Diamond Drilling Program

JANES PROPERTY

Janes Township, Sudbury Mining District, Ontario

June 25th, 1999

Prepared for:

Pacific North West Capital Corporation
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&

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INTRODUCTION

A diamond drilling program was completed on the Janes Property (Jackie Rastall prospect) between April 16th and April 27th, 1999. The Jackie Rastall prospect is located in Janes Township, Sudbury Mining Division, Ontario (Figures 1 and 2). The Janes Property is currently under option by Pacific North West Capital Corporation (PFN) from Goldwright Explorations Incorporated (GEI).

A total of 13 drill holes (NQ core = 4.76 cm diameter) were completed, totaling 1041 metres (3415.5 feet). Table 1 lists details from the 13 drill holes and Figures 3b and 4 show the locations of the drill holes in plan. Drill core logs are provided in Appendix I, drill hole cross sections are provided in Appendix II, and sample assay values are provided in Appendix III.

Table 1. Diamond drill hole summary – Jackie Rastall prospect, Janes Property.

Drill Hole	Casing (m)	Az	Dip	Length (m)	Northing	Easting	*Elevation (m)
JR99-01	4	300	-46	68	0	29	10.38
JR99-02	0	342	-52	24	181	12	5.45
JR99-03	0	0	-90	14	189	7	6.45
JR99-04	5	0	-90	245	-29	170	16
JR99-05	2	280	-45	63	-213	60	11.81
JR99-06	10	300	-45	47	-31	9	2.9
JR99-07	1	0	-90	233	29	161	20.84
JR99-08	0	340	-60	44	165	37	15.48
JR99-09	0	300	-45	62	-164	39.5	10.45
JR99-10	2	300	-45	70	-89	46	12.6
JR99-11	2	300	-70	60	0	31	10.45
JR99-12	2	300	-45	60	71	13	8.91
JR99-13	3	340	-45	51	197	51	10.72

*relative to BL0/L0+00 where elevation = 0.00m

Six metres of NW casing was left in drill hole JR99-04 and 1 metre of NW casing was left in drill hole JR99-07. All of the collars and/or collar locations were marked in the field by sizable poplar poles, flagging, spray paint and metal tags.

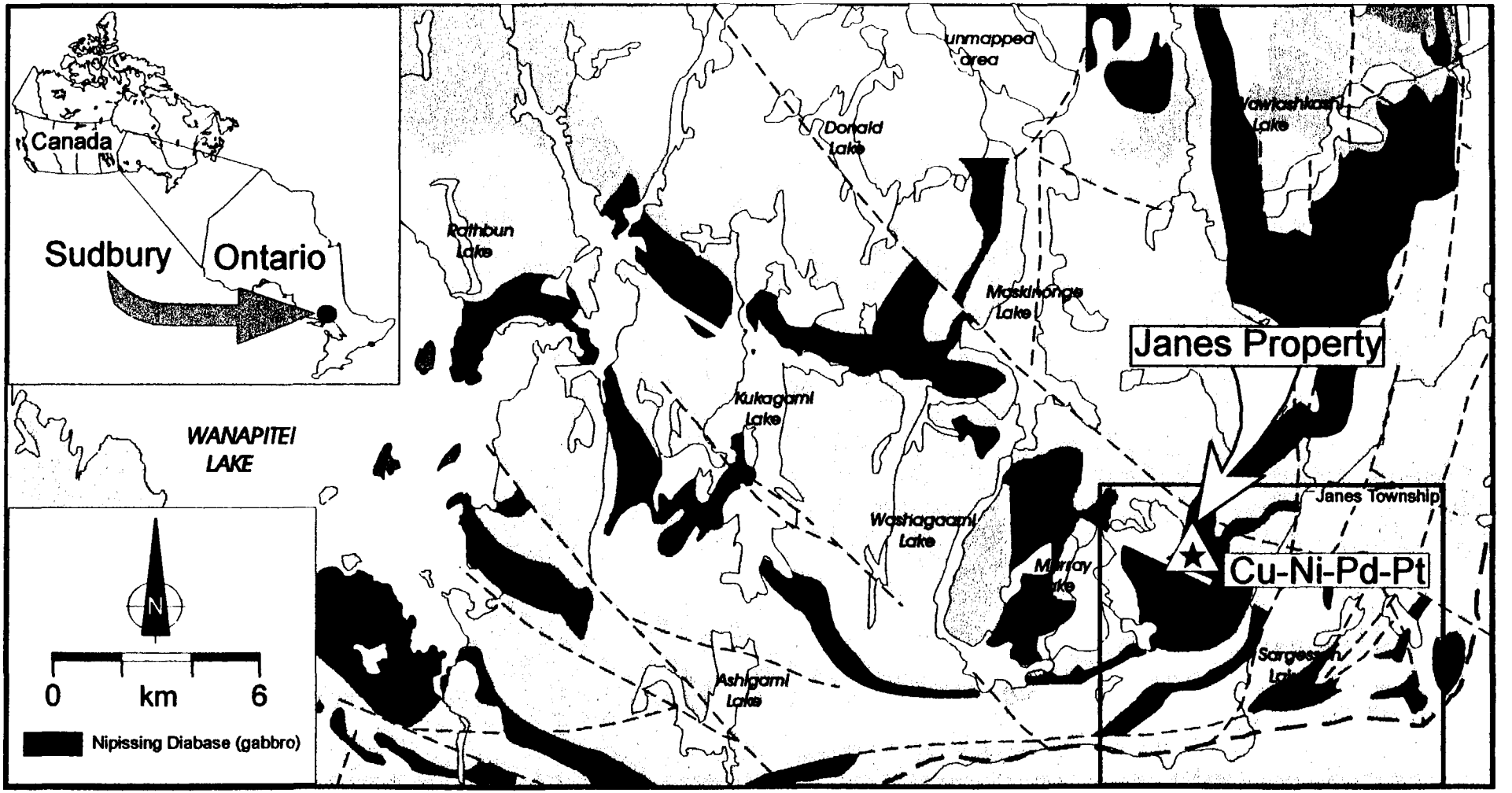


Figure 1. Location of the Janes Pt-Pd-Cu-Ni property, Janes Township, Sudbury Mining District, Ontario. The property is located about 50 km northeast of the City of Sudbury (off the map).

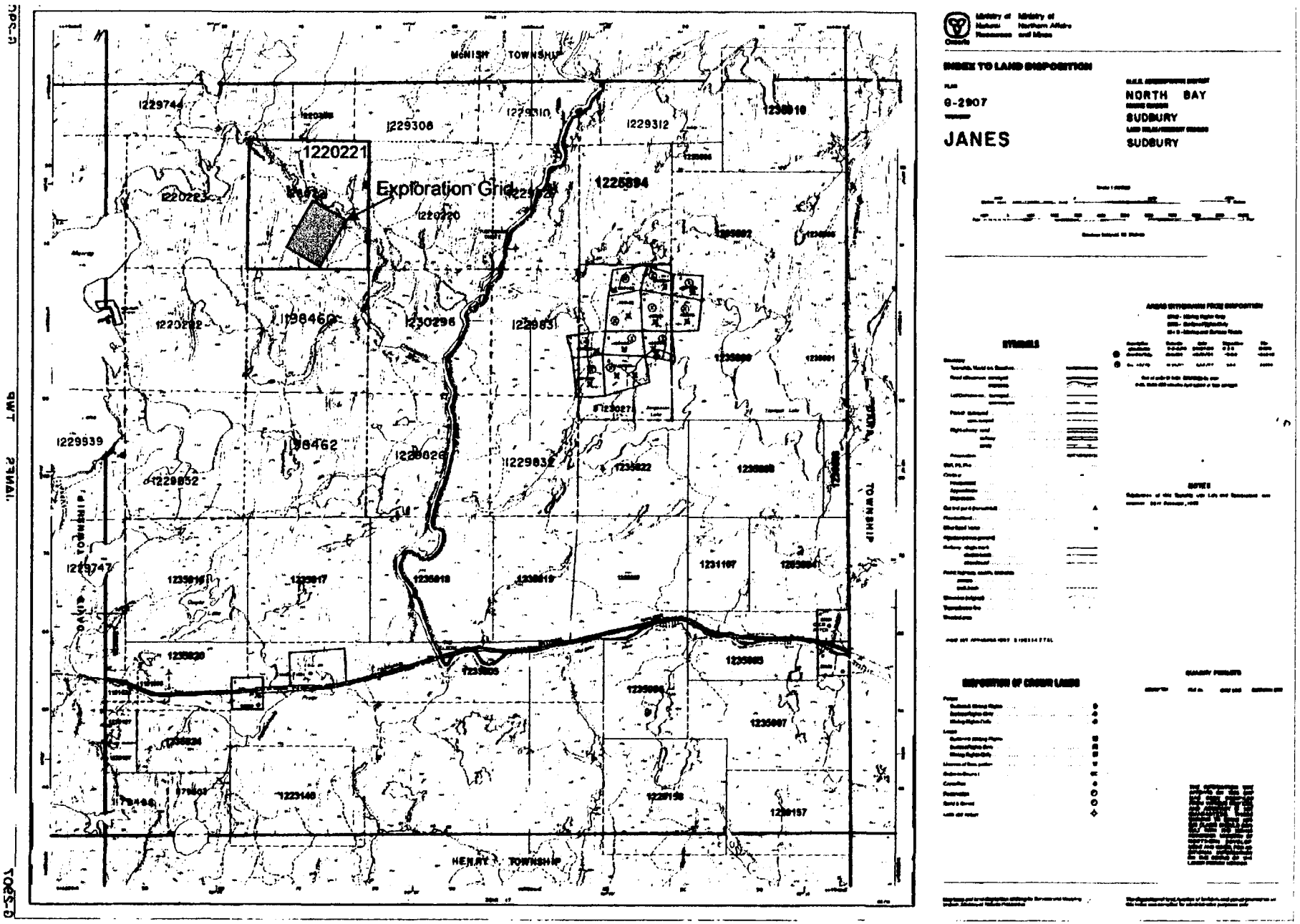


Figure 2. Claim map of Janes Township (G-2907) showing the location of the exploration grid that covers the J. Rastall prospect - unpatented mining claim 1220221.

LOCATION AND ACCESS

The **Janes Property** is located in Janes Township, Sudbury Mining District, Ontario, Canada and is about 50 road kilometres northeast of the City of Sudbury (Figure 1). Prior to the drilling program, the majority of exploration expenditures had been concentrated on a series of trenches located north-centrally in the Janes property group of claims (Figure 3a). This prospect, referred to as the Jackie Rastall (JR) prospect (NTS 41 I/9: ~46°41'47"N/80°23'0"W), is completely accessible by an all-weather road leading north from Highway 17 and is located in unpatented mining claim S-1220221 (Figure 2).

GENERAL GEOLOGY

The **Huronian-Nipissing Magmatic Province** (HNMP) includes Early Proterozoic intrusive bodies such as the East Bull Lake, Agnew Lake and River Valley Intrusions (*ca.* 2.4 Ga) and younger intrusions (*ca.* 2.2 Ga) of Nipissing Diabase (Gabbro); both intrusive suites are associated with Early Proterozoic sedimentary rocks of the Huronian Supergroup (*ca.* 2.45 Ga). Northwest-trending magnetite-bearing olivine gabbro dykes (*ca.* 1.2 Ga) crosscut all of the older rock types. Nipissing Diabase comprises about 25% of the outcrop area in the Southern Province and consists of dominantly tholeiitic to calc-alkaline rocks.

The majority of Nipissing Diabase occurs as near-horizontal sheets or undulating sills, consisting of basins and arches, and dykes that are generally less than 1000 m thick. In this form, disseminated to massive sulphide mineralization is concentrated within the basin or limb portions with pods of dominantly massive pyrrhotite occurring within the arches. Arcuate and open ring outcroppings of Nipissing Diabase (Kelly-Davis and Rathbun-Scadding Townships) and structural features of surrounding sedimentary rocks suggest inward-dipping, cone-shaped intrusions in which disseminated sulphides hosted by hypersthene gabbro are within a few hundred metres of the basal contact.

Lopolithic forms, such as the gabbroic rocks at the Janes property, may represent **deeper feeder systems** to the stratigraphically higher sill and cone-shaped intrusions. In this form disseminated to semi-massive/massive sulphides are hosted by hypersthene gabbro within tens of metres of the footwall sedimentary rocks and within irregular regions at the footwall contact.

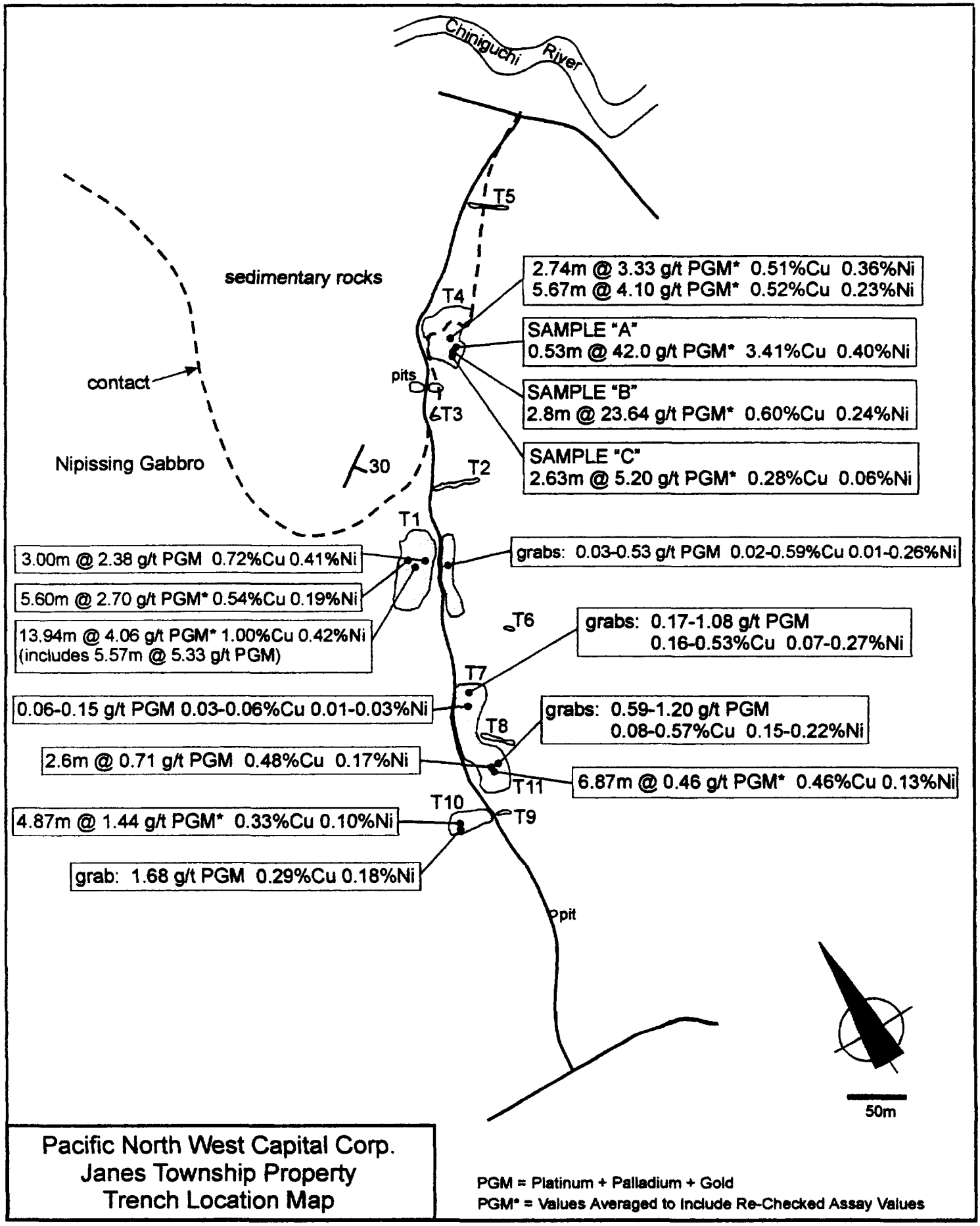


Figure 3a. Location of surface trenches, general geology and assay values from 1998 surface sampling program (channel and grab samples).

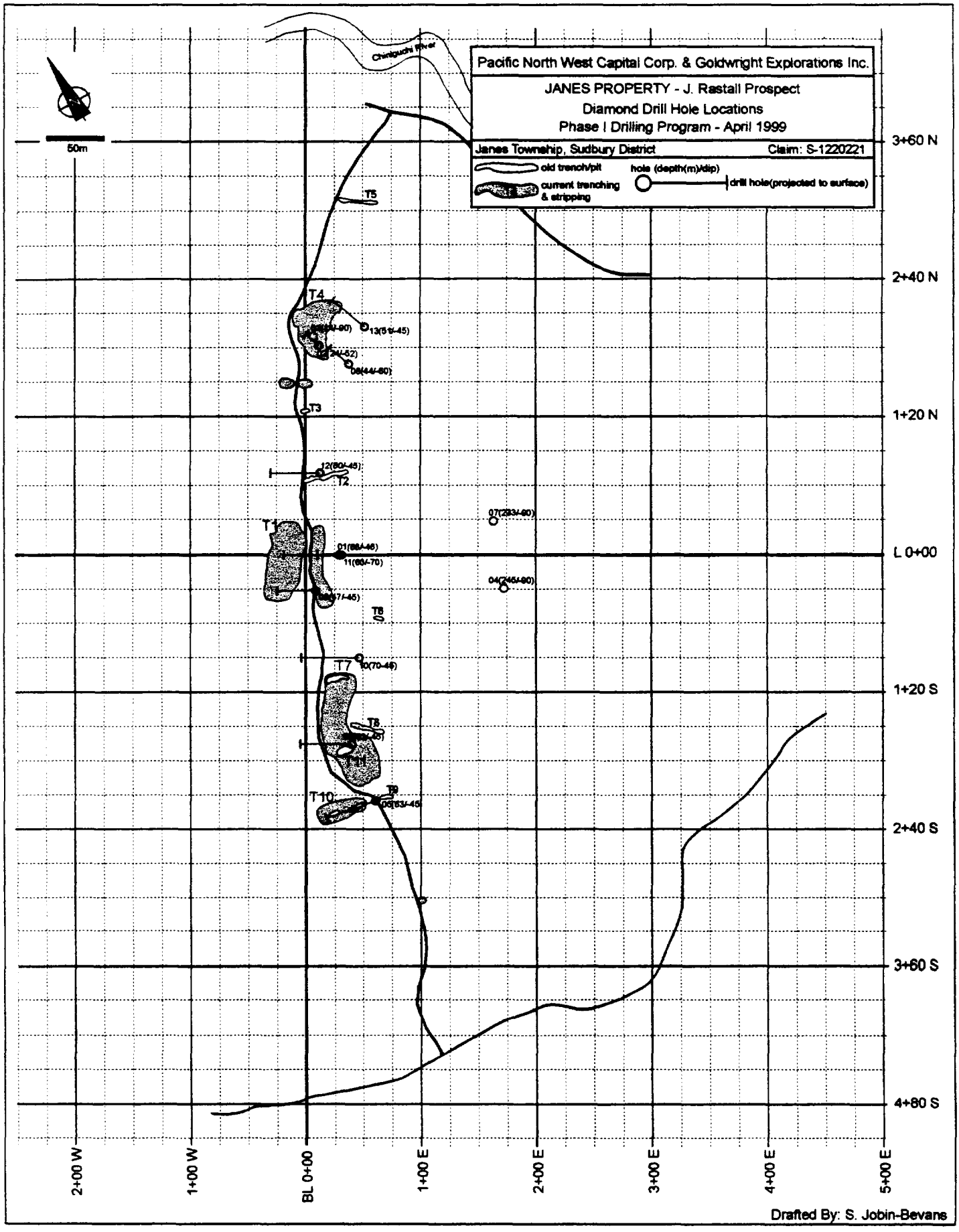


Figure 3b. Exploration grid and location of drill holes from current drill program.

