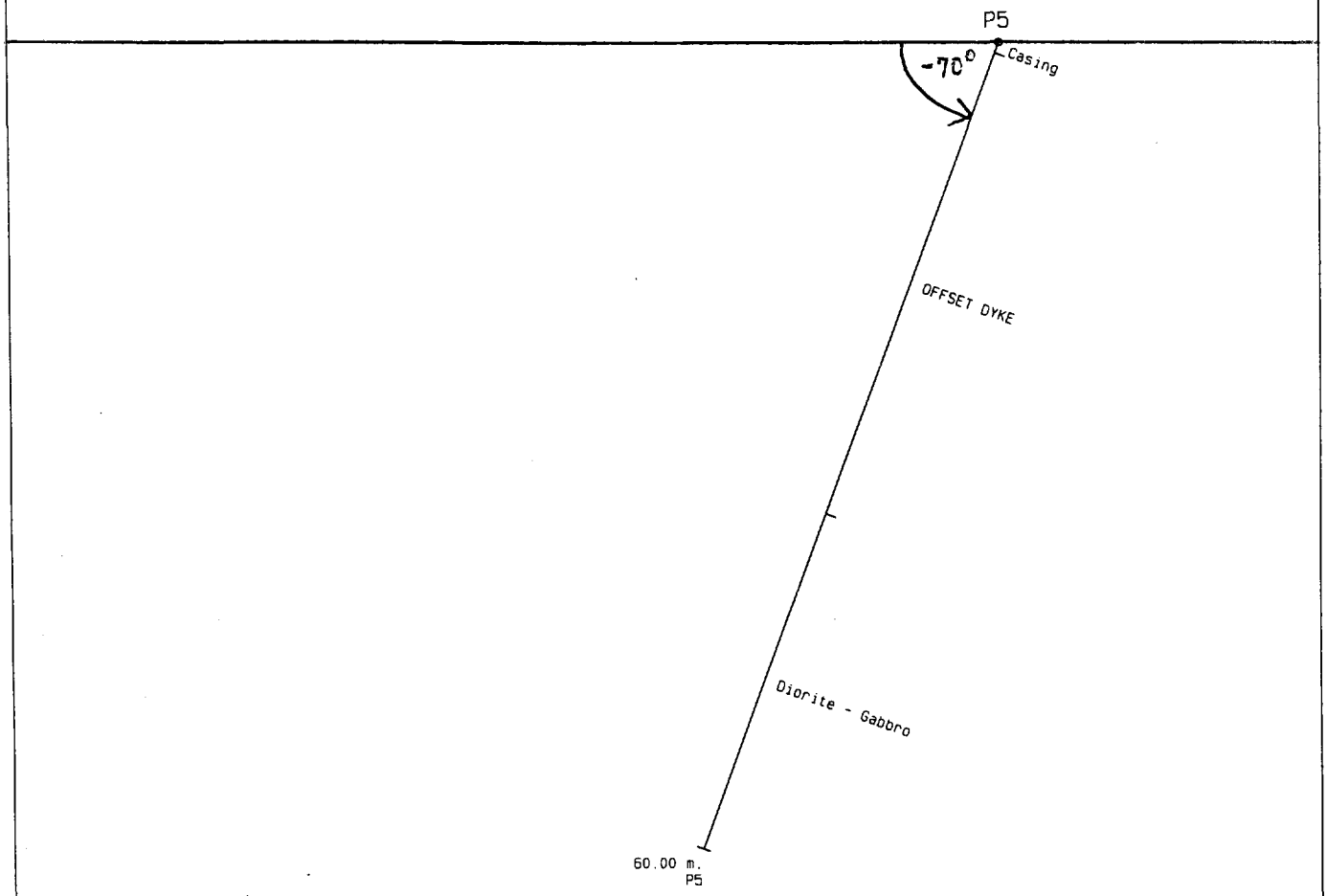
J. Brady

SECTION 150N

P4

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

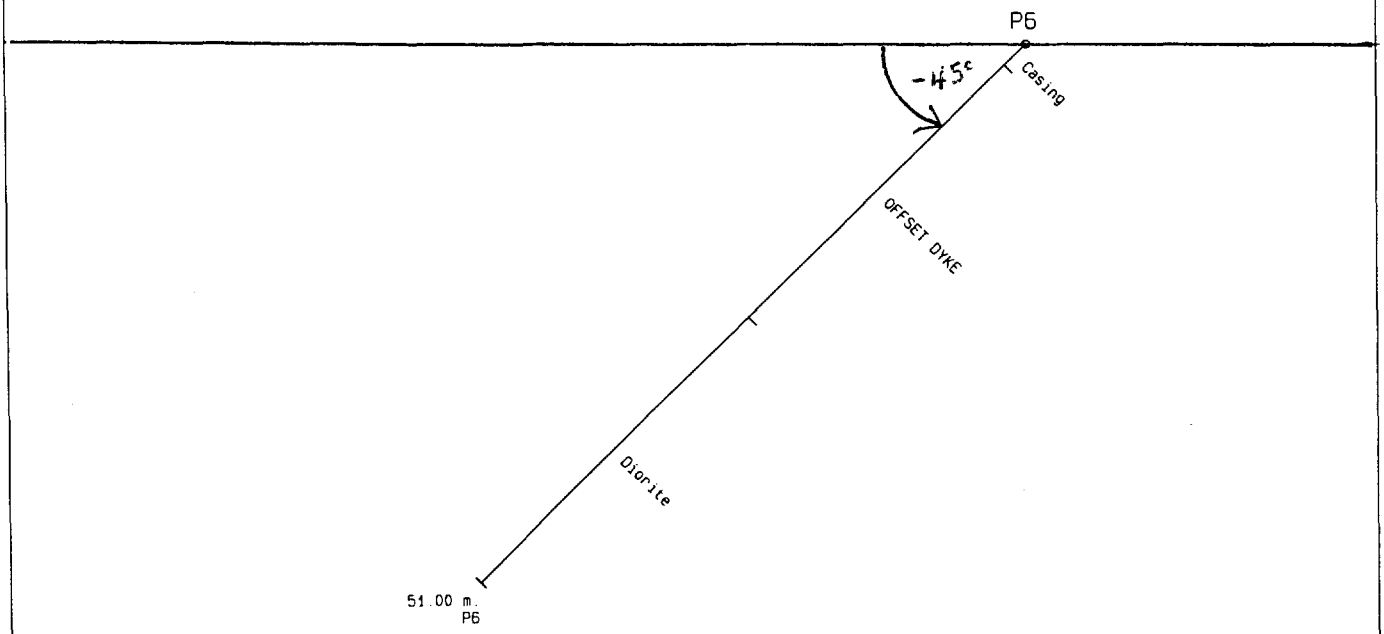
J. Brady

SECTION 150N

P5

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

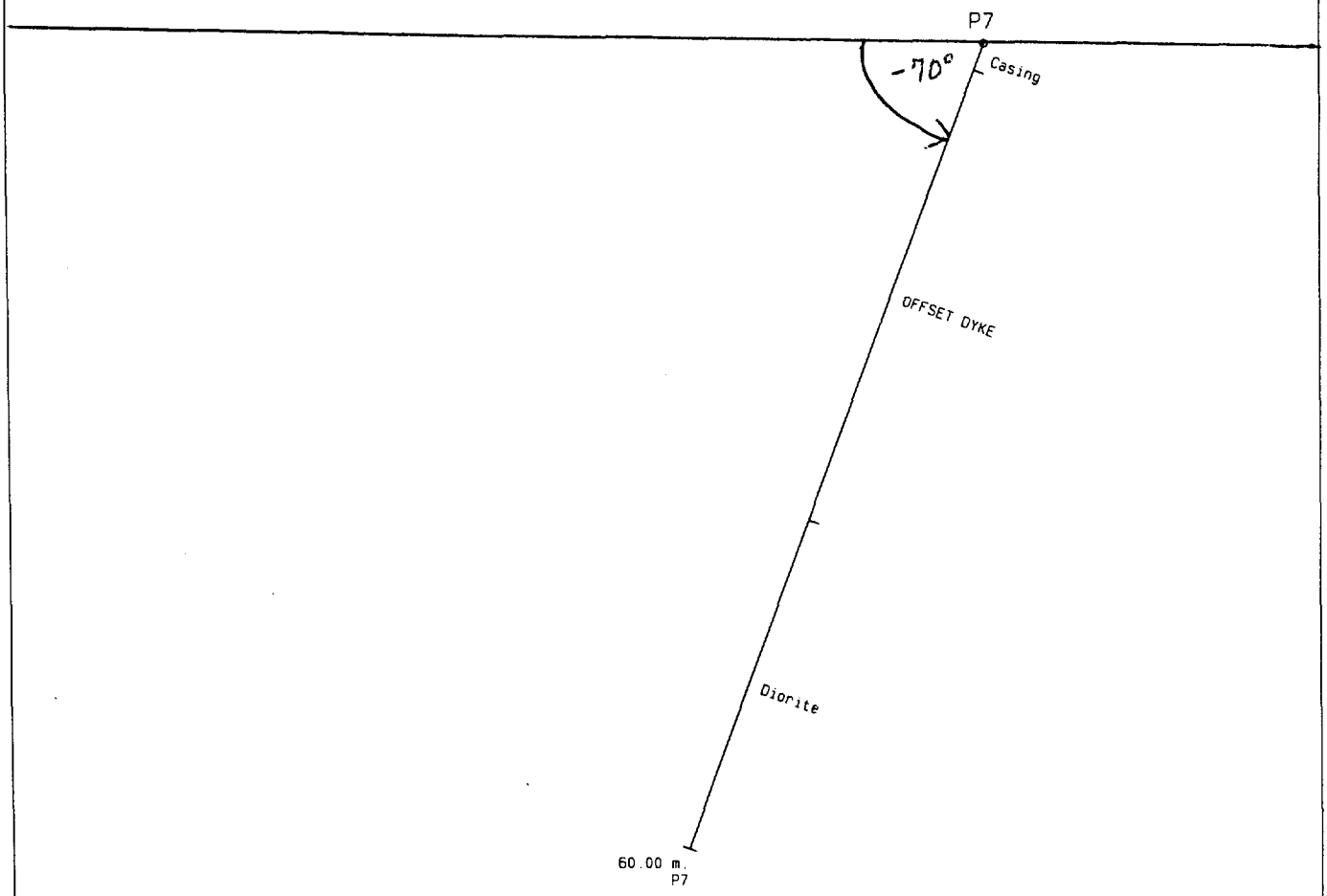
J. Brady

SECTION 143.50N

P6

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

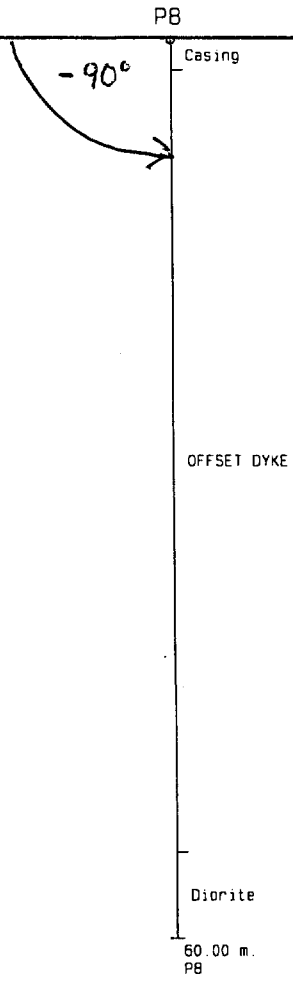
J. Brady