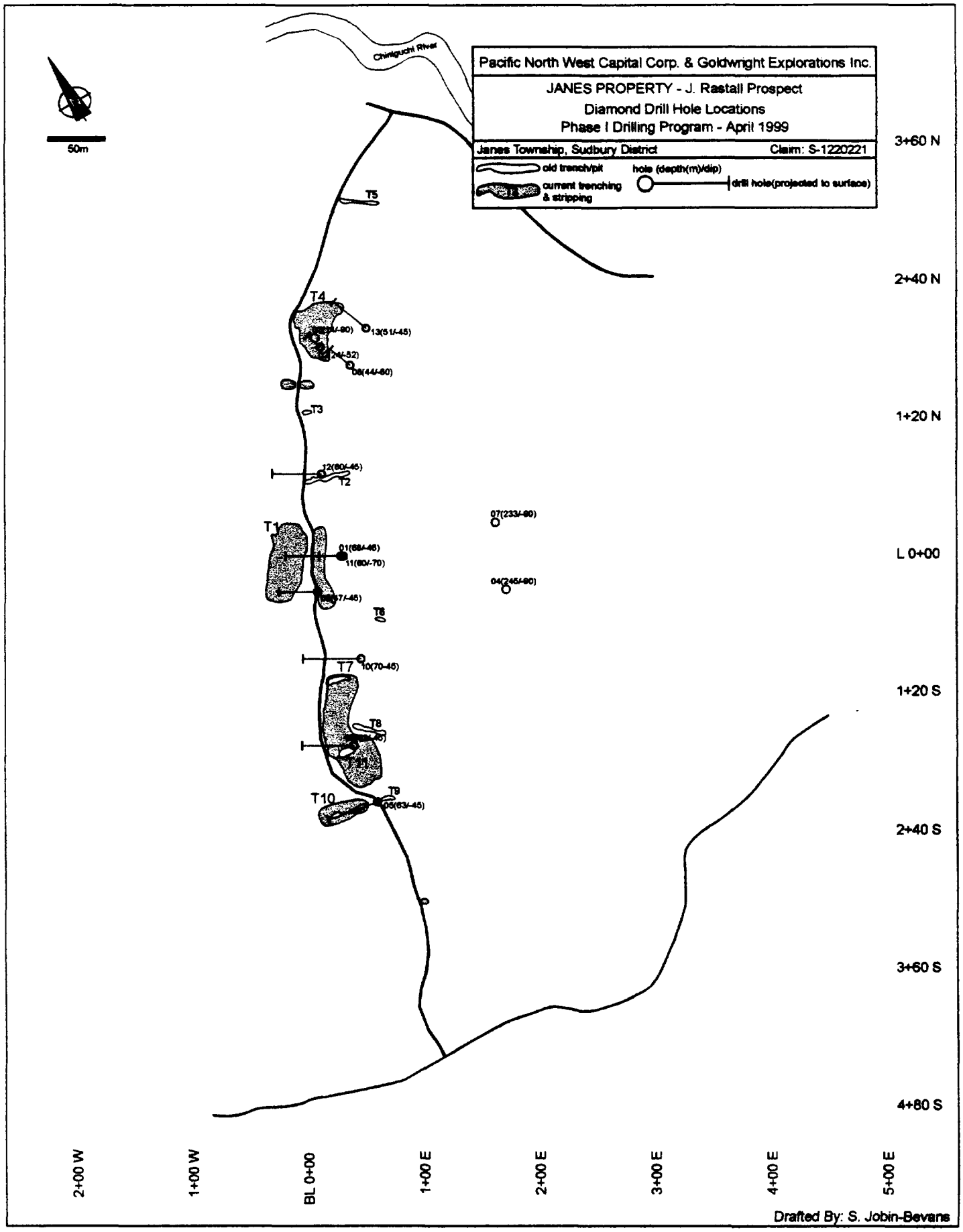


Figure 4. Location of drill holes from current drill program.

There are no known economic **Ni-Cu-PGM (PGM = platinum + palladium + gold) sulphide deposits** associated with Nipissing Diabase. Nonetheless, numerous showings with anomalous PGM values (1.0 g/t - 10 g/t PGM) are recorded throughout Nipissing Diabase. Moreover, Falconbridge Ltd.'s Shakespeare property, about 125 km west of the City of Sudbury, contains drill indicated reserves of 3.3 million tonnes at 0.37% Ni, 0.40% Cu, 0.406 g/t Pt, 0.418 g/t Pd, 0.206 g/t Au and 2.69 g/t Ag to a depth of about 61 m, a average width of 30.5 m and a strike length of 549 m. As at the Janes property, the Ni-Cu-PGM sulphide mineralization is hosted by gabbro, consists of the same principal sulphide minerals (chalcopyrite, pyrrhotite, pentlandite) and is proximal to the footwall contact.

PROJECT RATIONALE & PREVIOUS WORK

The diamond drilling program was designed to test the down-dip extension and strike continuity of an approximately 500m long surface zone of copper (Cu), nickel (Ni), platinum-group metal (PGM) sulphide mineralization. The mineralized zone is exposed by a series of intermittent trenches and appears to strike northeast (~30°) and dip southeast at about 30-45° (Figure 3a).

The location and attitude of the drill holes was based on results of the following: (1) 1998 PFN-GEI surface sampling program; (2) 1988 Falconbridge Ltd. 6-level IP survey; (3) 1998 PFN-GEI 6-level IP survey; (4) current understanding of the local geology and mineralization trend; and, (5) previous drilling by Kennco Explorations (Canada) Ltd. (*ca.* 1969-70). Further details are provided in the *Proposed Diamond Drilling Program - April, 1999*.

Kennco Explorations (Canada) Ltd. – 1969-70

Table 2 provides a summary from Kennco Explorations (Canada) Ltd.'s 1969-70 drilling program, including depth of intercept for the footwall sedimentary rocks. Estimated locations of these drill holes relative to the current exploration grid are shown in Figure 5. Documentation providing accurate collar locations for these drill holes is incomplete and although several old drill setups were identified in the field, the exact locations for several drill hole collars including hole 69-08 remains questionable.

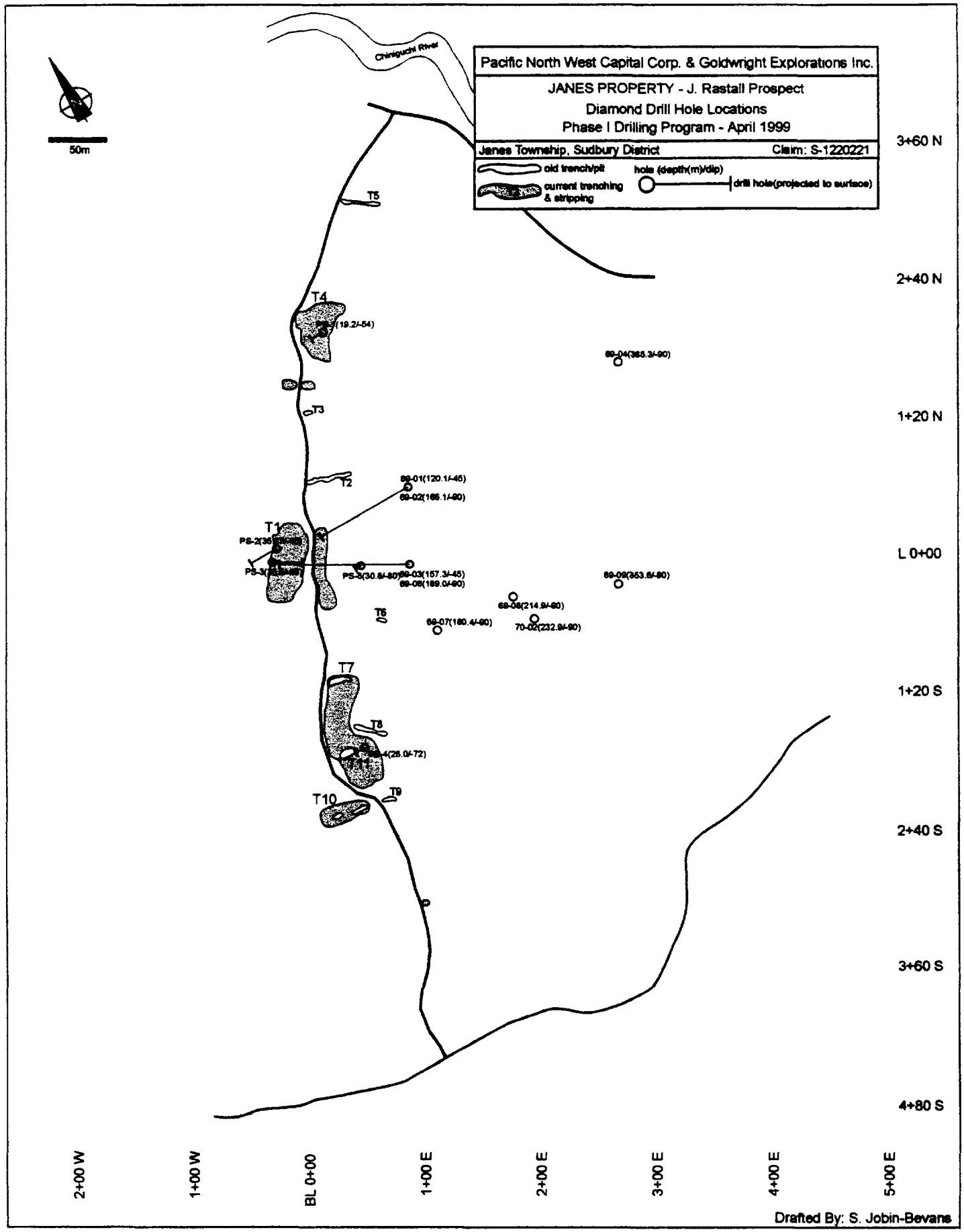


Figure 5. Exploration grid and location of drill holes from Kennco Explorations Canada Ltd. 1969-70 drill program.

Table 2. Summary of drill holes - Kennco Explorations (Canada) Ltd. 1969-1970.

DDH	Northing*	Easting*	Length (ft)	Length (m)	Dip (°)	Az	Footwall Contact (m)
69-01	60	85	394	120.09	45	270	108.50
69-02	60	85	545	166.12	90	0	161.24
69-03	-7	87	516	157.28	45	300	92.66
69-04	168	265	1264	385.27	90	0	376.12
69-06	-7	87	620	188.98	90	0	132.89
69-07	-64	110	592	180.44	90	0	158.80
69-08	-35	175	705	214.88	90	0	200.56
69-09	-24	265	1160	353.57	90	0	324.46
70-02	-54	193	764	232.87	90	0	218.85
PS-1	194	13	63	19.20	54	270	nr
PS-2	7	-27	118	35.97	45	270	nr
PS-3	-5	-31	120	36.58	45	90	nr
PS-4	-165	48	92	28.04	72	270	nr
PS-5	-8	45	101	30.78	80	270	nr

*refers to current exploration grid; nr=not reported

Table 3 summarizes several of the drill intersections from Kennco Explorations (Canada) Ltd.'s 1969-70 drilling program. Of particular note is drill hole 69-08 that intersected about 10.7 metres of 1.27% Ni and 1.59% Cu and hole PS-1 (packsack hole) that intersected about 1.0 metre of 4.60% Ni and 5.32% Cu. Drill core logs for the packsack holes were apparently filed for assessment but as yet, cannot be located.

Table 3. Drill hole intersections – Kennco Explorations (Canada) Ltd. 1969-70.

DDH	Northing*	Easting*	Cu (%)	Ni (%)	From (ft)	To (ft)	Interval (ft)	Dip (°)	Az
69-01	60	85	0.27	0.16	225.5	235.5	10.0	45	270
			0.33	0.16	284.0	289.0	5.0		
69-03**	-7	87	0.39	0.15	179.0	186.0	7.0	45	300
			0.64	0.39	196.0	203.0	7.0		
69-06	-7	87	0.24	0.12	263.0	273.0	10.0	90	0
			0.25	0.16	295.5	305.5	10.0		
			0.39	0.20	336.0	344.5	8.5		
69-08	-35	175	2.42	1.66	567.0	573.0	6.0	90	0
			1.92	1.37	573.0	578.0	5.0		
			1.37	2.03	578.0	583.0	5.0		
			2.52	1.84	588.0	593.0	5.0		
			1.10	0.12	633.0	634.0	1.0		
PS-1	194	13	5.32	4.6	20.0	23.0	3.0	54	270
PS-2	7	-27	0.76	0.29	0.0	8.75	8.75	45	270
			0.44	0.19	10.0	22.0	12.0		
			0.38	0.15	25.0	34.0	9.0		
PS-3	-5	-31	0.57	1.13	0.0	68.0	68.0	45	90

*refers to current exploration grid; **drill logs contain blanked-out assay results; nr=not reported; tr=trace

Falconbridge Ltd. – 1988-89

After an exploration program on the property in 1988, P. Tirschmann (Falconbridge Ltd.) recommended that a diamond drilling program be implemented to test the depth and strike of mineralization on the Janes Property; the program was never executed. In addition, the drill program would have tested a 6-level induced polarization anomaly that resembles the 1998 induced polarization survey completed by GEI. Further details are provided in the *Proposed Diamond Drilling Program - April, 1999*.

In 1989 Falconbridge re-assayed drill core from Kennco Explorations (Canada) Ltd.'s **drill hole 69-08** and reported the following:

Sample	Interval(m)	Length(m)	Ni(%)	Cu(%)	Pt(g/t)	Pd(g/t)	Au(g/t)	Ag(g/t)
7574	171.9-172.8	0.91	1.25	1.54	0.03	0.01	0.01	5.9
7575	172.8-174.7	1.83	2.15	1.24	0.32	0.86	0.45	7.7
7576	174.7-176.2	1.52	1.21	1.04	0.36	0.63	0.34	6.0
7577	176.2-177.7	1.52	1.54	2.55	0.10	0.66	0.11	12.1
7578	177.7-179.2	1.52	0.054	0.16	0.14	0.77	0.05	0.2
7579	**179.2-180.7**	**1.52**	**0.44**	**1.99**	**0.74**	**5.10**	**0.36**	**0.2**
7580	180.7-181.7	0.91	0.016	3.94	0.02	0.03	0.01	0.2

Falconbridge reported a weighted average of 1.51% Ni, 1.86% Cu, 0.27 g/t Pt, 1.30 g/t Pd, 0.21 g/t Au and 5.33 g/t Ag over a 7.9m interval (172.8 to 180.7 metres). This interval was described as massive to semi-massive sulphide (chalcopyrite, pyrrhotite and pentlandite) mineralization.

CURRENT RESULTS

All 13 drill holes were logged and sampled at various levels of detail. Drill core logs are provided in Appendix I, drill hole cross-sections are provided in Appendix II, sample assays are listed in Appendix III and plots of assay data are provided in Appendix IV.

A total of 824 drill core samples were submitted for analysis of Ni, Cu, Pt, Pd and Au; values for additional elements were also provided through the ICAP-28 element analysis but are not considered in this report. Table 4 provides a summary of the sampling distribution.

Table 4. Summary of the sample distribution in the 13 diamond drill holes.

Drill Hole	Pt+Pd+Au	ICAP-28*
JR99-01	97	97
JR99-02	32	32
JR99-03	31	31
JR99-04	92	19
JR99-05	65	65
JR99-06	69	69
JR99-07	158	125
JR99-08	40	40
JR99-09	70	70
JR99-10	48	48
JR99-11	65	65
JR99-12	25	25
JR99-13	32	32
TOTALS:	**824**	**718**

*28 element analysis includes Cu-Ni

Analytical Techniques

Assays for platinum, palladium and gold were completed by Accurassay Laboratories (Thunder Bay, Ontario) utilizing 40.2 grams of pulverized sample, followed by fire assay fusion (lead collection) and analysis by Atomic Absorption (AA). Accurassay Laboratories performed re-check analysis on every 10th sample and as instructed, re-assayed samples that returned values >3.0 ppm Pd and/or >3.0 ppm Pt. Detection limits are 15ppb Pt, 10ppb Pd, 5ppb Au. Pulps were returned to the Sudbury field office and rejects stored on the premises of Accurassay Laboratories. Assays for copper and

nickel were completed by Accurassay Laboratories using an aqua regia digest and analyzed by Inductively Coupled Argon Plasma (ICAP).

Pulps from samples that returned values >3.0 ppm combined Pt+Pd+Au were sent to Chemex Labs Ltd. (Vancouver, British Columbia) for an independent check using fire assay fusion and analysis by Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES). Details of all analytical techniques are available upon request.

Independent Assay Checks

A total of 29 samples were sent to Chemex Labs Ltd. for re-assay and are summarized in Table 5. All of the re-assays with the exception of sample 44655 (55.1% greater than original) are within 25% of the original values reported by Accurassay Laboratories.

Table 5. Summary of sample re-assays performed by Chemex Labs Ltd.

Sample	Accurassay Laboratories				Chemex Labs Ltd.				%PGM variation from original
	Pd (ppb)	Au (ppb)	Pt (ppb)	PGM* (ppb)	Pd (ppb)	Au (ppb)	Pt (ppb)	PGM* (ppb)	
44631	3527	272	486	4285	3920	302	540	4762	11.1
44632	5830	329	571	6730	5700	238	660	6598	2.0
44633	5394	293	589	6276	5690	344	645	6679	6.4
44635	4513	35	510	5058	4440	26	525	4991	1.3
44637	2762	200	387	3349	2630	212	395	3237	3.3
44638	3484	26	565	4075	3510	28	580	4118	1.1
44643	3709	181	462	4352	3250	166	465	3881	10.8
44645	2701	191	342	3234	2150	184	310	2644	18.2
44646	3299	207	417	3923	2870	208	405	3483	11.2
44651	5688	315	1949	7952	5630	434	2050	8114	2.0
44652	2908	192	1234	4334	3210	180	1465	4855	12.0
44653	5153	1526	1249	7928	6100	2080	1695	9875	24.6
44654	3793	277	721	4791	2830	308	845	3983	16.9
44655	3012	693	596	4301	4620	1010	1040	6670	55.1
44656	6243	1833	1069	9145	5710	1235	960	7905	13.6
44658	32578	381	1622	34581	36500	308	1600	38408	11.1
44659	14315	177	1012	15504	15200	280	1025	16505	6.5
44672	2854	263	198	3095	2400	36	330	2766	10.6
44681	8831	996	1100	10927	9130	972	1345	11447	4.8
44703	2322	557	331	3210	1940	430	340	2710	15.6
44709	2566	236	355	3157	2920	348	445	3713	17.6
44710	3738	370	493	4601	3200	326	495	4021	12.6
44711	3522	333	455	4310	3000	348	460	3808	11.6
44712	2813	259	392	3464	3240	338	505	4083	17.9
44713	3702	360	508	4570	3290	402	535	4227	7.5
44714	4557	427	600	5584	3780	508	550	4838	13.4
44715	3452	255	494	4201	3090	278	520	3888	7.5
47066	3236	370	494	4100	2740	362	420	3522	14.1
47067	4169	322	595	5086	3590	330	530	4450	12.5

*PGM = Pt+Pd+Au

Background Values

Background values for Nipissing Diabase (gabbro) on the Janes Property can be derived using assay values from barren (<1% total sulphide) gabbroic rocks. Using a weighted average from a total of 60 samples, background values are estimated at **17ppb Pt, 33ppb Pd, 5ppb Au (55ppb PGM), 163ppm Cu and 89ppm Ni**. On the basis of these same samples, background ratios are about 2:1 for both Pd:Pt and Cu:Ni.

Drill Hole Results

Nine of the thirteen drill holes, JR99-01, 02, 03, 05, 06, 08, 09, 10 and 11, returned anomalous (≥2x background) base metal (Cu≥326ppm, Ni≥178ppm) and precious metal (PGM≥110ppb) values. More importantly eight of the thirteen drill holes, JR99-01, 02, 03, 05, 06, 08, 09 and 11, returned highly anomalous (≥4x background) base metal (Cu≥652ppm, Ni≥356ppm) and precious metal (PGM≥220ppb) values. Table 6 provides a summary of the most significant intersections (*see* Figs. 3b and 4, and Appendix II)

Table 6. Summary of significant base and precious metal intersections – Janes Property.

DDH (JR99-)	Samples	From (m)	To (m)	Interval* (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	PGM (ppb)	Cu (ppm)	Ni (ppm)
01	52-79	32.00	50.05	18.05	2282	195	333	2809	10121	2687
	58-79	36.42	50.05	13.63	2670	180	368	3218	11183	2682
	63-75	40.13	47.11	6.98	3038	116	386	3540	13357	2394
	63-70	40.13	43.59	3.46	3762	158	466	4386	20801	2980
02	13-21	6.87	11.00	4.13	1710	180	369	2259	12056	5790
	14-20	7.78	10.56	2.78	2093	222	458	2773	15197	7369
	18-20	9.92	10.56	0.64	3989	362	893	5245	33660	16635
03	1-23	0.00	8.68	8.68	3716	268	462	4446	6878	4391
	1-13	0.00	3.93	3.93	6189	447	765	7401	10334	7654
	1-10	0.00	3.06	3.06	7502	552	975	9029	11952	9138
05	1-8	2.75	9.57	6.82	772	81	121	973	1908	896
	1-6	2.75	8.01	5.26	918	96	139	1153	2280	1082
06	1-37	9.90	23.91	14.01	2084	292	331	2707	8409	3535
	8-36	12.06	23.52	11.46	2398	306	355	3060	7879	3354
	27-32	19.76	22.16	2.40	3631	334	490	4455	8683	4671
08	36-40	35.83	38.59	2.76	4491	173	713	5377	2847	2213
	36-39	35.83	37.37	1.54	5597	217	891	6705	3532	2749
09	3-11	2.46	7.85	5.39	339	146	93	578	5401	2055
	4-9	3.21	7.85	4.64	359	170	103	631	6293	2411
11	34-53	32.52	48.68	16.16	1633	234	286	2153	6360	2698
	44-51	39.63	45.30	5.67	2336	252	357	2945	6849	3023
	50-51	43.43	45.30	1.87	3703	346	545	4593	9499	3686

*represents approximate true width in drill holes JR99-01, 05, 06 and 09

Although drill holes JR99-04 and 07, the two longest (deepest) holes, failed to encounter significant mineralization, it is notable that in both holes Pt and Pd values were elevated (>background) nearly continuously in JR99-07 from 55m to 200m and intermittently from 53m to 199m in JR99-04. Moreover, both holes show similar downhole patterns in their total PGM distribution with a near-continuous increase in the PGM content to about 125m followed by a decline in PGM approaching the footwall sediment contact (*see* Appendix IV).

Geology and Mineralization

Sulphide mineralization consists primarily of chalcopyrite, pyrrhotite and pentlandite in an approximately 4:2:1 ratio. Pyrite is rare in that it is observed mainly within younger shear and alteration zones and constitutes <1% of the mode in the main areas of mineralization. It is known from electron microprobe examination by the author that platinum group metals occur as discrete palladium-bismuth-tellurides and platinum-sulphide and are intimately associated with the sulphide phases.

In terms of PGM and Cu-Ni tenor, the most significant sulphide mineralization is primarily hosted by massive, medium-grained, hypersthene-bearing gabbro to subordinate gabbro. This sulphide-rich layer occurs within approximately 30-50m of the footwall sediment contact.

Disseminated sulphide mineralization (2-15% total sulphide) was observed in core from all 13 drill holes and characterizes the main form of mineralization. The greatest widths and highest consistent grades of PGM-Cu-Ni were from intersections of disseminated sulphide in drill holes JR99-01, 03, 05, 06, 09 and 11 (*see* Appendices III and IV).

Semi-massive (35-80% total sulphide) to massive (>80% total sulphide) sulphides occur as veins and lensoid bodies and were intersected in drill holes JR99-02, 03, 07 and 08. With the exception of JR99-07, these sulphide rich sections returned the highest PGM-Cu-Ni values. The highest single assay was from a 0.30 metre intersection of semi-massive to massive sulphides in JR99-03 which returned values of **32.6g/t Pd, 1.62g/t Pt, 0.38g/t Au, 3.02% Cu and 1.21% Ni** (*see* Appendix III).

SUMMARY

Results from the Phase I diamond drilling program were favourable and yielded the following:

(1)Drill holes JR99-01, 06 and 11 demonstrated that the grades and widths of PGM-rich sulphide mineralization exposed at the surface in Trench 1 are present at a minimum of 45m down dip (southeast). In addition drill hole JR99-06 showed that similar grades and widths of sulphide mineralization extent a minimum of 30m southward from Trench 1.

(2)Drill holes JR99-02, 03 and 08 all intersected very high grades of PGM sulphide mineralization. Although the widths were relatively narrow, geological interpretation suggests that the mineralization has been complexly faulted and may still be present at depth.

(3) Intersections of anomalous PGM sulphide mineralization in drill holes JR99-05 and JR99-09 suggests that the mineralized horizon (hypersthene-bearing gabbro) extends toward the south.

(4) Drill hole JR99-04, which was intended to duplicate Kennco's drill hole 69-08, encountered footwall sediments at 242.45m whereas the Kennco hole intersected sediments at 200.56m. In addition JR99-04 required 5m of casing whereas Kennco required 1.5m for hole 69-08. These discrepancies in the footwall and casing depths suggest that the drill set up for JR99-04 was not in the exact area of the Kennco hole and that the Kennco collar for 69-08 may have been as much as 75m to the west.

RECOMMENDATIONS

On the basis of the Phase I diamond drilling program and previous surface exploration on the property, it is recommended that the following programs (**$215,000.00**) be implemented:

(1) Prospecting and Surface Sampling: $10,000.00

Prospecting should concentrate in the area extending south of Trench 10 where there is the possibility for surface outcropping of sulphide mineralization. In addition, the gabbro-sediment contact further to the west and off of the main exploration grid should be prospected for similar mineralization.

(2) Borehole Pulse-EM Geophysical Survey: $15,000.00

Casing was left in drill holes JR99-04 (245m) and JR99-07 (233m) in order to allow for down-the-hole geophysical surveys. The purpose of these surveys is to resolve the discrepancies observed in drill holes JR99-04 and 07, and to detect off-hole anomalies that may be the result of semi-massive to massive sulphide mineralization such as those intersected by Kennco (69-08).

(3) Surface Deep Pulse-EM Survey: $15,000.00

A surface pulse-EM geophysical survey (approximately 15 line kilometres) is recommended in order to define future drill targets and prioritize known IP anomalies.

(4) Phase II Diamond Drilling: $175,000.00

The drill program should be exploratory in nature and achieve the following:

a. Test the down-dip extension of mineralization in the area of Trench 1.
b. Test the extent of mineralization immediately north and south of Trench 1.
c. Test the down-dip extent of mineralization under Trench 4.
d. Test the down-dip extent of mineralization under Trenches 10 and 11.
e. Test the possibility for mineralization south of Trenches 10 and 11.
f. Test for mineralization in the area of Trench 7.

In addition, drill target(s) based on the results of the borehole geophysics should be tested.

CERTIFICATE OF QUALIFICATION

I, Scott Jobin-Bevans of 225 Ferndale Avenue, Sudbury, Ontario, Canada, do hereby certify that:

1. I am a consulting geologist with the mineral exploration company JB Exploration & Development of Sudbury, Ontario.

2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba with a B.Sc. (Hons.) Geology - 1995, and M.Sc. Geology - 1997.

3. I am a member of the Society of Economic Geologists and the Canadian Institute of Mining, Metallurgy and Petroleum.

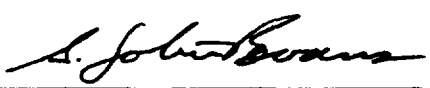
4. I have been an exploration geologist and prospector for ten years.

5. I am a member of the Association of Geoscientists of Ontario.

6. I have an active prospector's license for the province of Ontario (# H14027).

7. I have not received any direct or indirect interest in Pacific North West Capital Corporation.

8. This report is intended to be an overview of the potential of the property or properties with recommendations and conclusions that are based solely on the available data.



Scott Jobin-Bevans (B.Sc., M.Sc. Geology)
June 1999

APPENDIX I

Diamond Drill Core Logs

Abbreviations Used in the Logs:

py	pyrite	m	metres
cpy	chalcopyrite	Q-C	quartz-carbonate
po	pyrrhotite	a/w	associated with
pn	pentlandite	Pt	platinum
sed(s)	sediment	Pd	palladium
hyp	hypersthene	Au	gold
fg	fine-grained	Cu	copper
mg	medium-grained	Ni	nickel
cg	coarse-grained	diss.	disseminated
peg	pegmatitic or pegmatite	CA	core axis
qtz	quartz	ts	total sulphide
carb	carbonate	DDH	diamond drill hole
PGM	platinum group metals		

Property: Jackie Rastall
Location: Janes Twp.
Started: April 23, 1999
Completed: April 23, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-01
Bearing: 300
Dip: -46
Casing: 4m
Depth: 68m
Elevation: 10.38m

Grid North: 0
Grid East: 29

Boxes: 16

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	4.00	–	–	–	–	casing	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2.50	3.57	<1	50	50	vt gabbro	mg; finely diss. cpy/po; biotite & white mica	99	1	2.50	2.95	0.45	44731	41	0	0	63	43	41	0.0	1.5
						:locally bleb cpy/po mainly a/w cg patches		2	2.95	3.57	0.62	44732	94	9	15	211	77	118	6.3	2.7
						:minor stringer po>cpy														
3.57	6.69	1-2	60	40	vt gabbro	mg to locally cg; bleb po>cpy with finely diss.	99	3	3.57	4.11	0.54	44733	1063	82	207	1596	1260	1352	5.1	1.3
						cpy/po and stringers; generally <2% qtz		4	4.11	4.68	0.57	44734	54	0	0	131	76	54	0.0	1.7
						and <2% hypersthene phenocrysts		5	4.68	5.00	0.32	44735	330	28	66	552	293	424	5.0	1.9
						:finer-grained downhole with less cg patches		6	5.00	5.54	0.54	44736	381	32	74	652	340	487	5.1	1.9
						after 5m		7	5.54	6.16	0.62	44737	78	6	23	106	60	107	3.4	1.8
								8	6.16	6.69	0.53	44738	167	15	29	283	154	211	5.8	1.8
6.69	12.21	<1	65	35	gabbro to hyp-gabbro	mg; massive; ~1% biotite; <5% hypersthene	100	9	6.69	7.00	0.31	44739	46	0	0	109	65	46	0.0	1.7
						:mainly finely diss. cpy/po		10	7.00	7.53	0.53	44740	23	0	0	62	41	23	0.0	1.5
						:slight increase in d.s. downhole to ~1%		chk 10	7.00	7.53	0.53	44740	28	0	0			28	0.0	
								avg 10	7.00	7.53	0.53	44740	25.5	0	0			25.5	0.0	
								11	7.53	8.00	0.47	44741	11	0	0	53	46	11	0.0	1.2
								12	8.00	8.77	0.77	44742	21	0	0	78	52	21	0.0	1.5
								13	8.77	9.41	0.64	44743	45	6	15	83	59	66	3.0	1.4
								14	9.41	10.41	1.00	44744	153	12	30	193	104	195	5.1	1.9
								15	10.41	10.89	0.48	44745	218	14	42	239	134	274	5.2	1.8
								16	10.89	11.47	0.58	44746	53	7	17	101	59	77	3.1	1.7
								17	11.47	12.21	0.74	44747	31	0	0	73	51	31	0.0	1.4

Property: Jackie Rastall | Hole No.: JR99-01 | Grid North: 0 | Test Type: none
Location: Janes Twp. | Bearing: 300 | Grid East: 29 | Depth: | Result:
Started: April 23, 1999 | Dip: -46 | | Depth: | Result:
Completed: April 23, 1999 | Casing: 4m | Boxes: 16 | Depth: | Result:
Core Size: NQ | Depth: 68m | | Depth: | Result: | Logged By: L.S. Jobin-Bevans
Contractor: NDS Drilling - Timmins | Elevation: 10.38m | | Depth: | Result:

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
12.21	17.43	2-5	65	35	gabbro to hyp-gabbro	mg; massive; similar to previous; increase in total sulphide after ~12.5m; bleb cpy/po with cpy-po seggregation in mm diam. blebs	98	18	12.21	12.68	0.47	44748	309	18	55	318	164	382	5.6	1.9
								19	12.68	13.33	0.65	44749	149	31	40	835	319	220	3.7	2.6
								chk 19	12.68	13.33	0.65	44749	140	30	36			206	3.9	
						:after ~14m increase to 2-3% sulphide		avg 19	12.68	13.33	0.65	44749	144.5	30.5	38			213	3.8	
						:fuchsite along Q-C fractures at ~14.5m		20	13.33	14.00	0.67	44750	108	48	43	997	410	199	2.5	2.4
						:gradual increase in sulphide downhole		21	14.00	14.45	0.45	44769	105	49	60	1635	654	214	1.8	2.5
								22	14.45	15.11	0.66	44770	74	37	41	1297	499	152	1.8	2.6
								23	15.11	15.61	0.50	44787	100	53	37	1474	646	190	2.7	2.3
								24	15.61	16.21	0.60	44788	125	52	34	1632	639	211	3.7	2.6
								25	16.21	16.56	0.35	44789	137	32	37	874	358	206	3.7	2.4
								chk 25	16.21	16.56	0.35	44789	123	25	30			178	4.1	
								avg 25	16.21	16.56	0.35	44789	130	28.5	33.5			192	3.9	
								26	16.56	17.00	0.44	44790	136	74	56	2191	844	266	2.4	2.6
								27	17.00	17.43	0.43	44791	183	105	82	3390	1318	370	2.2	2.6
17.43	40.13	5-10	65	35	gabbro to hyp-gabbro	mg; massive; similar to previous; increase in total sulphide; locally up to 20% cpy/po as <3cm patches of bleb and diss.	98	28	17.43	17.95	0.52	44792	148	105	60	2991	1206	313	2.5	2.5
								29	17.95	18.45	0.50	44793	233	178	104	4938	2097	515	2.2	2.4
								30	18.45	18.88	0.43	44794	199	125	93	3593	1520	417	2.1	2.4
						:increase in blebs downhole		31	18.88	19.33	0.45	44795	196	115	54	3407	1096	365	3.6	3.1
								32	19.33	19.68	0.35	44796	95	55	41	1863	697	191	2.3	2.7
								33	19.68	20.00	0.32	44797	140	91	57	2948	1193	288	2.5	2.5
								34	20.00	20.50	0.50	44798	149	104	52	3503	1507	305	2.9	2.3
								35	20.50	21.25	0.75	44799	82	54	61	1759	782	197	1.3	2.2
						:core loss = 21.25 to 21.39		36	21.39	21.99	0.60	44800	258	222	126	5766	2717	606	2.0	2.1
								37	21.99	22.50	0.51	44801	292	234	133	6235	2615	659	2.2	2.4
								chk 37	21.99	22.50	0.51	44801	269	197	115	6774	2683	581	2.3	
								avg 37	21.99	22.50	0.51	44801	280.5	215.5	124			620	2.3	
								38	22.50	23.00	0.50	44802	277	213	125	6774	2683	615	2.2	2.5