SECTION 143.50N

P7

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

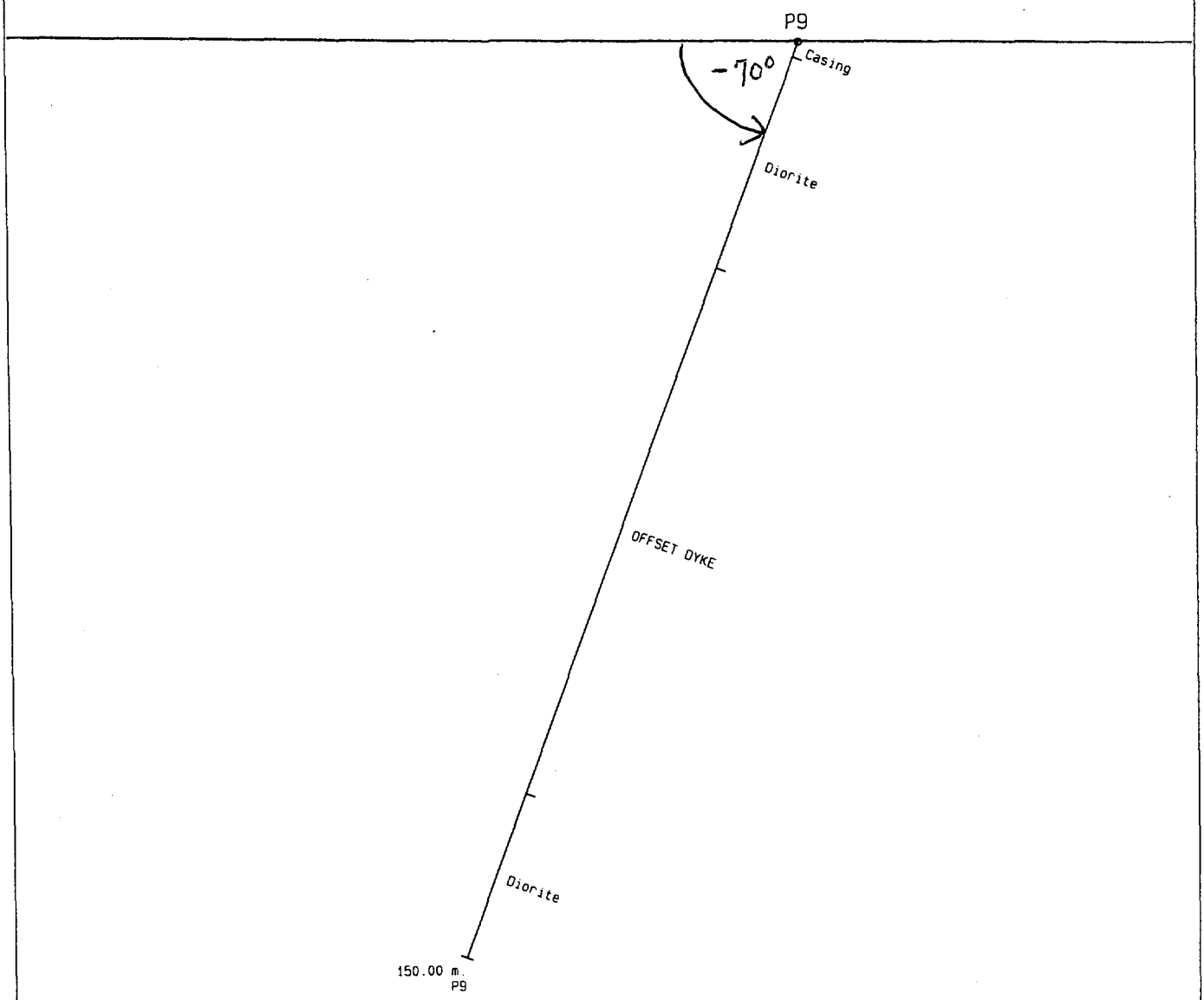
J. Brady

SECTION 143.50N

P8

Parkin

DATE: 02/05/06 | SCALE: 1/500



0 5 10 M

CLAIM 693958

2.24073

J. Brady

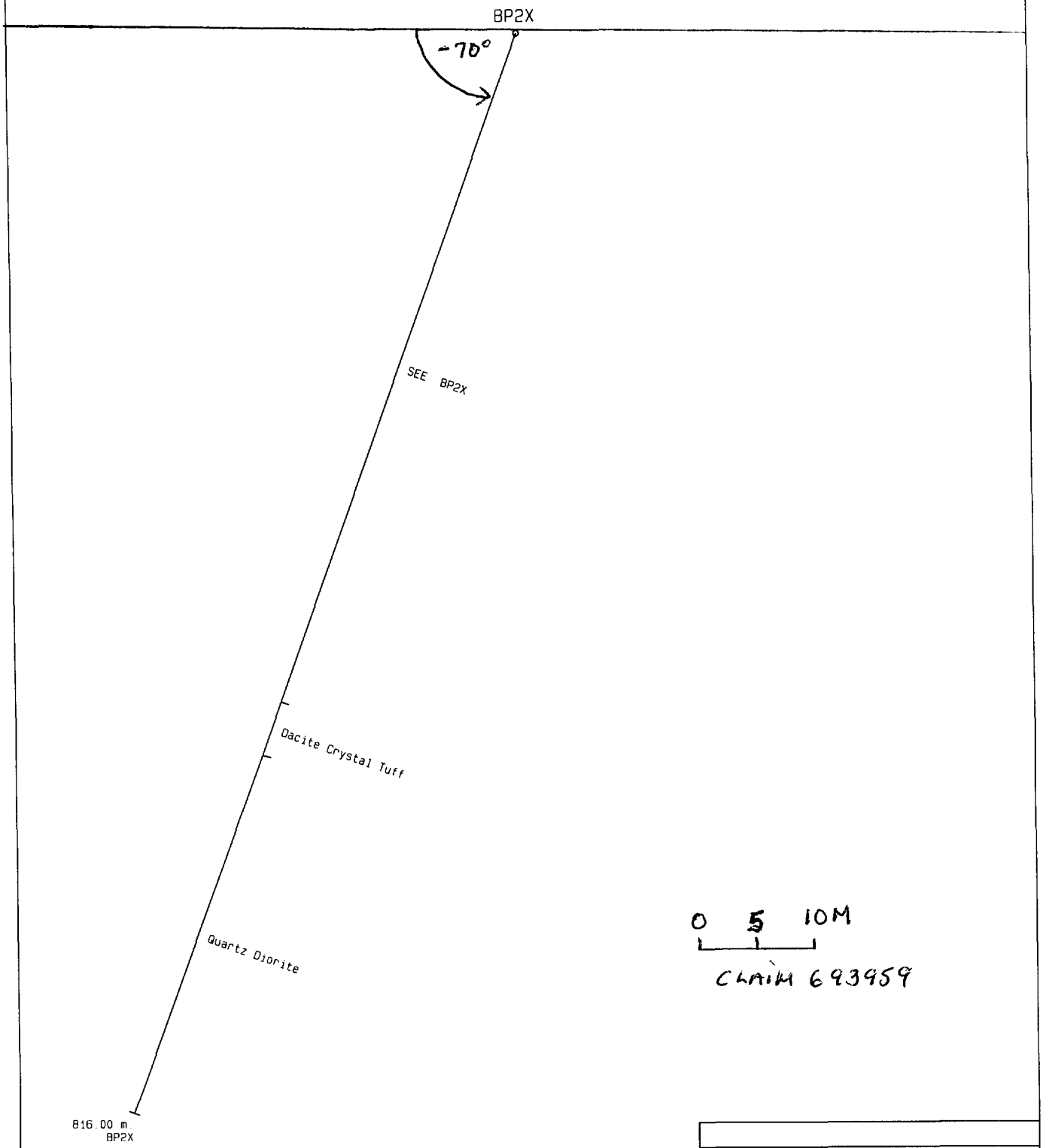
SECTION 132N

P9

Parkin

DATE: 02/05/06 | SCALE: 1/1000

2.25454 ~~2.24073~~



J. Brady

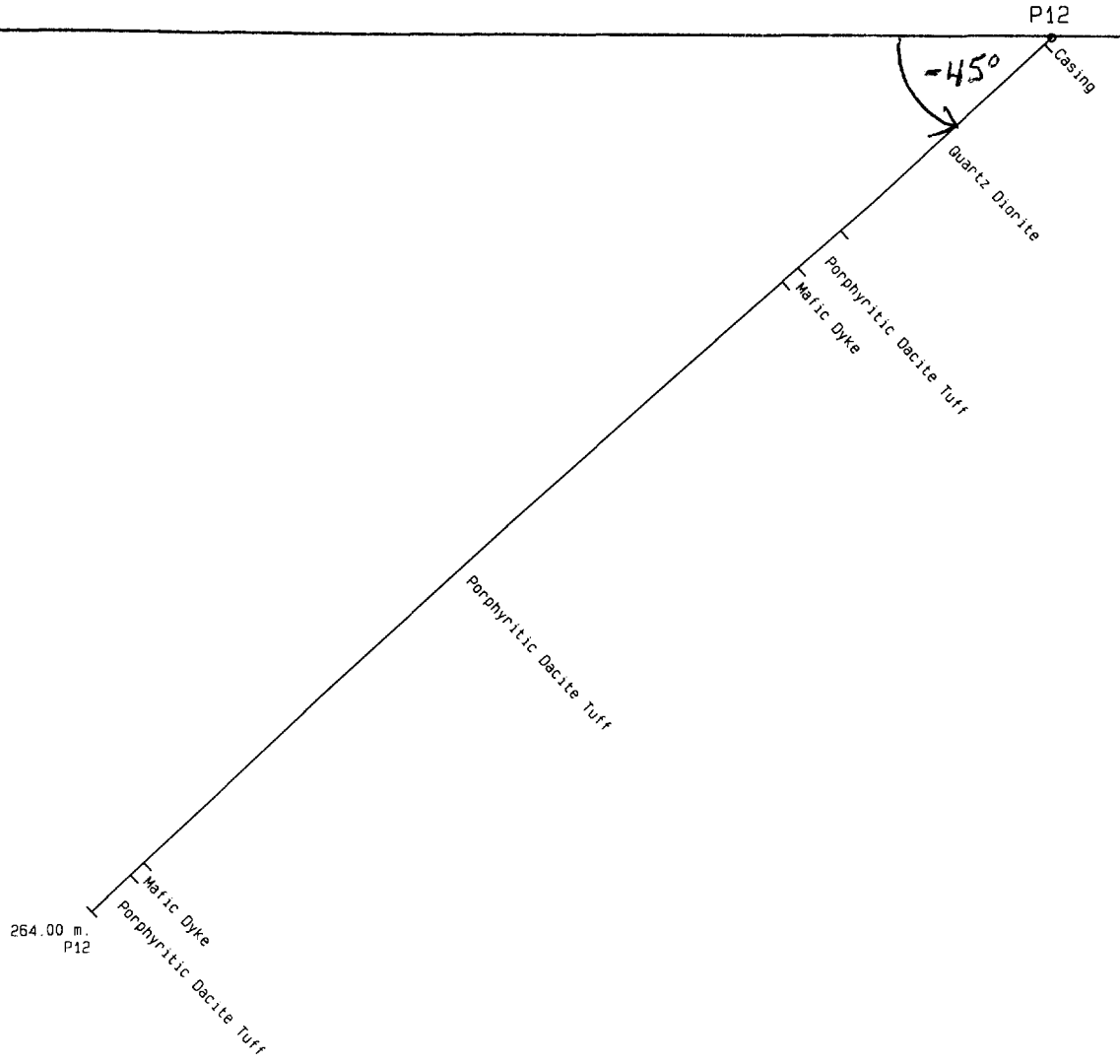
SECTION 243N