Property: Jackie Rastall | Hole No.: JR99-01 | Grid North: 0 | Test Type: none
Location: Janes Twp. | Bearing: 300 | Grid East: 29 | Depth: | Result:
Started: April 23, 1999 | Dip: -46 | Depth: | Result:
Completed: April 23, 1999 | Casing: 4m | Boxes: 16 | Depth: | Result:
Core Size: NQ | Depth: 68m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.38m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
17.43	40.13	5-10	65	35	gabbro to hyp-gabbro	:continued from previous	100	39	23.00	23.69	0.69	44803	267	192	107	5596	2287	566	2.5	2.4
								40	23.69	24.46	0.77	44804	237	190	113	5657	2475	540	2.1	2.3
								41	24.46	25.07	0.61	44805	243	178	106	4578	1948	527	2.3	2.4
								42	25.07	25.72	0.65	44806	243	163	103	4632	2147	509	2.4	2.2
								43	25.72	26.51	0.79	44807	287	218	132	5861	2393	637	2.2	2.4
								44	26.51	27.20	0.69	44808	252	264	115	5864	2169	631	2.2	2.6
								45	27.20	27.91	0.71	44809	267	162	116	4481	2070	545	2.3	2.2
								46	27.91	28.47	0.56	44810	95	42	23	4733	1845	160	4.1	2.6
								47	28.47	29.28	0.81	44811	199	96	63	6198	2033	358	3.2	3.0
						:~30m is decrease in sulphide to ~<5%		48	29.28	30.15	0.87	44812	190	76	53	4489	1625	362	3.6	2.8
						:locally blebs of cpy/po+pn with seggregation		49	30.15	30.89	0.74	44813	233	95	63	4476	1880	305	3.7	2.4
						:<1cm wide Q-C veins with finely diss. cpy		50	30.89	31.50	0.61	44814	147	74	36	2896	1077	257	4.1	2.7
								51	31.50	32.00	0.50	44815	201	77	56	4070	1620	334	3.6	2.5
								52	32.00	32.75	0.75	44834	626	267	181	7344	3182	1074	3.5	2.3
								53	32.75	33.44	0.69	44835	645	279	198	6382	2665	1122	3.3	2.4
						:~35m increased epidotization - greener gab		54	33.44	34.44	1.00	44836	682	218	180	5112	2110	1080	3.8	2.4
								55	34.44	35.00	0.56	44837	905	220	206	5511	2245	1331	4.4	2.5
						:very blebby after ~37.5m with increased		chk 55	34.44	35.00	0.56	44837	731	153	136			1020	5.4	
						fracture and stringer sulphide		avg 55	34.44	35.00	0.56	44837	818	186.5	171			1176	4.8	
								56	35.00	35.75	0.75	44838	1082	270	227	7255	3450	1579	4.8	2.1
								57	35.75	36.42	0.67	44839	1205	245	224	5756	2578	1674	5.4	2.2
						:36.42-37.30 = 10% 2mm wide cpy stringers		58	36.42	37.30	0.88	44840	1660	369	311	11973	3365	2340	5.3	3.6
						:38.0-38.74 = very blebby cpy/po (10%)		59	37.30	38.00	0.70	44841	1797	445	378	11329	4643	2620	4.8	2.4
								60	38.00	38.74	0.74	44842	1944	387	364	11979	5493	2695	5.3	2.2
								61	38.74	39.49	0.75	44843	1862	315	344	9825	3215	2521	5.4	3.1
								62	39.49	40.13	0.64	44844	1834	207	325	7705	3111	2366	5.6	2.5

Property: Jackie Rastall | Hole No.: JR99-01 | Grid North: 0 | Test Type: none
Location: Janes Twp. | Bearing: 300 | Grid East: 29 | Depth: | Result:
Started: April 23, 1999 | Dip: -46 | | Depth: | Result:
Completed: April 23, 1999 | Casing: 4m | Boxes: 16 | Depth: | Result:
Core Size: NQ | Depth: 68m | | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.38m | | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
40.13	46.35	5-10	50	50	gabbro-sed breccia?	fg-mg gabbro with 5-15% sed. fragments	80	63	40.13	40.73	0.60	44631	3527	272	486	10491	5214	4285	7.3	2.0
						:altered gabbro with stringers of cpy/po+pn		chk 63	40.13	40.73	0.60	44631	3928	309	516			4753	7.6	
						:locally ~15% sulphide		avg 63	40.13	40.73	0.60	44631	3728	290.5	501			4519	7.4	
						:talc-carbonate fracture fill with stringer cpy/po		64	40.73	41	0.27	44632	5830	329	571	4232	3493	6730	10.2	1.2
						:40.13-40.73 = mainly cpy bleb/stringers		chk 64	40.73	41	0.27	44632	5697	267	627			6591	9.1	
								avg 64	40.73	41	0.27	44632	5764	298	599			6681	9.6	
						:41.62-41.87 = sulphide breccia with 70% cpy		65	41.00	41.62	0.62	44633	5394	293	589	13885	4312	6276	9.2	3.2
						as cement in sed-gabbro breccia; marcasite		chk 65	41	41.62	0.62	44633	5132	368	491			5991	10.5	
						pyrite and spots of sphalerite?; sed fragments		avg 65	41	41.62	0.62	44633	5263	330.5	540			6134	9.7	
						and "washed out" altered gabbro		66	41.62	41.87	0.25	44634	2083	30	274	101016	1717	2387	7.6	58.8
								67	41.87	42.09	0.22	44635	4513	35	510	7051	2406	5058	8.8	2.9
						:41.87-42.09 = 20% is sulphide breccia with		chk 67	41.87	42.09	0.22	44635	4551	27	459			5037	9.9	
						remainder of sample as fg sed-gabbro		avg 67	41.87	42.09	0.22	44635	4532	31	484.5			5048	9.4	
						:42.09-42.57 = fg-mg gabbro breccia with 10 to		68	42.09	42.57	0.48	44636	2501	81	347	19086	2064	2929	7.2	9.2
						15% stringer cpy > bleb cpy/po; aplitic dyke?		69	42.57	43.24	0.67	44637	2762	200	387	8380	2294	3349	7.1	3.7
						:42.57-43.24 = 10-20% bleb cpy/po and less		70	43.24	43.59	0.35	44638	3484	26	565	2261	2337	4075	6.2	1.0
						stringer cpy		chk 70	43.24	43.59	0.35	44638	2628	20	427			3075	6.2	
						:43.24-43.59 = 10-20% b.s.+d.s. in breccia		avg 70	43.24	43.59	0.35	44638	3056	23	496			3575	6.2	
						:43.59-43.85 = mainly diss. cpy,py,po in fg		71	43.59	43.85	0.26	44639	1733	21	241	988	1206	1995	7.2	0.8
						sed-gabbro breccia		72	43.85	44.77	0.92	44640	1890	23	280	759	892	2193	6.8	0.9
						43.85-44.77 = sed-gabbro breccia with Q-C		chk 72	43.85	44.77	0.92	44640	2260	15	282			2557	8.0	
						veins and albitized regions; 5-10% stringer cpy		avg 72	43.85	44.77	0.92	44640	2075	19	281			2375	7.4	
						with ~10% diss. py,cpy,po; rare sphalerite		73	44.77	45.25	0.48	44641	276	0	52	163	537	328	5.3	0.3
								74	45.25	46.35	1.10	44642	1792	18	251	110	1478	2061	7.1	0.1
						:~45% core loss from 45.25-46.35														

Property: Jackie Rastall | Hole No.: JR99-01 | Grid North: 0 | Test Type: none
Location: Janes Twp. | Bearing: 300 | Grid East: 29 | Depth: | Result:
Started: April 23, 1999 | Dip: -46 | | Depth: | Result:
Completed: April 23, 1999 | Casing: 4m | Boxes: 16 | Depth: | Result:
Core Size: NQ | Depth: 68m | | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.38m | | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
46.36	50.05	3-5	55	45	gabbro to hyp-gabbro	mg; massive; local felsic mg gabbro patches	98	75	46.35	47.11	0.76	44643	3709	181	462	5221	3168	4352	8.0	1.6
						:diss. and bleb cpy-po+pn; minor Q-C veinlets		chk 75	46.35	47.11	0.76	44643	3456	133	420			4009	8.2	
						:up to 3mm diam. bleb po>cpy		avg 75	46.35	47.11	0.76	44643	3583	157	441			4181	8.1	
						:<5% hypersthene and <1% quartz		76	47.11	47.87	0.76	44644	1996	157	274	3611	1466	2427	7.3	2.5
								77	47.87	48.72	0.85	44645	2701	191	342	5624	2206	3234	7.9	2.5
								78	48.72	49.76	1.04	44646	3299	207	417	6235	2633	3923	7.9	2.4
50.05	57.67	<1	50	50	gabbro	mg; massive; ~2% quartz; sharp upper contact	100	chk 78	48.72	49.76	1.04	44646	3112	199	410			3721	7.6	
						:gradational drop in sulphides over 10 cm		avg 78	48.72	49.76	1.04	44646	3206	203	413.5			3822	7.8	
						marks contact		79	49.76	50.05	0.29	44647	2151	165	326	4100	1743	2642	6.6	2.4
						:gradually finer-grained downhole		80	50.05	51.08	1.03	44648	62	12	21	170	93	95	3.0	1.8
						:locally ~1% finely diss. po-cpy		81	51.08	52.03	0.95	44649	0	7	0	126	64	7		2.0
								chk 81	51.08	52.03	0.95	44649	22	5	0			27		
								avg 81	51.08	52.03	0.95	44649	11	6	0			17		
								82	52.03	53.19	1.16	44650	22	5	0	115	74	27		1.6
57.67	62.93	<1	50	50	gabbro	fg; massive; contact with upper gabbro is	100	83	53.19	54.48	1.29	none	18	0	16	118	77	34	1.1	1.5
						gradational over ~15-25 cm; finely diss. cpy		84	54.48	55.75	1.27	none	13	0	0	86	65	13		1.3
						and po		85	55.75	56.70	0.95	none	11	0	0	116	77	11		1.5
						:57.97-58.08 = sed. fragment		86	56.70	57.67	0.97	none	16	0	0	123	76	16		1.6
						:locally near mg gabbro		87	57.67	58.79	1.12	none	14	0	0	125	85	14		1.5
						:minor hematitic staining		88	58.79	59.95	1.16	none	13	0	0	105	71	13		1.5
						:local <1cm wide Q-C veins with <1% sulphide		89	59.95	60.96	1.01	none	12	0	0	103	74	12		1.4
						:62.10-62.69 = chilled gabbro		90	60.96	62.10	1.14	none	12	0	0	102	70	12		1.5
						:62.69-62.93 = sed. fragment & hematitic		chk 90	60.96	62.10	1.14	none	12	0	0			12		
						brecciated gabbro; 2% cpy stringers & d.s.		avg 90	60.96	62.10	1.14	none	12	0	0			12		
								91	62.10	62.69	0.59	none	13	0	0	136	70	13		1.9
								92	62.69	62.93	0.24	none	0	9	0	240	79	9		3.0

Property: Jackie Rastall
Location: Janes Twp.
Started: April 23, 1999
Completed: April 23, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-01
Bearing: 300
Dip: -46
Casing: 4m
Depth: 68m
Elevation: 10.38m

Grid North: 0
Grid East: 29

Boxes: 16

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
62.93	66.35	<1	50	50	gabbro	mg; massive; 5% qtz; finely diss. cpy-po	100	93	62.93	64.01	1.08	none	23	0	15	103	74	38	1.5	1.4
						:minor bleb po; finer-grained downhole		94	64.01	65.06	1.05	none	54	7	16	148	76	77	3.4	1.9
						:local alteration of gabbro		95	65.06	66.35	1.29	none	244	15	28	415	145	287	8.7	2.9
								96	66.35	67.23	0.88	none	181	5	0	119	101	186		1.2
66.35	68.08	<1	50	50	gabbro	fg; massive; locally near mg	100	97	67.23	68.08	0.85	none	14	0	0	90	65	14		1.4
								97	67.23	68.08	0.85	none								
						EOH														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 16, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-02
Bearing: 340
Dip: -52
Casing: none
Depth: 24m
Elevation: 5.45m

Grid North: 181
Grid East: 12

Boxes: 6

Test Type: Acid
Depth: 20m Result: -51
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	0.50	--	--	--	--	lost core	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.50	0.82	1	--	--	sed-gabbro breccia	mg; vari-textured? gabbro with sed. fragments :seds are fg arkosic sandstone/conglomerate :minor stringer cpy and coarse cpy-po blebs	50	1	0.50	0.82	0.32	44676	447	48	76	1991	126	571	5.882	15.8
0.82	1.32	--	--	--	--	lost core	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1.32	1.66	1	50	50	sed-gabbro breccia	fg-mg; possible chilled gabbro fragments with sed fragments :mainly blebs of cpy-po+pn :some sulphide cpy-po seggregation :some finely diss. cpy-po+pn	98	2	1.32	1.66	0.34	44677	651	59	85	4456	266	795	7.659	16.75
1.66	2.00	1	50	50	sed-gabbro breccia	fg-mg; gabbro with <50% sed fragments :sulphides as stringers of cpy-po but with blebs and d.s. :sulphides along contacts with sed fragments :<3mm wide veinlets of pseudotachylite?	98	3 check 3 avg 3	1.66 1.66 1.66	2.00 2.00 2.00	0.34 0.34 0.34	44678 44678 44678	14 0 7	6 5 5.5	0 0 0	497	74	20 5 12.5		6.716
2.00	2.50	1	45	55	sed-gabbro breccia	fg-mg; gabbro with sed. fragments :stringer po-cpy and diss. cpy-po+pn :<2mm wide veinlets of pseudotachylite?	90	4	2.00	2.50	0.50	44679	0	303	0	1065	182	303		5.852
2.50	2.85	1	40	60	sed-gabbro breccia	mg; epidote rich gabbro with sed fragments :patches of cg gabbro :generally finely diss. cpy-po; some stringers :veinlets of pseudotachylite?	95	5	2.50	2.85	0.35	44680	391	44	68	1774	477	503	5.75	3.719

Property: Jackie Rastall | Hole No.: JR99-02 | Grid North: 181 | Test Type: Acid
Location: Janes Twp. | Bearing: 340 | Grid East: 12 | Depth: 20m | Result: -51
Started: April 16, 1999 | Dip: -52 | Depth: | Result:
Completed: April 16, 1999 | Casing: none | Boxes: 6 | Depth: | Result:
Core Size: NQ | Depth: 24m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 5.45m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
2.85	3.90	<1	--	--	sed-gabbro breccia	mg; gabbro (20%) with sed. fragments (80%)	85	9	2.85	3.36	0.51	44771	610	61	128	742	339	799	4.766	2.189
						: minor finely diss. cpy-po; rare stringers cpy		10	3.36	3.90	0.54	44772	20	0	0	117	53	20		2.208
						:lower contact with massive seds is sharp														
						into arkosic sandstone														
3.90	6.50	1-3	--	--	sediment	arkosic sandstone; localized shear at 60 to CA	90	11	3.90	4.60	0.70	44773	0	7	0	348	86	7		4.047
						:rare gabbro fragment and qtz veining		12	4.60	5.10	0.50	44774	0	0	0	444	63	0		7.048
						:localized cpy stringers and diss. cpy-po		13	5.10	5.60	0.50	44775	0	0	0	62	54	0		1.148
								14	5.60	6.20	0.60	44776	0	0	0	92	70	0		1.314
								15	6.20	6.50	0.30	44777	53	11	0	284	173	64		1.642
6.50	6.87	--	--	--	shear zone breccia?	core loss in broken up regolithic material	10													
						:lost ~9cm core; ozidized fragments														
						:highly sheared and fragmented to ~6.87m														
6.87	7.64	<1	50	50	gabbro	mg; massive; lower contact is chilled gabbro	90	16	6.87	7.64	0.77	44778	285	46	72	1389	352	403	3.958	3.946
						and/or seds over ~8 cm														
						:7.58-7.64 = chilled gabbro? seds?														
7.64	7.78	--	--	--	shear zone breccia?	lost core - possibly breccia or shear zone	10													
						:lost ~0.38 m														
7.78	9.92	1-2	50	50	gabbro	mg; finer-grained downhole; contact with	98	17	7.78	8.48	0.70	44779	1234	199	213	2294	643	1646	5.793	3.568
						sulphide zone is sheared/fragmented		18	8.48	8.82	0.34	44780	1174	245	210	2225	670	1629	5.59	3.321
						: <10% sed. fragments - localized diss. cpy-po		chk 18	8.48	8.82	0.34	44780	1136	248	205	193		1589	5.541	
						and some stringers/blebs		avg 18	8.48	8.82	0.34	44780	1155	246.5	207.5			1609	5.566	
								19	8.82	9.42	0.60	44781	233	16	78	685	230	327	2.987	2.978
								20	9.42	9.92	0.50	44782	42	8	26	193	132	76	1.615	1.462

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 16, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-02
Bearing: 340
Dip: -52
Casing: none
Depth: 24m
Elevation: 5.45m

Grid North: 181
Grid East: 12

Boxes: 6

Test Type: Acid
Depth: 20m Result: -51
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
9.92	10.13	45	70	30	melagabbro	mg; qtz veinlets throughout; sed fragments (5%) & stringer to coarse blebs of cpy>>po/pn (80%) :segregation of cpy and po with diss. cpy/po+pn	100	6	9.92	10.13	0.21	44681	8831	996	1100	40762	3258	10927	8.028	12.5
10.13	10.56	70	75	25	melagabbro	mg; increased mineralization; pn+po>cpy with diss. cpy-po+pn and coarse blebs :cpy mainly as stringers; cumulate po-pn patches :<10% sed. fragments, some up to 3cm :lower contact with seds is sharp :possibly a large sed fragment followed by sed-gabbro breccia zone	100	7	10.13	10.35	0.22	44682	1579	63	1253	35745	22093	2895	1.26	1.618
								8	10.35	10.56	0.21	44683	1558	28	327	24472	24555	1913	4.765	0.997
10.56	11.00	1-3	--	--	gabbro-sed breccia	fg; arkosic sandstone; <<1% diss. py,po,cpy but locally up to 3% sulphide fg gabbro fragments :seds are massive to locally sheared	98	21	10.56	11.00	0.44	44783	457	17	43	742	177	517	10.63	4.192
11.00	24.40	<1	--	--	sediments	fg; arkosic sandstone; <1% diss. py, cpy, po :massive; possible interbedded with conglomerate and greywacke	98	22	11.00	11.50	0.50	44784	0	0	0	139	63	0		2.206
								23	11.50	12.10	0.60	44785	0	0	0	72	49	0		1.469
								24	12.10	12.80	0.70	44786	0	0	0	42	62	0		0.677
								25	12.80	13.60	0.80	44845	0	0	0	127	108	0		1.176
						EOH		26	14.54	15.36	0.82	44846	0	0	0	52	43	0		1.209
								27	16.00	16.58	0.58	44847	0	0	0	53	47	0		1.128
								28	17.33	17.91	0.58	44848	0	0	0	40	44	0		0.909
								29	18.48	19.19	0.71	44849	0	0	0	36	41	0		0.878
								30	19.85	20.50	0.65	44850	0	0	0	27	47	0		0.574
								31	20.92	21.60	0.68	44851	0	0	0	22	17	0		1.294
								32	23.65	24.31	0.66	44852	0	0	0	30	43	0		0.698

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 16, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-03
Bearing: 0
Dip: -90
Casing: none
Depth: 14m
Elevation: 6.45m

Grid North:189
Grid East: 7

Boxes: 4

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	0.55	5-15	65	35	gabbro	mg; massive; local shear/breccia; possibly vari-textured; diss cpy/po+pn and bleb cpy-po :local remobilization as cpy stringers :contact between diss sulphides and semi-massive sulphides is ~45 to CA	100	1	0.00	0.27	0.27	44651	5688	315	1949	12213	4646	7952	2.9	2.6
								2	0.27	0.55	0.28	44652	2908	192	1234	17416	10833	4334	2.4	1.6
0.55	0.81	98	--	--	msv sulphide	massive pentlandite (non-magnetic so not po?) and cpy; mafic 2mm diam. inclusions :contact with gabbro is sheared	40	3	0.55	0.81	0.26	44653	5153	1526	1249	3370	20559	7928	4.1	0.2
0.81	1.11	15	90	10	melagabbro	mg?; mainly interstitial to bleb sulphides of pn+po>cpy; segregation of cpy and po/pn	75	4	0.81	1.11	0.30	44654	3793	277	721	10297	16957	4791	5.3	0.6
1.11	1.54	5-15	75	25	melagabbro	mg; diss and bleb pn+po>cpy; veinlets of cpy :1.18 to 1.26 = vein of msv sulphide at 45 to CA consisting of po+pn>cpy :1.30-1.38 = 70% diss. cpy/po+pn with veinlets of msv po+pn>cpy	95	5	1.11	1.54	0.43	44655	3012	693	596	14504	14361	4301	5.1	1.0
1.54	1.76	5	55	45	gabbro	mg; massive; diss. cpy with blebs of cpy/po :lower contact marked by decrease in sulphide over several cm	95	6	1.54	1.76	0.22	44656	6243	1833	1069	14146	1276	9145	5.8	11.1
1.76	2.05	1-2	50	50	vt gabbro	mg; likely vari-textured; bleb cpy with diss. po cpy; massive; lower contact marked by cg gabbro and increase in sulphide	100	7	1.76	2.05	0.29	44657	626	58	57	1136	150	741	11.0	7.6

Property: Jackie Rastall | Hole No.: JR99-03 | Grid North:189 | Test Type: none
Location: Janes Twp. | Bearing: 0 | Grid East: 7 | Depth: Result:
Started: April 16, 1999 | Dip: -90 | Depth: Result:
Completed: April 16, 1999 | Casing: none | Boxes: 4 | Depth: Result:
Core Size: NQ | Depth: 14m | Depth: Result: | Logged By: L.S. Jobin-Bevans
Contractor: NDS Drilling - Timmins | Elevation: 6.45m | Depth: Result:

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
2.05	2.35	45	65	35	melagabbro	mg; possibly with blue qtz eyes; mainly bleb cpy/po+pn with radiating stringers of cpy and diss. cpy/po :cumulate sulphide grains preserved along with segregation of sulphide cpy-po	98	8	2.05	2.35	0.30	44658	32578	381	1622	30196	12100	34581	20.1	2.5
2.35	2.56	45	75	25	melagabbro	mg; possible blue quartz eyes; finer-grained gabbro downhole toward contact with cg gabbro :lower contact gradational over 2 cm :minor stringer cpy	100	9	2.35	2.56	0.21	44659	14315	177	1012	14475	9980	15504	14.1	1.5
2.56	3.06	1	40	60	leucogabbro	mg; possible vari-textured; bleb to diss. cpy/po	98	10	2.56	3.06	0.50	44660	701	71	241	1763	514	1013	2.9	3.4
								chk 10	2.56	3.06	0.50	44660	633	112	286			1031	2.2	
								avg 10	2.56	3.06	0.50	44660	667	91.5	263.5			1022	2.5	
3.06	3.56	<1	40	60	leucogabbro	mg; possible vari-textured; bleb to diss. cpy/po	100	11	3.06	3.56	0.50	44661	85	9	0	1051	159	94		6.6
3.56	3.84	~1	50	50	gabbro	mg; patches of cg gabbro; vari-textured?; mainly diss. cpy/po; lower 7 cm is altered with blebs of po/pn>cpy; contact with lower shear=50 to CA	95	12	3.56	3.84	0.28	44662	112	13	19	520	352	144	5.9	1.5
3.84	3.93	~15	--	--	shear zone	stringers of po+pn>cpy with qtz and Q-C veins :cumulate sulphide grains within shear :lower contact with gabbro is sharp	100	13	3.84	3.93	0.09	44663	5249	263	171	13257	7618	5683	30.7	1.7
3.93	4.43	~1	30	70	leucogabbro	fg-mg; finely diss cpy/po; brecciated by Q-C veinlets; fractures increase downhole	100	14	3.93	4.43	0.50	44664	68	20	0	386	129	88		3.0

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 16, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-03
Bearing: 0
Dip: -90
Casing: none
Depth: 14m
Elevation: 6.45m

Grid North:189
Grid East: 7

Boxes: 4

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
4.43	4.65	<1	30	70	leucogabbro	same as previous; lower contact gradational over 2 cm to cg gabbro; possible sed fragments	100	15	4.43	4.65	0.22	44665	10	0	0	112	96	10		1.2
4.65	5.23	<1	40	60	leucogabbro	mg; massive; finely diss. cpy/po; rare cpy/po stringers a/w Q-C veinlets/fractures	95	16	4.65	5.23	0.58	44666	662	86	85	1711	494	833	7.8	3.5
5.23	5.72	<1	50	50	gabbro	mg; finely diss cpy/po; massive; some Q-C veins	95	17	5.23	5.72	0.49	44667	25	8	0	142	68	33		2.1
5.72	6.27	<1	50	50	gabbro	mg; massive; finely diss. cpy/po/py; lower contact with seds has chilled gabbro over several cm; contact not well defined :brecciation in area of contact with Q-C veinlets	100	18	5.72	6.27	0.55	44668	0	5	0	149	70	5		2.1
6.27	6.58	2-3	--	--	sediment	fg; arkosic sandstone; may be some chilled gabbro clasts :contact with gabbro is chilled over ~8 cm	95	19	6.27	6.58	0.31	44669	0	8	0	392	81	8		4.8
								chk 19	6.27	6.58	0.31	44669	0	7	0			7		
								avg 19	6.27	6.58	0.31	44669	0	7.5	0			7.5		
6.58	6.92	1	--	--	sediment	fg; arkosic sandstone; Q-C veinlets a/w cpy stringers at 65 to CA	95	20	6.58	6.92	0.34	44670	577	60	104	8497	176	741	5.5	48.3
6.92	7.42	5	--	--	sediment	arkosic sandstone; 5% Q-C veinlets and finely diss. po+py; blebs of cpy/po are rare	95	21	6.92	7.42	0.50	44671	105	6	0	0	116	111		0.0

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 16, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-03
Bearing: 0
Dip: -90
Casing: none
Depth: 14m
Elevation: 6.45m

Grid North: 189
Grid East: 7

Boxes: 4

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
7.42	8.00	2	–	–	sediment	same as previous but with <1% Q-C veinlets :stringers of cpy at ~8.0m	100	22	7.42	8.00	0.58	44672	2854	43	198	1976	106	3095	14.4	18.6
8.00	8.68	3-5	–	–	sediment	fg; arkosic sandstone; 15% btrecciated with Q-C veins and aplitic dyke?; stringers of cpy/po a/w Q-C veinlets/fractures; generally 5% diss. po/py/cpy :locally sheared at 70 to CA; less Q-C downhole	95	23	8.00	8.68	0.68	44673	704	126	294	10480	157	1124	2.4	66.8
8.68	8.74	3	–	–	aplitic dyke	sodic dyke? - possibly aplitic; has brecciated fragments of seds within; sphalerite and cpy stringers (2%)	100	26	8.68	8.74	0.06	44826	0	41	0	1799	36	41		50.0
								chk 26	8.68	8.74	0.06	44826	0	25	0					
								avg 26	8.68	8.74	0.06	44826	0	33	0					
8.74	9.50	1-2	–	–	sediment	fg; arkosic sandstone; mainly diss po>cpy :locally up to 2% cpy/po blebs :core is fragmented and blocky :locally sheared at 50 to 70 to CA :stringers of cpy a/w Q-C veinlets at 9.10m	95	24	8.74	9.50	0.76	44674	24	9	0	504	118	33		4.3
9.50	14.00	1-3	–	–	sediment	fg; arkosic sandstone; mainly finely diss. py/po :rare stringers of cpy and bleb cpy :locally grains of po/py/cpy up to 3%	100	27	9.50	10.50	1.00	44829	0	0	0	85	100	0		0.9
								28	10.50	11.00	0.50	44830	0	0	0	49	49	0		1.0
								25	11.00	11.50	0.50	44675	0	0	0	59	48	0		1.2
								29	11.50	12.00	0.50	44831	0	0	0	41	51	0		0.8
								30	12.00	13.00	1.00	44832	0	0	0	63	49	0		1.3
								31	13.00	14.00	1.00	44833	0	0	0	67	53	0		1.3
						EOH														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 20, 1999
Completed: April 22, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-04
Bearing: 0
Dip: -90
Casing: 5m
Depth: 245m
Elevation: 16.0m

Grid North: -29
Grid East: 170

Boxes: 57

Test Type: Acid
Depth: 101m Result: -90
Depth: 242m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	4.40	–	–	–	–	casing/lost core	0	–	–	–	–	–	–	–	–	–	–	–	–	–
4.40	55.16	1	55	45	gabbro to hyp-gabbro	mg; massive; cm scale "layers" of felsic and mafic gabbro	95	1	4.50	5.58	1.08	47423	0	0	0	136	34	0		4.0
								2	8.31	9.12	0.81	47424	0	6	0	258	130	6		2.0
						:locally <5% biotite		3	11.67	12.13	0.46	47425	10	10	0	238	139	20		1.7
						:<1% quartz		4	14.27	14.78	0.51	47426	14	9	0	312	156	23		2.0
						:patches of altered gabbro with "washed out" gabbro alteration (chloritized)		5	19.44	19.91	0.47	47427	0	6	0	146	91	6		1.6
								6	22.24	22.70	0.46	47428	0	0	15	257	133	15		1.9
						:vari-textured gabbro at 15m within mg gabbro to hyp-gabbro		7	23.47	24.00	0.53	47429	11	7	0	291	118	18		2.5
								8	24.00	24.52	0.52	47430	17	19	17	779	257	53	1.0	3.0
						:generally <5% hypersthene phenocrysts		9	24.52	25.07	0.55	47431	23	29	21	1283	415	73	1.1	3.1
						:increasing mafic mineral content downhole		chk 9	24.52	25.07	0.55	47431	23	29	16			68	1.4	
								avg 9	24.52	25.07	0.55	47431	23	29	18.5			70.5	1.2	
						:23.75-25.0 = vt gabbro with bleb and diss po-cpy in locally cg gabbro patches; with 5-15% diss sulphide also in host mg gabbro		10	25.07	25.58	0.51	47432	14	10	0	429	145	24		3.0
								11	26.31	26.86	0.55	47433	0	7	0			7		
								12	27.59	28.12	0.53	47434	10	9	0			19		
								13	28.86	29.30	0.44	47435	0	10	0			10		
						:at 25m = back into mg hyp gabbro with 2% bleb and diss. po-cpy; locally 5% diss. cpy/po		14	31.12	31.65	0.53	47436	12	11	17			40	0.7	
								15	32.40	32.93	0.53	47437	15	13	0			28		
								16	33.44	33.95	0.51	47438	15	16	40			71	0.4	
						:patchy "blue quartz eyes" (3-5%) - not necessarily a/w sulphides; local white mica patches		17	34.68	35.20	0.52	47439	13	13	26			52	0.5	
								18	35.96	36.47	0.51	47440	16	16	32			64	0.5	
								chk 18	35.96	36.47	0.51	47440	16	17	28			61	0.6	
								avg 18	35.96	36.47	0.51	47440	16	16.5	30			62.5	0.5	
						:locally 2% diss. po>cpy throughout unit		19	37.22	37.72	0.50	47441	19	16	26			61	0.7	
								20	38.47	38.92	0.45	47442	17	17	27	342	116	61	0.6	2.9
								21	39.67	40.18	0.51	47443	12	10	21			43	0.6	
								22	40.88	41.40	0.52	47444	15	13	27			55	0.6	

Property: Jackie Rastall | Hole No.: JR99-04 | Grid North: -29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 170 | Depth: 101m Result: -90
Started: April 20, 1999 | Dip: -90 | Depth: 242m Result: -90
Completed: April 22, 1999 | Casing: 5m | Boxes: 57 | Depth: Result:
Core Size: NQ | Depth: 245m | Depth: Result: Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 16.0m | Depth: Result: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
								23	42.14	42.66	0.52	47445	21	20	34			75	0.6	
cont	55.16	1	55	45	gabbro to hyp-gabbro	:lower contact marked by gradual increase in felsic minerals and decrease in sulphides	100	24	43.34	43.86	0.52	47446	13	8	24			45	0.5	
								25	44.63	45.15	0.52	47447	14	10	28			52	0.5	
								26	45.93	46.42	0.49	47448	17	14	39			70	0.4	
								27	47.35	47.86	0.51	47449	28	18	30			76	0.9	
								chk 27	47.35	47.86	0.51	47449	28	19	35			82	0.8	
								avg 27	47.35	47.86	0.51	47449	28	18.5	32.5			79	0.9	
								28	48.64	49.17	0.53	47450	29	20	41			90	0.7	
								29	49.93	50.43	0.50	47451	30	17	39			86	0.8	
								30	51.20	51.68	0.48	47452	28	17	0	206	127	45		1.6
								31	53.61	54.16	0.55	47453	41	17	20			78	2.1	
								32	54.61	55.16	0.55	47454	22	14	0			36		
55.16	110.00	<1	40	60	gabbro to hyp-gabbro	mg; massive; local <0.5m layers of mafic gabbro within more felsic gabbro	98	33	55.85	56.35	0.50	47455	28	17	0			45		
								34	56.35	56.84	0.49	47456	25	14	15			54	1.7	
								35	62.30	62.77	0.47	47457	24	13	26			63	0.9	
						:62.77 = begins to become finer-grained gabbro with heavy epidotization. localized shears at 45 to CA		36	65.99	66.49	0.50	47458	26	6	28			60	0.9	
								chk 36	65.99	66.49	0.50	47458	25	6	28			59	0.9	
								avg 36	65.99	66.49	0.50	47458	25.5	6	28			59.5	0.9	
								37	70.65	71.18	0.53	47459	15	7	18			40	0.8	
						:70.5-75.0 = slightly more mafic with local bleb and diss. po>>cpy (1% max)		38	72.03	72.51	0.48	47460	16	63	19			98	0.8	
								39	73.27	73.78	0.51	47461	25	14	27			66	0.9	
								40	74.54	75.04	0.50	47462	30	25	26	382	154	81	1.2	2.5
						:localized cg patches of gabbro with 1% diss. and bleb po>cpy (e.g. 75.78 to 76.35m)		41	75.78	76.34	0.56	47463	16	9	19			44	0.8	
								42	78.34	78.87	0.53	47464	12	8	0	148	64	20		2.3
								43	80.81	81.34	0.53	47465	28	15	21			64	1.3	
						:lower contact is gradational into gabbro		44	84.92	85.46	0.54	47466	21	12	20			53	1.1	
								45	88.73	89.25	0.52	47467	38	15	33			86	1.2	
								46	92.55	93.06	0.51	47468	47	11	36			94	1.3	

Property: Jackie Rastall | Hole No.: JR99-04 | Grid North: -29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 170 | Depth: 101m Result: -90
Started: April 20, 1999 | Dip: -90 | Depth: 242m Result: -90
Completed: April 22, 1999 | Casing: 5m | Boxes: 57 | Depth: Result:
Core Size: NQ | Depth: 245m | Depth: Result: Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 16.0m | Depth: Result: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
110.00	115.50	<1	40	60	gabbro	mg; massive; heavy epidotization than previous	100	47	95.11	95.59	0.48	47469	34	10	37			81	0.9	
						:lower gradational contact into mafic gabbro		48	97.88	98.43	0.55	47470	59	19	37			115	1.6	
								49	101.39	101.92	0.53	47471	43	8	36			87	1.2	
115.50	128.25	<1	60	40	gabbro to hyp-gabbro	mg; massive; gradational lower contact marked	100	50	101.01	104.53	3.52	47472	35	6	30			71	1.2	
						by increasing dark gabbro		51	108.73	109.21	0.48	47474	47	0	34			81	1.4	
						:locally 5% hypersthene phenocrysts		chk 51	108.73	109.21	0.48	47474	44	6	35			85	1.3	
						:gradational lower contact		avg 51	108.73	109.21	0.48	47474	45.5	3	34.5			83	1.3	
								52	111.10	111.62	0.52	47475	47	5	40	101	86	92	1.2	1.2
128.25	132.25	<1	50	50	gabbro	mg; massive; very "green" gabbro	100	53	114.94	115.48	0.54	47476	35	0	34			69	1.0	
						:lower contact is gradational														
								54	117.41	117.94	0.53	47477	59	6	41			106	1.4	
								55	120.11	120.61	0.50	47478	79	7	41			127	1.9	
								56	122.59	123.08	0.49	47479	112	20	38			170	2.9	
								57	126.13	126.62	0.49	47480	124	12	39			175	3.2	
								58	127.35	127.87	0.52	47481	49	5	31			85	1.6	
								59	129.87	130.38	0.51	47482	59	8	26			93	2.3	
132.25	206.45	<1	60	40	hyp-gabbro to gabbro	mg; massive; darker gabbro than previous	98	60	132.41	132.91	0.50	47483	74	11	29			114	2.6	
						:locally 1% finely diss. po-cpy		chk 60	132.41	132.91	0.50	47483	75	6	33			114	2.3	
								avg 60	132.41	132.91	0.50	47483	74.5	8.5	31			114	2.4	
						:137.07-137.69 = shear zone at 45 to CA		61	133.67	134.21	0.54	47484	133	14	31			178	4.3	
						sheared gabbro with grey quartz>>carb veins		62	137.47	138.00	0.53	47485	64	0	29	74	105	93	2.2	0.7
						and 10cm sericitized/chloritized area with 5%		63	138.75	139.28	0.53	47486	69	6	30			105	2.3	
						py-cpy-po		64	143.89	144.39	0.50	47487	23	0	0			23		
								65	146.46	146.97	0.51	47488	44	0	0			44		
						:142 = 20cm quartz vein with fuchsite along		66	151.98	152.50	0.52	47489	43	0	0			43		
						fracture/edge		67	155.01	155.50	0.49	47490	66	5	21			92	3.1	