BP2X

Parkin

DATE: 02/05/06 | SCALE: 1/4000

2.24073



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CLAIM 693459

J. Brady

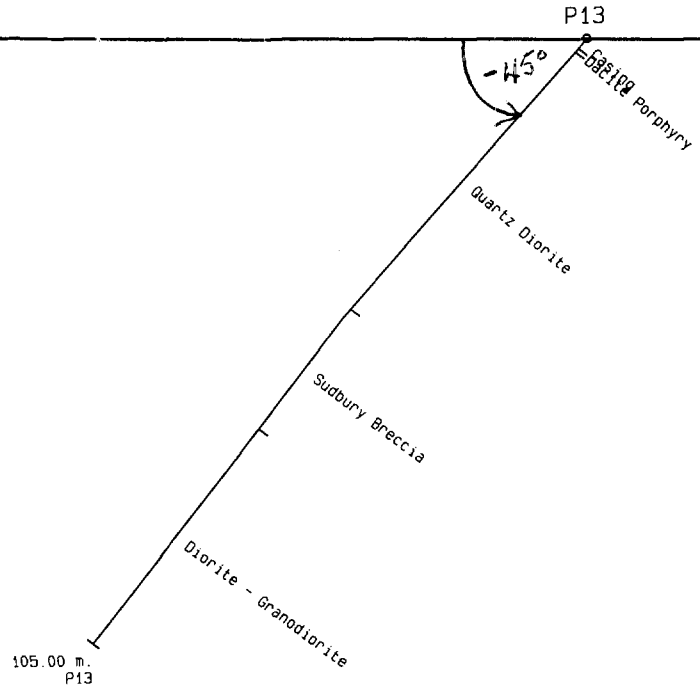
SECTION 261N

P12

North Parkin

DATE: 02/05/06 | SCALE: 1/1500

2.24073



0 5 10M

CLAIM 693959

J. Brady

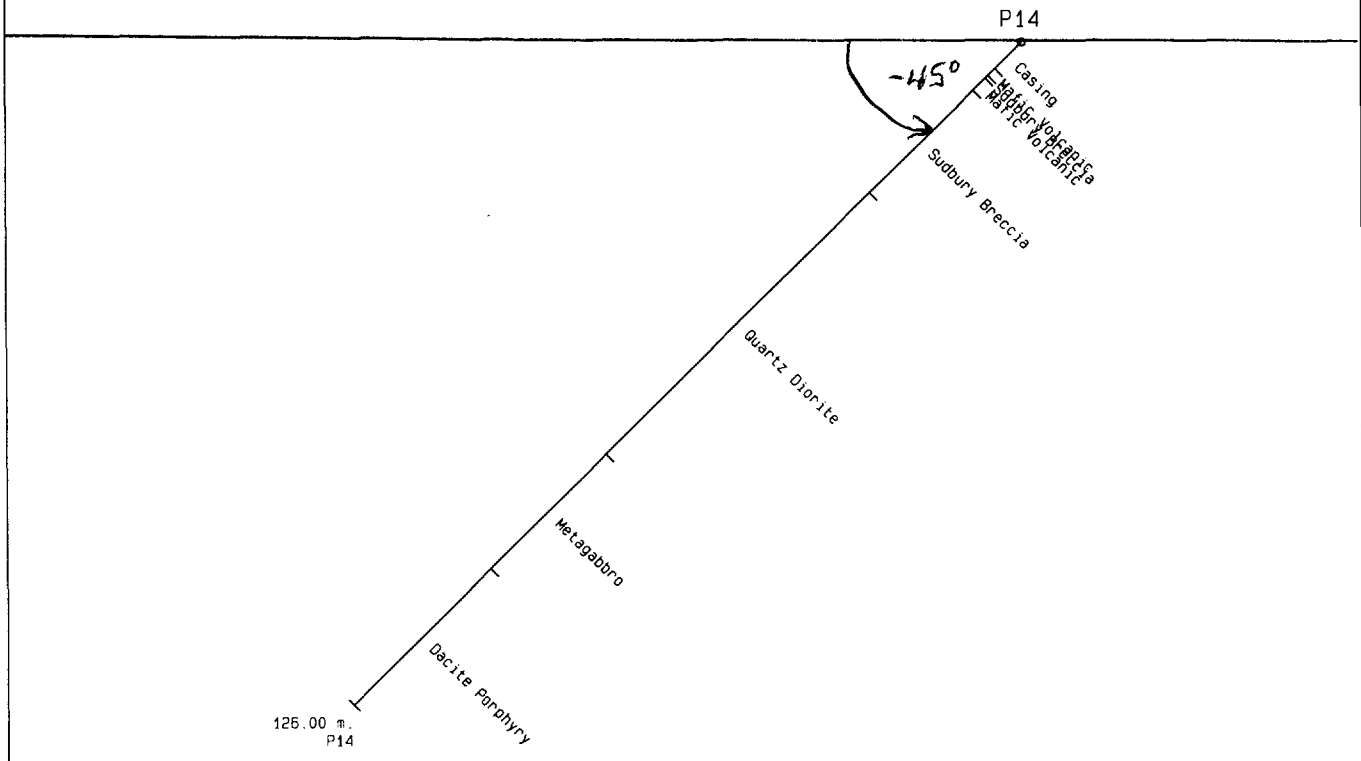
SECTION 175N

P13

Parkin

DATE: 02/05/06 | SCALE: 1/1000

2.24073



0 5 10 M

CLAIM 693959

J. Brady

SECTION 375N

P14

Parkin

DATE: 02/05/06 | SCALE: 1/1000

Work Report Summary

Transaction No: W0270.01974 **Status:** APPROVED
Recording Date: 2002-AUG-14 **Work Done from:** 1998-DEC-11
Approval Date: 2002-DEC-18 **to:** 2001-JAN-31

Client(s):

116945 CHAMPION BEAR RESOURCES LTD.

Survey Type(s):

ASSAY PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 7070027	$60,000	$44,196	$0	$0	$0	0	$60,000	$44,196	
G 7070028	$91,534	$66,293	$0	$0	$0	0	$91,534	$66,293	
	$151,534	$110,489	$0	$0	$0	$0	$151,534	$110,489	

External Credits: $0

Reserve:

$110,489	Reserve of Work Report#: W0270.01974
($72,840)	Applied by W0370.00667 2003-JAN-21
$37,649	Total Remaining

Status of claim is based on information currently on record.

41I15SW2046 2.25454 PARKIN

900

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

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

Date: 2003-APR-24

CHAMPION BEAR RESOURCES LTD.
2005-9TH STREET, S.,W.,
CALGARY, ALBERTA
T2T 3C4 CANADA

Submission Number: 2.25454
Transaction Number(s): W0270.01974

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

The 45 days outlined in the Notice dated October 21, 2002 have passed. Assessment work credit has been approved as outlined on the attached Work Report Summary. The assessment credit is being reduced by $41,045. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is $110,489.

Please note, that the reference number for this file has changed. The old transaction number (W0270.01331) has been changed to W0270.01974.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Champion Bear Resources Ltd.
(Claim Holder)

Assessment File Library

Champion Bear Resources Ltd.
(Assessment Office)