Property: Jackie Rastall | Hole No.: JR99-04 | Grid North: -29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 170 | Depth: 101m | Result: -90
Started: April 20, 1999 | Dip: -90 | Depth: 242m | Result: -90
Completed: April 22, 1999 | Casing: 5m | Boxes: 57 | Depth: | Result:
Core Size: NQ | Depth: 245m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 16.0m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
cont	206.45	<1	60	40	hyp-gabbro to gabbro	:continued from previous	98	68	159.02	159.51	0.49	47491	40	0	0			40		
								69	163.73	164.24	0.51	47492	24	0	0			24		
						:148.37-150.07 = felsic gabbro (50:50) layer		chk 69	163.73	164.24	0.51	47492	32	0	0			32		
								avg 69	163.73	164.24	0.51	47492	28	0	0			28		
								70	169.69	170.19	0.50	47493	22	0	0			22		
								71	173.39	173.88	0.49	47494	43	0	0			43		
						:increasing biotite to 5% downhole		72	176.97	177.49	0.52	47495	31	0	0	77	62	31		1.2
						:slightly more mafics downhole		73	181.88	182.28	0.40	47496	15	0	0			15		
						:199.38-202.41 = 1% diss. cpy-po		74	185.51	186.03	0.52	47497	17	0	0			17		
								75	186.75	187.29	0.54	47498	35	0	0			35		
								76	193.20	193.71	0.51	47499	11	0	0			11		
								77	196.94	197.44	0.50	47500	19	0	0			19		
								78	199.38	199.89	0.51	47501	90	43	33			166	2.7	
								chk 78	199.38	199.89	0.51	47501	92	46	39			177	2.4	
								avg 78	199.38	199.89	0.51	47501	91	44.5	36			171.5	2.5	
								79	200.64	201.16	0.52	47502	20	0	0			20		
								80	201.91	202.41	0.50	47503	34	12	15			61	2.3	
								81	205.84	206.35	0.51	47504	12	0	0			12		
206.45	216.00	<1	55	45	gabbro shear and alteration zone	variably sheared gabbro; quartz>carb. veins localized with areas of massive gabbro :local hematitic staining; most veins at 45 to CA :locally altered to "washed out" gabbro :locally fg to rare cg patch :209.5-209.6 = remobilized cpy-po-py a/w quartz>carb veining at 30 to CA; locally has semi-massive po+pn>cpy veins (whole core-did not split 209.48-209.50)	95	82	207.43	207.95	0.52	47505	15	0	0	78	92	15		0.8
								83	209.48	209.55	0.07	47506	11	0	0			11		
								84	209.87	210.38	0.51	47507	14	0	0			14		
								85	214.90	215.44	0.54	47508	25	10	22			57	1.1	

Property: Jackie Rastall | Hole No.: JR99-04 | Grid North: -29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 170 | Depth: 101m | Result: -90
Started: April 20, 1999 | Dip: -90 | Depth: 242m | Result: -90
Completed: April 22, 1999 | Casing: 5m | Boxes: 57 | Depth: | Result:
Core Size: NQ | Depth: 245m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 16.0m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
216.00	242.45	<1	50	50	gabbro	mg; massive; <5% hypersthene phenocrysts	100	86	216.11	216.61	0.50	47509	31	14	21			66	1.5	
						:<5% quartz; finely diss. po>>cpy that is		87	222.75	223.22	0.47	47510	11	0	16			27	0.7	
						generally <1% but locally 1%		chk 87	222.75	223.22	0.47	47510	13	0	15			28	0.9	
						:after 226m gabbro becomes very altered to		avg 87	222.75	223.22	0.47	47510	12	0	15.5			27.5	0.8	
						"washed out" gabbro texture		88	227.65	228.16	0.51	47511	12	0	18			30	0.7	
						:240.0-242.45 = very green gabbro		89	231.58	232.09	0.51	47512	11	0	0			11		
								90	235.54	236.07	0.53	47513	0	0	17			17	0.0	
						:after 226m gabbro becomes very altered to		91	239.41	239.91	0.50	47514	11	0	0			11		
						"washed out" gabbro texture		92	241.98	242.45	0.47	47515	0	0	0	142	101	0		1.4
						:240.0-242.45 = very green gabbro															
242.45	245.28	<1	–	–	sediment	fg; arkosic sandstone; diffuse upper contact	98	none													
						with gabbro; gabbro not apparently chilled															
						EOH															

Property: Jackie Rastall
Location: Janes Twp.
Started: April 24, 1999
Completed: April 24, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-05
Bearing: 280
Dip: -45
Casing: 2m
Depth: 63m
Elevation: 11.81m

Grid North: -213
Grid East: 60

Boxes: 13

Test Type: Acid
Depth: 63m Result: -40
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	2.75	--	--	--	--	casing; fragmented core	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.75	8.01	3-5	55	45	gabbro to hyp. gabbro	mg; massive; ~10% hypersthene; mainly bleb and diss. cpy-po; locally blebs up to 4mm in diameter; patches of "felsic" mg gabbro	100	1	2.75	3.49	0.74	none	2195	256	289	4408	2323	2740	7.6	1.9
								2	3.49	4.28	0.79	none	546	55	88	1576	740	689	6.2	2.1
								chk 2	3.49	4.28	0.79	none	603	52	93			748	6.5	
						:locally up to 10% sulphides and more mafic		avg 2	3.49	4.28	0.79	none	574.5	53.5	90.5			718.5	6.3	
						sections (~60:40)		3	4.28	5.21	0.93	none	265	20	53	781	351	338	5.0	2.2
						:well-developed sulphide (cpy-po) seggregation		4	5.21	6.31	1.10	none	611	47	102	2063	846	760	6.0	2.4
						in blebs		5	6.31	6.89	0.58	none	733	63	115	1662	828	911	6.4	2.0
								6	6.89	8.01	1.12	none	1158	134	187	3191	1401	1479	6.2	2.3
						:6.31 to 6.89 - decrease to <1% sulphide														
8.01	10.30	<1	50	50	gabbro	mg; massive; much greener than previous	90	7	8.01	8.77	0.76	none	349	39	72	943	368	460	4.8	2.6
						:mainly finely diss. cpy-po with rare blebs		8	8.77	9.57	0.80	none	317	32	58	642	313	407	5.5	2.1
						:locally darker gabbro with 2% sulphide		9	9.57	10.46	0.89	none	42	0	20	130	94	62	2.1	1.4
10.30	12.53	<1	?	?	alteration zone	mg?; washed out gabbro; possibly a breccia	90	10	10.46	11.53	1.07	47001	55	0	20	21	180	75	2.8	0.1
						:alteration produces faint remnants of gabbroic		11	11.53	12.53	1.00	47002	83	0	30	65	318	113	2.8	0.2
						textures, marked by "spots" of mafics (10%)		chk 11	11.53	12.53	1.00	47002	89	0	39			128	2.3	
						:spots likely phenocrysts of opx		avg 11	11.53	12.53	1.00	47002	86	0	34.5			120.5	2.5	
						:possible sediment fragments														
						:likely was hypersthene-gabbro														

Property: Jackie Rastall | Hole No.: JR99-05 | Grid North: -213 | Test Type: Acid
Location: Janes Twp. | Bearing: 280 | Grid East: 60 | Depth: 63m | Result: -40
Started: April 24, 1999 | Dip: -45 | Depth: | Result:
Completed: April 24, 1999 | Casing: 2m | Boxes: 13 | Depth: | Result:
Core Size: NQ | Depth: 63m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 11.81m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
12.53	18.79	~1	60	40	alteration zone	mg; hypersthene gabbro?; 10-20% hypersthene	90	12	12.53	13.74	1.21	47003	49	12	17	483	222	78	2.9	2.2
						:finely diss. cpy-po		13	13.74	14.94	1.20	47004	46	0	0	93	121	46		0.8
						:chloritized		14	14.94	16.07	1.13	47005	49	0	17	34	112	66	2.9	0.3
						:locally broken and fragmented core		15	16.07	17.13	1.06	47006	46	0	0	83	123	46		0.7
								16	17.13	18.37	1.24	47007	54	0	0	26	145	54		0.2
								17	18.37	18.79	0.42	47008	106	7	16	161	107	129	6.6	1.5
18.79	23.15	1-10	60	40	hyp. gabbro	mg; massive; 15-20% hypersthene; finely diss.	100	18	18.79	19.91	1.12	47009	123	16	22	362	166	161	5.6	2.2
						po>cpy		19	19.91	20.79	0.88	47010	118	30	18	967	384	166	6.6	2.5
						:increased sulphide patches start at 19.5m		20	20.79	21.85	1.06	47011	122	55	34	1725	683	211	3.6	2.5
						:~5% sulphide @20.5m increasing to 10%		chk 20	20.79	21.85	1.06	47011	114	52	46			212	2.5	
						after 21.0m		avg 20	20.79	21.85	1.06	47011	118	53.5	40			211.5	3.0	
						:after 23.15 sulphide becomes <5% sulphide		21	21.85	22.57	0.72	47012	89	38	33	1232	448	160	2.7	2.8
								22	22.57	23.15	0.58	47013	103	38	24	1227	479	165	4.3	2.6
23.15	27.59	1-5	60	40	hyp. gabbro	same as previous but with <5% sulphide	100	23	23.15	23.99	0.84	47014	171	31	34	1234	487	236	5.0	2.5
						:mainly finely diss. cpy-po with rare bleb cpy		24	23.99	24.66	0.67	47015	369	63	77	2523	847	509	4.8	3.0
						:locally up to 10% sulphide		25	24.66	25.61	0.95	47016	516	67	103	2174	943	686	5.0	2.3
						:increasing bleb sulphide downhole with well		26	25.61	26.41	0.80	47017	272	40	54	1376	648	366	5.0	2.1
						developed cpy-po segregation		27	26.41	27.18	0.77	47018	372	30	50	1141	544	452	7.4	2.1
						:localized "spotted" altered gabbro		28	27.18	27.59	0.41	47019	181	10	25	331	181	216	7.2	1.8

Property: Jackie Rastall | Hole No.: JR99-05 | Grid North: -213 | Test Type: Acid
Location: Janes Twp. | Bearing: 280 | Grid East: 60 | Depth: 63m | Result: -40
Started: April 24, 1999 | Dip: -45 | Depth: | Result:
Completed: April 24, 1999 | Casing: 2m | Boxes: 13 | Depth: | Result:
Core Size: NQ | Depth: 63m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 11.81m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
27.59	31.00	~1	55	45	alteration zone	mg; altered hypersthene gabbro?; 5-10% remnant hypersthene; mainly diss. cpy-po with minor blebs	98	29	27.59	28.34	0.75	47020	154	17	25	650	281	196	6.2	2.3
								chk 29	27.59	28.34	0.75	47020	152	19	29			200	5.2	
								avg 29	27.59	28.34	0.75	47020	153	18	27			198	5.7	
						:intermittent patches of altered chloritized gabbro		30	28.34	28.96	0.62	47021	219	11	44	324	423	274	5.0	0.8
								31	28.96	29.76	0.80	47022	266	0	54	13	555	320	4.9	0.0
						:localized stringers and veinlets of po>cpy a/w Q-C veinlets/fractures		32	29.76	30.32	0.56	47023	164	13	30	542	447	207	5.5	1.2
								33	30.32	31.00	0.68	47024	241	21	41	785	366	303	5.9	2.1
						:28.96 to 29.66 - about 50% of core lost and broken up like shear/fault zone														
						:alteration zone includes massive grey quartz veining at ~30m; possible sediment fragments														
31.00	34.52	1-2	60	40	hyp. gabbro	mg; massive; 5-10% hypersthene; mainly finely diss. cpy-po; minor bleb po>cpy	100	34	31.00	31.98	0.98	47025	276	22	47	771	308	345	5.9	2.5
								35	31.98	32.86	0.88	47026	334	36	60	1043	314	430	5.6	3.3
						:rare cpy stringers		36	32.86	33.76	0.90	47027	129	8	22	559	139	159	5.9	4.0
						:locally Q-C and chloritization, shear and hematitic staining		37	33.76	34.52	0.76	47028	16	0	0	90	66	16		1.4
34.52	35.75	<1	55	45	shear/fault zone	mg; altered gabbro; sheared strongly to ~80 and 45 to CA; strong hematitic staining	90	38	34.52	35.75	1.23	47029	19	0	0	82	77	19		1.1
								chk 38	34.52	35.75	1.23	47029	20	5	0			25		
						:hematitic gabbro breccia ~12cm wide		avg 38	34.52	35.75	1.23	47029	19.5	2.5	0			22		

Property: Jackie Rastall | Hole No.: JR99-05 | Grid North: -213 | Test Type: Acid
Location: Janes Twp. | Bearing: 280 | Grid East: 60 | Depth: 63m | Result: -40
Started: April 24, 1999 | Dip: -45 | Depth: | Result:
Completed: April 24, 1999 | Casing: 2m | Boxes: 13 | Depth: | Result:
Core Size: NQ | Depth: 63m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 11.81m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
35.75	45.74	<1	55	45	gabbro to hyp. gabbro	mg; massive; 1-5% hypersthen and ~1% qtz :finely diss. cpy-po with rare bleb po :spots of white mica and biotite	100	39	35.75	36.48	0.73	47030	16	0	0	126	74	16		1.7
								40	36.48	37.28	0.80	47031	22	0	0	83	60	22		1.4
								41	37.28	38.44	1.16	47032	25	0	0	95	71	25		1.3
								42	38.44	39.31	0.87	47033	20	0	0	86	62	20		1.4
								43	39.31	40.4	1.09	47034	16	0	0	111	73	16		1.5
								44	40.4	41.45	1.05	47035	17	0	0	89	72	17		1.2
								45	41.45	42.45	1.00	47036	57	0	0	90	66	57		1.4
								46	42.45	43.58	1.13	47037	20	0	0	107	62	20		1.7
								47	43.58	44.77	1.19	47038	11	0	0	111	71	11		1.6
								chk 47	43.58	44.77	1.19	47038	11	0	0			11		
								avg 47	43.58	44.77	1.19	47038	11	0	0			11		
								48	44.77	45.74	0.97	47039	15	0	0	122	64	15		1.9
45.74	47.74	<1	50	50	gabbro	fg-mg; finer-grained than previous; increased epidotization; 3-5% quartz; <2% hypersthene :gradational upper contact with mg gabbro	100	49	45.74	46.80	1.06	47040	16	0	0	102	68	16		1.5
								50	46.8	47.74	0.94	47041	15	0	0	103	72	15		1.4
47.74	53.09	<1	50	50	gabbro	fg-mg; red-stained feldspar; <2% hypersthene? :contact with previous gabbro is gradational over several cm :51.25 to 51.57 = hematitic stained gabbro breccia and shear zone; <10% lost core	100	51	47.74	48.78	1.04	47042	18	0	0	118	75	18		1.6
								52	48.78	49.88	1.10	47043	53	0	0	124	78	53		1.6
								53	49.88	50.80	0.92	47044	47	0	0	117	78	47		1.5
								54	50.80	51.83	1.03	47045	20	0	0	121	100	20		1.2
								55	51.83	53.09	1.26	47046	0	0	0	74	79	0		0.9

Property: Jackie Rastall
Location: Janes Twp.
Started: April 24, 1999
Completed: April 24, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-05
Bearing: 280
Dip: -45
Casing: 2m
Depth: 63m
Elevation: 11.81m

Grid North: -213
Grid East: 60

Boxes: 13

Test Type: Acid
Depth: 63m Result: -40
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
53.09	56.00	<1	50	50	gabbro	fg-mg; massive; increased shear and Q-C to quartz fracture fill downhole; ~5% quartz	100	56	53.09	54.09	1.00	47047	12	0	0	109	71	12		1.5
								chk 56	53.09	54.09	1.00	47047	12	0	0			12		
								avg 56	53.09	54.09	1.00	47047	12	0	0			12		
						:54.0m = increased veinlets of Q-C		57	54.09	55.1	1.01	47048	12	0	0	165	78	12		2.1
						:55.08 to 55.4 = hematitic stained shear zone		58	55.1	55.46	0.36	47049	13	8	0	85	95	21		0.9
						with Q-C veinlets and <1% sulphide		59	55.46	56.61	1.15	47050	0	5	0	131	68	5		1.9
						:localized shear at 45 to CA														
56.00	62.92	<1	55	45	gabbro	mg; massive; gradational contact with previous fg gabbro; increased to 3% biotite after 59m and ~2% hypersthene?	100	60	56.61	57.68	1.07	47051	0	0	0	124	52	0		2.4
								61	57.68	58.72	1.04	47052	0	6	0	163	68	6		2.4
								62	58.72	60.07	1.35	47053	0	6	0	191	62	6		3.1
								63	60.07	60.77	0.70	47054	0	8	0	158	65	8		2.4
						EOH		64	60.77	61.89	1.12	47055	0	9	0	159	57	9		2.8
								65	61.89	62.96	1.07	47056	0	5	0	164	65	5		2.5

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 17, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-06
Bearing: 300
Dip: -45
Casing: 10m
Depth: 47m
Elevation: 2.90m