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

Mining Land Tenure Map

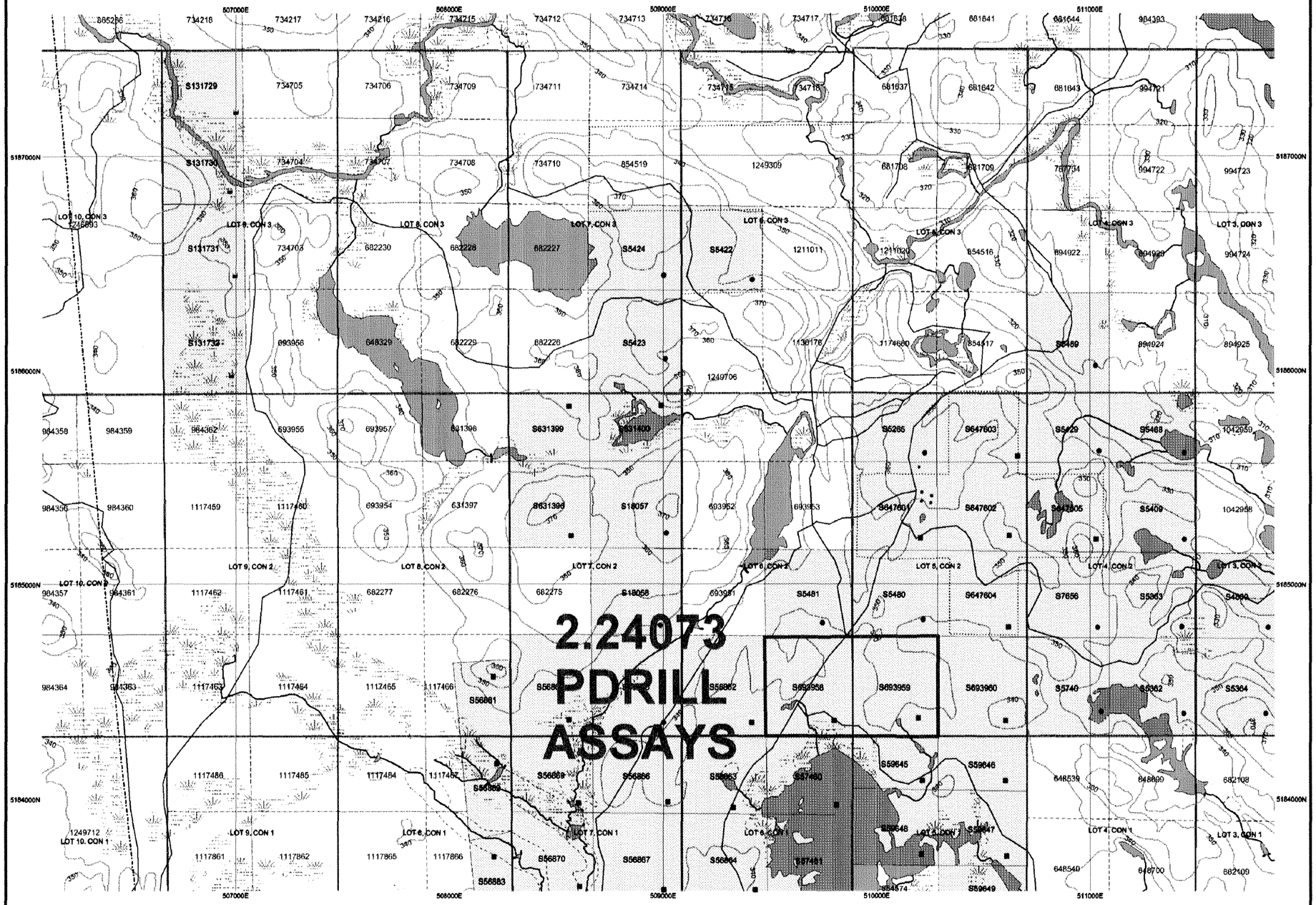
Date / Time of Issue: Wed Dec 18 16:13:52 EST 2002

TOWNSHIP / AREA
PARKIN

PLAN
G-2915

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Sudbury
Land Titles/Registry Division	SUDBURY
Ministry of Natural Resources District	SUDBURY



UTM Zone 17
1000m grid

TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order In Council (Not open for staking)
- Water Power Lease Agreement
- 1234567 Mining Claim
- 1234567 Filed Only Mining Claims

LAND TENURE WITHDRAWALS

1234 Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm Surface And Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W°sm Surface And Mining Rights Withdrawn
- W°s Surface Rights Only Withdrawn
- W°m Mining Rights Only Withdrawn

No IMPORTANT NOTICES

Scale 1:20000

300 m 0 m 600 m

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
W.67/76	Wm	Jan 1, 1980	SEC.36/80 W.67/76 17/11/76 MRO 7598 vol.9 Mining rights of the land and land und

2.25454

41I15SW2046 2.25454 PARKIN 200

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 577
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

100 N
200 N
300 N
400 N
500 N
Claim Line
BL-00
Baseline (00)
Old Grid Baseline 037°
Offset Dyke
Offset Dyke
P-50
P-49
P-48
P-47
P-46
P-45
P-44
P-43
P-42
P-41
P-40
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P-11
P-10
P-9
P-8
P-7
P-6
P-5
P-4
P-3
P-2
P-1
BP-1
BP-2
BP-3
97-1
97-2
97-3
97-4
97-5
97-6

2.25454

Scale 1:500
0 25m

~~2.24073~~

CHAMPION BEAR RESOURCES LTD.

PARKIN SOUTH PROPERTY

Brady Prospect

(Parkin Township, Ontario)

HOLE LOCATION PLAN