Grid North: -31
Grid East: 9

Boxes: 9

Test Type: Acid
Depth: 47m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	10.00	–	–	–	–	casing	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10.00	15.64	5-10	55	45	hyp. gabbro to gabbro	mg; ~5% hypersthene; mafics increase gradually downhole to about 10%	100	1	9.90	10.15	0.25	44684	762	261	248	10438	3714	1271	3.1	2.8
						:massive; first part is non-magnetic to patchy		2	10.15	10.45	0.30	44685	823	274	256	8793	4642	1353	3.2	1.9
						magnetism until 10.07m		3	10.45	10.75	0.30	44686	904	346	192	11179	5017	1442	4.7	2.2
						:strongly magnetic from 10.07 onward but		4	10.75	11.00	0.25	44687	1046	309	292	11543	4805	1647	3.6	2.4
						coincident with increased po>cpy diss.		5	11.00	11.32	0.32	44688	683	210	228	11718	4719	1121	3.0	2.5
						:mainly diss. cpy-po but with bleb cpy-po+pn		6	11.32	11.72	0.40	44689	1030	224	268	12323	5270	1522	3.8	2.3
						that increases downhole		7	11.72	12.06	0.34	44690	1226	231	303	14019	4153	1760	4.0	3.4
						:11.0m increase to cpy>po+pn		8	12.06	12.54	0.48	44691	1430	288	286	7334	3172	2004	5.0	2.3
						:cm scale modal layering of felsic gabbro		9	12.54	12.75	0.21	44692	1706	358	330	11788	3640	2394	5.2	3.2
						between gabbro and hyp-gabbo		10	12.75	13.22	0.47	44693	2084	424	336	10898	3426	2824	6.1	3.2
						:well-developed segregation of po-cpy in blebs		chk 10	12.75	13.22	0.47	44693	1906	319	347			2572	5.5	
						:<1% stringer cpy>po+pn in fractures		avg 10	12.75	13.22	0.47	44693	1985	371.5	341.5			2698	5.8	
								11	13.22	13.70	0.48	44694	1953	322	359	7463	3030	2634	5.4	2.5
								12	13.70	14.00	0.30	44695	1974	317	341	7447	2863	2632	5.8	2.6
								13	14.00	14.45	0.45	44696	2145	354	359	7533	2918	2858	6.0	2.6
								14	14.45	14.83	0.38	44697	2163	355	358	8115	3117	2876	6.0	2.6
								15	14.83	15.27	0.44	44698	2155	341	324	8280	2995	2820	6.7	2.8
								16	15.27	15.64	0.37	44699	1926	279	0	7043	2783	2205		2.5
15.64	23.52	5-10	55	45	hyp. gabbro to gabbro	mg; massive; ~5% hypersthene but locally	100	17	15.64	15.98	0.34	44700	1904	268	311	6769	2510	2483	6.1	2.7
						<1% and ~10%; <2% fracture sulphides		18	15.98	16.38	0.40	44701	2177	331	358	7990	3136	2866	6.1	2.5
						:increased fracture sulphides from previous		19	16.38	16.88	0.50	44702	2301	315	375	8359	3506	2991	6.1	2.4
					cont. next page	:mainly diss. cpy-po with minor stringer cpy		chk 19	16.38	16.88	0.50	44702	2145	269	344			2758	6.2	
						:magnetic throughout but likely po as no		avg 19	16.38	16.88	0.50	44702	2223	292	359.5			2875	6.2	
						oxide visible		20	16.88	17.41	0.53	44703	2322	557	331	7975	3384	3210	7.0	2.4

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 17, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-06
Bearing: 300
Dip: -45
Casing: 10m
Depth: 47m
Elevation: 2.90m

Grid North: -31
Grid East: 9

Boxes: 9

Test Type: Acid
Depth: 47m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
15.64	23.52	5-10	55	45	hyp. gabbro to gabbro	continued from previous page	100	21	17.41	17.84	0.43	44704	1643	256	268	8118	2774	2187	5.7	2.9
								22	17.84	18.27	0.43	44705	2012	316	331	7851	2914	2659	6.1	2.7
								23	18.27	18.67	0.40	44706	2056	314	339	6413	2435	2709	6.1	2.6
					continued	:16.68 to 18.5m = decrease in total sulphides		24	18.67	19.13	0.46	44707	1973	276	317	8127	3062	2586	6.2	2.7
						with diss. > bleb at 3-5%		25	19.13	19.50	0.37	44708	2159	262	317	7306	2712	2738	6.8	2.7
						:18.5 to 23.52m = increase to about 5-8%		26	19.50	19.76	0.26	44709	2566	236	355	7789	3387	3157	7.2	2.3
						sulphide with bleb=diss.		27	19.76	20.09	0.33	44710	3738	370	493	8763	4382	4601	7.6	2.0
								28	20.09	20.45	0.36	44711	3522	333	455	8604	4719	4310	7.7	1.8
								29	20.45	20.86	0.41	44712	2813	259	392	8758	5183	3464	7.2	1.7
								30	20.86	21.33	0.47	44713	3702	360	508	9147	4539	4570	7.3	2.0
								31	21.33	21.87	0.54	44714	4557	427	600	10182	4827	5584	7.6	2.1
								32	21.87	22.16	0.29	44715	3452	255	494	6644	4376	4201	7.0	1.5
								33	22.16	22.41	0.25	44716	2170	173	332	5410	2964	2675	6.5	1.8
								34	22.41	22.64	0.23	44717	2350	167	326	6090	2927	2843	7.2	2.1
								35	22.64	23.09	0.45	44718	2346	198	356	6195	2914	2900	6.6	2.1
								36	23.09	23.52	0.43	44719	2273	170	324	6113	2668	2767	7.0	2.3
								chk 36	23.09	23.52	0.43	44719	2446	165	320			2931	7.6	
								avg 36	23.09	23.52	0.43	44719	2360	167.5	322			2849	7.3	
23.52	23.91	2-3	45	55	gabbro to hyp. gabbro	mg; massive; localized <1mm stringers and shear/fractures with sulphides	98	37	23.52	23.91	0.39	44720	1082	80	151	2633	1202	1313	7.2	2.2
						:mainly diss. cpy-po with rare bleb cpy>po+pn														
23.91	24.25	1	45	55	gabbro	mg; massive;<1% hypersthene phenocrysts	100	38	23.91	24.25	0.34	44721	76	0	0	226	106	76		2.1
						:lower gradational contact with decrease in sulphide														
						:diss. cpy-po with rare blebs														
						:~1% quartz														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 17, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-06
Bearing: 300
Dip: -45
Casing: 10m
Depth: 47m
Elevation: 2.90m

Grid North: -31
Grid East: 9

Boxes: 9

Test Type: Acid
Depth: 47m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
24.25	28.08	<1	50	50	gabbro	mg; massive; localized fractures at 65 to CA	98	39	24.25	24.75	0.50	44722	46	0	0	154	107	46		1.4
						:mainly diss. cpy-po; <1% quartz		40	24.75	25.14	0.39	44723	17	0	0	115	94	17		1.2
						:<1% biotite but increases after 27.75m to 1%		41	25.14	25.50	0.36	44724	15	0	0	120	80	15		1.5
						:25.5 to 25.68 = fg sediment fragment or altered		42	25.50	25.68	0.18	44725	15	0	0	42	101	15		0.4
						gabbro?		43	25.68	25.89	0.21	44726	0	0	0	70	72	0		1.0
						:25.89 to 26.58 = chloritized and altered gabbro		44	25.89	26.58	0.69	44727	15	0	0	35	94	15		0.4
						within breccia/shear zone; <1% diss. cpy-po		45	26.58	27.13	0.55	44728	0	0	0	110	80	0		1.4
								chk 45	26.58	27.13	0.55	44728	11	0	0			11		
								avg 45	26.58	27.13	0.55	44728	5.5	0	0			5.5		
								46	27.13	27.74	0.61	44729	11	0	0	89	80	11		1.1
								47	27.74	28.08	0.34	44730	11	0	0	100	84	11		1.2
28.08	33.87	<1	55	45	gabbro	mg; massive; 1% biotite and 1% quartz	99	48	28.08	28.49	0.41	44757	12	0	0	84	60	12		1.4
						:<1% diss. po>cpy; localized fractures		49	28.49	29.00	0.51	44758	38	6	0	76	68	44		1.1
						and shears		50	29.00	29.48	0.48	44759	23	0	0	75	64	23		1.2
						:<1% hypersthene but very patchy		51	29.48	30.46	0.98	44760	18	0	0	77	68	18		1.1
								52	30.46	31.42	0.96	44761	20	0	0	79	63	20		1.3
								53	31.42	32.00	0.58	44762	30	0	17	83	66	47	1.8	1.3
								54	32.00	32.96	0.96	44763	36	0	19	89	67	55	1.9	1.3
								55	32.96	33.87	0.91	44764	22	0	0	76	59	22		1.3
								chk 55	32.96	33.87	0.91	44764	15	0	0			15		
								avg 55	32.96	33.87	0.91	44764	18.5	0	0			18.5		
33.87	35.48	<1	55	45	gabbro-sed breccia	mg; sheared; fg arkosic sandstone fragments up to 10%; strongly epidotized gabbro :34.25 to 34.56 = talc/chlorite shear 70 to CA	95	56	33.87	34.25	0.38	44765	15	0	0	22	60	15		0.3
								57	34.25	34.56	0.31	44766	0	0	0	17	100	0		0.2
								58	34.56	35.48	0.92	44767	0	0	0	48	95	0		0.5

Property: Jackie Rastall
Location: Janes Twp.
Started: April 16, 1999
Completed: April 17, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-06
Bearing: 300
Dip: -45
Casing: 10m
Depth: 47m
Elevation: 2.90m

Grid North: -31
Grid East: 9

Boxes: 9

Test Type: Acid
Depth: 47m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
35.48	36.36	<1	55	45	gabbro-sed breccia	same as previous section	95	59	35.48	36.36	0.88	44768	0	0	0	69	79	0		0.9
36.36	41.32	<1	55	45	gabbro to hyp. gabbro	mg; massive; localized shear and <1mm wide fractures; finely diss. cpy-po; 1% quartz but locally up to 2% qtz; generally 1% hypersthene but locally up to 3%	100	60	36.36	37.5	1.14	44853	16	0	0	108	80	16		1.4
								61	37.5	38.5	1	44854	18	0	0	92	72	18		1.3
								chk 61	37.5	38.5	1	44854	10	0	0			10		
								avg 61	37.50	38.50	1.00	44854	14	0	0			14		
								62	38.5	39.5	1	44855	13	0	0	93	73	13		1.3
								63	39.5	40.5	1	44856	16	0	0	92	73	16		1.3
								64	40.50	41.32	0.82	44857	12	0	0	77	66	12		1.2
41.32	44.38	<1	50	50	gabbro-sed breccia	fg; arkosic sandstone fragments in fg-mg gabbro :brecciated regions filled with hematitic veins and albitic feldspar-quartz veins	90	65	41.82	42.45	0.63	44858	0	0	0	65	88	0		0.7
								66	42.45	43.14	0.69	44859	0	0	0	115	73	0		1.6
						:core loss from 41.32 to 41.82m :~44.0m seds become dominant over gabbro		67	43.45	44.36	0.91	44860	0	0	0	74	85	0		0.9
44.38	47.00	<1	--	--	sediment	fg; arkosic sandstone; very broken up :locally fg gabbro as possible chilled regions	60	68	44.38	45.74	1.36	44861	0	0	0	18	91	0		0.2
								69	46.30	47.00	0.70	44862	0	0	0	11	58	0		0.2
						EOH														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 18, 1999
Completed: April 20, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-07
Bearing: 0
Dip: -90
Casing: 1m
Depth: 233m
Elevation: 20.84m

Grid North: 29
Grid East: 161

Boxes: 54

Test Type: Acid
Depth: 104m Result: -90
Depth: 212m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Gobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	0.94	–	–	–	–	casing/broken core	0	–	–	–	–	–	–	–	–	–	–	–	–	–
0.94	86.00	1-2	55	45	gabbro to hyp-gabbro with vt gabbro	mg; locally cg; mainly diss. po>cpy and minor bleb cpy+po; 2-3% biotite; 2-5% hypersthene :1-2% quartz (patchy) :locally gets very mafic (65:35) :hypersthene content increases downhole :vt gabbro areas decrease downhole :localized patches of "blue" quartz :decreasing sulphides downhole :intervening 0.3-1.0m layers of more felsic gabbro comprise 10% of interval	100	1	0.94	2.36	1.42	47179	0	10	0	272	120	10		2.3
								2	2.36	3.75	1.39	47180	16	17	23	623	241	56	0.7	2.6
								3	3.75	5.10	1.35	47181	12	13	19	440	138	44	0.6	3.2
								4	5.10	6.50	1.40	47182	13	13	0	206	121	26		1.7
								5	6.50	7.76	1.26	47183	11	5	17	165	67	33	0.6	2.5
								6	7.76	9.13	1.37	47184	0	0	0	99	66	0		1.5
								7	9.13	10.05	0.92	47185	0	0	0	109	49	0		2.2
								chk 7	9.13	10.05	0.92	47185	0	0	0			0		
								avg 7	9.13	10.05	0.92	47185	0	0	0			0		
								8	10.05	11.15	1.10	47186	72	14	0	296	103	86		2.9
								9	11.15	12.20	1.05	47187	46	10	0	201	69	56		2.9
								10	12.20	13.40	1.20	47188	0	6	0	158	60	6		2.6
								11	13.40	14.57	1.17	47189	0	10	0	302	93	10		3.2
								12	14.57	16.03	1.46	47190	0	13	0	313	100	13		3.1
								13	16.03	16.85	0.82	47191	110	15	16	348	110	141	6.9	3.2
								14	16.85	17.58	0.73	47192	47	15	0	323	107	62		3.0
								15	17.58	18.07	0.49	47193	0	11	0	310	95	11		3.3
								16	18.59	19.58	0.99	47194	24	31	22	640	207	77	1.1	3.1
								chk 16	18.59	19.58	0.99	47194	25	35	18			78	1.4	
								avg 16	18.59	19.58	0.99	47194	24.5	33	20			77.5	1.2	
								17	20.08	20.51	0.43	47195	20	14	16	286	122	50	1.3	2.3
								18	21.00	22.23	1.23	47196	16	20	22	403	150	58	0.7	2.7
								19	22.91	23.41	0.50	47197	0	0	0	135	55	0		2.5
								20	23.86	24.39	0.53	47198	0	13	18	235	91	31	0.0	2.6

Property: Jackie Rastall
Location: Janes Twp.
Started: April 18, 1999
Completed: April 20, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-07
Bearing: 0
Dip: -90
Casing: 1m
Depth: 233m
Elevation: 20.84m

Grid North: 29
Grid East: 161

Boxes: 54

Test Type: Acid
Depth: 104m Result: -90
Depth: 212m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
cont	86.00	1-2	55	45	gabbro to hyp-gabbro with vt gabbro	continued from previous	100	21	24.86	25.41	0.55	47199	0	6	0	176	65	6		2.7
								22	25.71	26.20	0.49	47200	10	9	0	226	83	19		2.7
								23	26.63	27.09	0.46	47201	12	11	0	222	79	23		2.8
								24	27.58	28.12	0.54	47202	0	7	0	228	77	7		3.0
								25	28.53	29.05	0.52	47203	12	10	0	241	88	22		2.7
								chk 25	28.53	29.05	0.52	47203	34	14	20			68	1.7	
								avg 25	28.53	29.05	0.52	47203	23	12	10			45	2.3	
								26	29.52	30.42	0.90	47204	11	10	16	189	70	37	0.7	2.7
								27	30.94	31.43	0.49	47205	11	10	15	260	130	36	0.7	2.0
								28	31.92	32.38	0.46	47206	16	9	15	145	74	40	1.1	2.0
								29	32.91	33.40	0.49	47207	16	10	26	175	71	52	0.6	2.5
								30	33.92	34.45	0.53	47208	17	13	27	203	83	57	0.6	2.4
								31	34.88	35.39	0.51	47209	18	14	20	233	97	52	0.9	2.4
								32	35.89	36.40	0.51	47210	26	18	26	294	117	70	1.0	2.5
								33	36.90	37.40	0.50	47211	22	18	36	282	112	76	0.6	2.5
								34	37.86	38.28	0.42	47212	24	17	28	278	131	69	0.9	2.1
								chk 34	37.86	38.28	0.42	47212	27	18	28			73	1.0	
								avg 34	37.86	38.28	0.42	47212	25.5	17.5	28			71	0.9	
								35	38.87	39.36	0.49	47253	23	9	22	219	116	54	1.0	1.9
						:39.88-40.39 = alteration zone in gabbro		36	39.88	40.39	0.51	47254	21	13	27	277	122	61	0.8	2.3
						to spotted gabbro texture;possibly hyp-gab?		37	40.91	41.35	0.44	47255	22	24	17	303	143	63	1.3	2.1
								38	41.85	42.36	0.51	47256	25	16	0	327	177	41		1.8
								39	42.86	43.36	0.50	47257	23	13	24	383	162	60	1.0	2.4
								chk 39	42.86	43.36	0.50	47257	29	18	22			69	1.3	
								avg 39	42.86	43.36	0.50	47257	26	15.5	23			64.5	1.1	
						:43.87-49.86 = alteration zone of gabbro		40	43.87	44.36	0.49	47258	27	20	34	282	119	81	0.8	2.4
						with blue tinted quartz; 1% finely diss. po>cpy														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 18, 1999
Completed: April 20, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-07
Bearing: 0
Dip: -90
Casing: 1m
Depth: 233m
Elevation: 20.84m

Grid North: 29
Grid East: 161

Boxes: 54

Test Type: Acid
Depth: 104m Result: -90
Depth: 212m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
cont	86.00	1-2	55	45	gabbro to hyp-gabbro with vt gabbro	continued from previous	100	41	44.87	45.37	0.50	47259	31	21	32	334	140	84	1.0	2.4
								42	45.88	46.40	0.52	47260	23	20	22	258	121	65	1.0	2.1
								43	46.91	47.38	0.47	47261	26	15	24	229	99	65	1.1	2.3
								44	47.87	48.38	0.51	47262	29	19	27	315	157	75	1.1	2.0
								45	48.89	49.40	0.51	47263	24	26	26	475	184	76	0.9	2.6
						:49.86-50.36 = 1% bleb po with py in alteration		46	49.86	50.36	0.50	47264	19	28	22	254	130	69	0.9	2.0
						related veins that are sericite-epidote rich		47	50.88	51.27	0.39	47265	27	19	26	261	155	72	1.0	1.7
								48	51.78	52.31	0.53	47274	26	17	29	237	110	72	0.9	2.2
								49	52.81	53.31	0.50	47275	29	19	37	249	110	85	0.8	2.3
								chk 49	52.81	53.31	0.50	47275	28	19	35			82	0.8	
								avg 49	52.81	53.31	0.50	47275	28.5	19	36			83.5	0.8	
						:~54m = begin to see fuchsite on fractues		50	53.79	54.30	0.51	47276	28	20	35	257	112	83	0.8	2.3
								51	54.81	55.32	0.51	47277	29	18	37	315	120	84	0.8	2.6
						:55.77-57.29 = 1% bleb-diss. po>cpy		52	55.77	56.29	0.52	47278	54	21	40	200	103	115	1.4	1.9
								53	56.85	57.29	0.44	47279	26	16	33	212	97	75	0.8	2.2
						:localized alteration to washed gabbro that		54	57.79	58.31	0.52	47280	35	18	34	191	119	87	1.0	1.6
						is chloritized in <2cm shears		55	58.78	59.29	0.51	47281	35	19	44	273	131	98	0.8	2.1
								56	59.79	60.25	0.46	47282	56	14	40	216	144	110	1.4	1.5
								57	60.81	61.26	0.45	47283	33	10	32	129	67	75	1.0	1.9
								58	61.76	62.24	0.48	47284	23	13	28	192	81	64	0.8	2.4
								chk 58	61.76	62.24	0.48	47284	22	13	24			59	0.9	
								avg 58	61.76	62.24	0.48	47284	22.5	13	26			61.5	0.9	
								59	62.72	63.25	0.53	47285	29	12	29	217	102	70	1.0	2.1
								60	63.73	64.08	0.35	47286	30	10	33	191	91	73	0.9	2.1
						:64.6-65.12 = 1% diss po>>cpy		61	64.60	65.12	0.52	47287	25	8	28	346	138	61	0.9	2.5
								62	65.62	66.11	0.49	47288	40	21	37	247	117	98	1.1	2.1

Property: Jackie Rastall
Location: Janes Twp.
Started: April 18, 1999
Completed: April 20, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-07
Bearing: 0
Dip: -90
Casing: 1m
Depth: 233m
Elevation: 20.84m

Grid North: 29
Grid East: 161

Boxes: 54

Test Type: Acid
Depth: 104m Result: -90
Depth: 212m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
cont	86.00	1-2	55	45	gabbro to hyp-gabbro with vt gabbro	continued from previous	100	63	66.60	67.06	0.46	47289	33	17	38	184	108	88	0.9	1.7
								64	67.56	68.04	0.48	47290	28	10	36	242	105	74	0.8	2.3
								65	68.79	69.24	0.45	47291	27	13	29	294	115	69	0.9	2.6
								66	69.7	70.2	0.5	47292	31	18	38	307	118	87	0.8	2.6
								67	70.69	71.13	0.44	47293	30	17	32	134	73	79	0.9	1.8
								chk 67	70.69	71.13	0.44	47293	22	9	29			60	0.8	
						:gradationale lower contact over cm-dm		avg 67	70.69	71.13	0.44	47293	26	13	30.5			69.5	0.9	
						into gabbro		68	71.66	71.99	0.33	47294	34	17	40	218	100	91	0.9	2.2
								69	72.81	73.31	0.5	47295	45	31	42	507	222	118	1.1	2.3
								70	73.74	74.22	0.48	47296	27	16	32	251	96	75	0.8	2.6
								71	74.74	75.18	0.44	47297	28	15	31	204	74	74	0.9	2.8
								72	75.70	76.21	0.51	47298	25	16	32	159	72	73	0.8	2.2
								73	77.04	77.54	0.5	47299	69	20	38	157	65	127	1.8	2.4
								74	78.05	78.51	0.46	47300	42	12	33	146	68	87	1.3	2.1
								75	79.02	79.51	0.49	47301	33	12	36	113	66	81	0.9	1.7
								76	80.01	80.49	0.48	47302	38	11	41	117	65	90	0.9	1.8
								chk 76	80.01	80.49	0.48	47302	38	11	36			85	1.1	
								avg 76	80.01	80.49	0.48	47302	38	11	38.5			87.5	1.0	
								77	81.01	81.41	0.40	47303	34	14	37	88	67	85	0.9	1.3
								78	81.91	82.39	0.48	47304	29	8	38	97	53	75	0.8	1.8
								79	82.90	83.41	0.51	47305	37	11	44	107	54	92	0.8	2.0
								80	83.89	84.34	0.45	47306	30	8	36	115	68	74	0.8	1.7
								81	84.97	85.50	0.53	47307	24	7	24	104	60	55	1.0	1.7

Property: Jackie Rastall | Hole No.: JR99-07 | Grid North: 29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 161 | Depth: 104m Result: -90
Started: April 18, 1999 | Dip: -90 | Depth: 212m Result: -90
Completed: April 20, 1999 | Casing: 1m | Boxes: 54 | Depth: Result:
Core Size: NQ | Depth: 233m | Depth: Result: Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 20.84m | Depth: Result: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
86.00	99.27	<1	50	50	gabbro	mg; massive; locally shear zones up to 0.4m wide at 30 to CA :finely diss. cpy-po :lower contact is gradational over dm into slightly darker gabbro :92.91-93.70 = green shear/alteration zone with numerous quartz-carb. veinlets-40 to CA :<10% blue-grey quartz veins :96.75-97.17 = similar shear/alteration zone to previous with shear at 40 to CA	100	82	85.99	86.51	0.52	47308	34	0	28	91	82	62	1.2	1.1
								83	86.99	87.44	0.45	47309	29	0	27	91	79	56	1.1	1.2
								84	87.92	88.46	0.54	47310	34	11	32	124	95	77	1.1	1.3
								85	88.93	89.21	0.28	47311	50	11	28	131	93	89	1.8	1.4
								chk 85	88.93	89.21	0.28	47311	43	8	30			81	1.4	
								avg 85	88.93	89.21	0.28	47311	46.5	9.5	29			85	1.6	
								86	89.72	90.21	0.49	47312	44	6	32	104	83	82	1.4	1.3
								87	90.72	91.27	0.55	47313	37	0	35	92	80	72	1.1	1.2
								88	91.75	92.24	0.49	47314	48	6	34	110	96	88	1.4	1.1
								89	92.72	93.16	0.44	47315	44	8	31	177	135	83	1.4	1.3
								90	93.28	93.77	0.49	47316	42	0	32	88	124	74	1.3	0.7
								91	94.28	94.77	0.49	47317	29	5	37	83	101	71	0.8	0.8
								92	95.27	95.78	0.51	47318	38	7	35	120	100	80	1.1	1.2
								93	96.24	96.71	0.47	47319	45	0	33	98	115	78	1.4	0.9
								94	97.19	97.42	0.23	47320	40	10	31	152	148	81	1.3	1.0
								chk 94	97.19	97.42	0.23	47320	45	14	35			94	1.3	
								avg 94	97.19	97.42	0.23	47320	42.5	12	33			87.5	1.3	
								95	97.87	98.38	0.51	47321	36	8	41	105	106	85	0.9	1.0
								96	98.84	99.27	0.43	47322	49	21	42	248	149	112	1.2	1.7
99.27	109.70	1	55	45	gabbro to hyp-gabbro	mg; massive; similar to first section of 86m with less sulphides overall; dm scale layers of felsic to mafic gabbro :lower contact gradational over dm into altered gabbro	100	97	99.78	100.27	0.49	47323	33	11	45	152	116	89	0.7	1.3
								98	100.77	101.30	0.53	47324	35	16	46	217	115	97	0.8	1.9
								99	101.79	102.22	0.43	47325	30	6	47	116	71	83	0.6	1.6
								100	102.74	103.21	0.47	47326	31	11	40	114	72	82	0.8	1.6
								101	103.70	104.21	0.51	47327	38	9	47	90	65	94	0.8	1.4
								102	104.71	105.22	0.51	47328	37	9	57	115	78	103	0.6	1.5

Property: Jackie Rastall | Hole No.: JR99-07 | Grid North: 29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 161 | Depth: 104m | Result: -90
Started: April 18, 1999 | Dip: -90 | | Depth: 212m | Result: -90
Completed: April 20, 1999 | Casing: 1m | Boxes: 54 | Depth: | Result:
Core Size: NQ | Depth: 233m | | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 20.84m | | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
cont	109.70	1	55	45	gabbro to hyp-gabbro	:continued from previous	100	103	106.26	106.77	0.51	47329	61	28	53	328	170	142	1.2	1.9
								chk 103	106.26	106.77	0.51	47329	71	28	55			154	1.3	
						:106.26-106.77 = ~1% diss>bleb sulphide		avg 103	106.26	106.77	0.51	47329	66	28	54			148	1.2	
								104	107.23	107.73	0.50	47330	59	19	52	192	98	130	1.1	2.0
						:108.21-108.67 = 1% bleb and diss. cpy-po		105	108.21	108.67	0.46	47331	142	66	81	684	318	289	1.8	2.2
								106	109.17	109.70	0.53	47332	64	18	51	137	79	133	1.3	1.7
109.70	122.38	<1	60	40	alteration zone (gabbro)	washed out texture in gabbro	98	107	110.02	110.53	0.51	47333	78	15	59	167	79	152	1.3	2.1
						:possibly 15% hypersthene phenocrysts		108	111.04	111.52	0.48	47334	61	10	50	132	65	121	1.2	2.0
								109	112.01	112.51	0.50	47335	80	15	57	196	93	152	1.4	2.1
								110	112.99	113.49	0.50	47336	97	19	67	224	113	183	1.4	2.0
								111	114.74	115.24	0.50	47337	72	8	59	180	91	137	1.2	2.0
								112	116.70	117.12	0.42	47338	87	11	66	198	97	164	1.3	2.0
								chk 112	116.70	117.12	0.42	47338	88	15	76			179	1.2	
								avg 112	116.70	117.12	0.42	47338	87.5	13	71			171.5	1.2	
								113	118.62	119.12	0.50	47339	52	8	39	110	73	99	1.3	1.5
								114	121.49	122.00	0.51	47340	60	6	40	122	75	106	1.5	1.6
122.38	135.54	<1	60	40	hyp-gabbro to gabbro	mg;massive; 20% hypersthene; <1% quartz	98	115	123.14	123.61	0.47	47341	78	7	33	122	75	118	2.4	1.6
						:localized "washed out" gabbro alteration		116	125.49	126.00	0.51	47342	56	6	27	101	70	89	2.1	1.4
								117	128.37	128.88	0.51	47343	59	6	32	103	72	97	1.8	1.4
						:135m = slightly more felsic		118	130.39	130.87	0.48	47344	50	0	34	85	60	84	1.5	1.4
								119	132.23	132.71	0.48	47345	55	7	28	89	58	90	2.0	1.5
								120	135.19	135.54	0.35	47346	30	0	18	68	51	48	1.7	1.3

Property: Jackie Rastall | Hole No.: JR99-07 | Grid North: 29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 161 | Depth: 104m | Result: -90
Started: April 18, 1999 | Dip: -90 | Depth: 212m | Result: -90
Completed: April 20, 1999 | Casing: 1m | Boxes: 54 | Depth: | Result:
Core Size: NQ | Depth: 233m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 20.84m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
135.54	190.39	<1	55	45	gabbro to hyp-gabbro	mg; massive; similar to previous but with slight increase in felsic minerals	100	122	137.00	137.60	0.60	47348	38	0	18	91	69	56	2.1	1.3
								124	139.05	139.61	0.56	47350	32	10	15			57	2.1	
								126	141.58	142.08	0.50	47352	68	18	17			103	4.0	
								128	144.07	144.58	0.51	47354	19	0	0			19		
								130	146.51	147.03	0.52	47356	29	5	0			34		
								132	149.05	149.57	0.52	47358	14	0	0			14		
								chk 132	149.05	149.57	0.52	47358	15	0	0			15		
								avg 132	149.05	149.57	0.52	47358	14.5	0	0			14.5		
								134	151.49	151.98	0.49	47360	16	0	0			16		
						:~162m = increased epidotization and hematitic stained fractures		136	153.99	154.47	0.48	47362	58	0	0			58		
								138	156.39	156.76	0.37	47364	19	0	0			19		
						:2% blue-grey quartz veins		140	158.77	159.29	0.52	47366	43	0	0			43		
						:localized weak foliation		142	161.14	161.65	0.51	47368	29	0	0	76	89	29		0.9
								chk 142	161.14	161.65	0.51	47368	25	0	0			25		
						:becomes mg and massive after 166.2m		avg 142	161.14	161.65	0.51	47368	27	0	0			27		
								144	163.56	164.03	0.47	47370	24	0	0			24		
						:163-166m = hematitic factures within shear zone; some blue-grey quartz; heavy epidotization; shear at 40 to CA		146	166.04	166.54	0.50	47372	30	0	0			30		
								148	166.51	166.99	0.48	47374	42	0	0			42		
								150	171.02	171.50	0.48	47376	15	0	0			15		
						:gradual contact over 20 cm back into similar rock to previous 162m		152	173.56	174.08	0.52	47378	0	0	0			0		
								chk 152	173.56	174.08	0.52	47378	11	0	0			11		
								avg 152	173.56	174.08	0.52	47378	5.5	0	0			5.5		
						:173-177 = alteration zone; washed out gabbro with 15-20% white mica and 5% biotite		154	176.16	176.63	0.47	47380	15	0	18			33	0.8	
								156	178.65	179.19	0.54	47382	14	0	16			30	0.9	
						:185.4-186.3 = vt gabbro layer		158	181.18	181.74	0.56	47384	15	0	16			31	0.9	
								160	183.70	184.19	0.49	47386	16	0	0			16		
						:~190 = increased hypersthene in gabbro		162	186.28	186.77	0.49	47388	0	0	0	95	86	0		1.1
								164	188.69	189.17	0.48	47390	32	0	20			52	1.6	

Property: Jackie Rastall | Hole No.: JR99-07 | Grid North: 29 | Test Type: Acid
Location: Janes Twp. | Bearing: 0 | Grid East: 161 | Depth: 104m | Result: -90
Started: April 18, 1999 | Dip: -90 | Depth: 212m | Result: -90
Completed: April 20, 1999 | Casing: 1m | Boxes: 54 | Depth: | Result:
Core Size: NQ | Depth: 233m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 20.84m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
190.39	224.00	<1	65	35	hyp-gabbro to gabbro	mg; massive; 15-20% hypersthene	98	166	191.17	191.67	0.50	47392	24	0	0			24		
						:gradational contact with upper gabbro unit		168	193.44	193.97	0.53	47394	0	0	17			17	0.0	
								170	196.04	196.53	0.49	47396	17	0	0			17		
						:~5% biotite after 204m		172	198.54	199.05	0.51	47398	19	0	0			19		
						:localized shearing with chlorite-quartz veins		174	201.04	201.56	0.52	47400	45	0	17			62	2.6	
						and heavy epidotization		chk 174	201.04	201.56	0.52	47400	36	6	16			58	2.3	
						:shear at 45 to CA		avg 174	201.04	201.56	0.52	47400	40.5	3	16.5			60	2.5	
								176	203.51	204.02	0.51	47402	0	0	0			0		
						:locally up to 10% brown-weathered spots		178	206.00	206.51	0.51	47404	20	0	16			36	1.3	
								180	208.76	209.21	0.45	47406	14	0	16			30	0.9	
						:222.82-223.41 = po+pn>cpy vein; 1 cm wide		182	211.19	211.65	0.46	47408	12	0	15	85	62	27	0.8	1.4
						at 20 to CA; surrounded by 2% diss. po-cpy		184	213.68	214.24	0.56	47410	16	0	0			16		
								186	215.92	216.39	0.47	47412	12	0	0			12		
								188	218.37	218.88	0.51	47414	12	0	0			12		
								190	220.85	221.39	0.54	47416	16	9	0			25		
								192	222.82	223.41	0.59	47418	541	28	0	2095	3590	569		0.6
224.00	230.86	<1	50	50	gabbro to quartz gabbro	fg; 2-3% quartz; locally mg	100	194	224.31	224.80	0.49	47420	21	0	15			36	1.4	
						:chilled locally		196	228.04	228.56	0.52	47422	14	0	0			14		
								chk 196	228.04	228.56	0.52	47422	17	0	0			17		
								avg 196	228.04	228.56	0.52	47422	15.5	0	0			15.5		
230.86	231.86	<1	--	--	sed-gabbro contact zone	sheared contact zone between gabbro and seds; chloritized and heavy epidotization	90	none												
						:minor hematitic staining														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 18, 1999
Completed: April 20, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-07
Bearing: 0
Dip: -90
Casing: 1m
Depth: 233m
Elevation: 20.84m

Grid North: 29
Grid East: 161

Boxes: 54

Test Type: Acid
Depth: 104m Result: -90
Depth: 212m Result: -90
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
231.86	233.00	<1	--	--	sediment	fg; arkosic sandstone with 5% pebbles :massive EOH	90	none												

Property: Jackie Rastall | Hole No.: JR99-08 | Grid North: 165 | Test Type: Acid

Location: Janes Twp. | Bearing: 340 | Grid East: 37 | Depth: 32m | Result: -57

Started: April 26, 1999 | Dip: -60 | Depth: | Result:

Completed: April 26, 1999 | Casing: 0m | Boxes: 10 | Depth: | Result:

Core Size: NQ | Depth: 44m | Depth: | Result: | Logged By: L.S. Jobin-Bevans

Contractor: NDS Drilling - Timmins | Elevation: 15.48 | Depth: | Result:

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	1.15	–	–	–	–	core loss	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1.15	9.22	<1	65	35	gabbro to hyp. gabbro	mg; altered hypersthene gabbro?; ~5% oxides	100	1	1.15	2.00	0.85	47082	19	0	0	77	34	19		2.3
						are weakly magnetic		2	2.00	3.12	1.12	47083	17	0	0	83	38	17		2.2
						:alteration includes white mica and washed		3	3.12	4.18	1.06	47084	23	0	0	102	46	23		2.2
						out gabbro textures		chk 3	3.12	4.18	1.06	47084	26	15	0			41		
						:sericitization is prominent in patches and		avg 3	3.12	4.18	1.06	47084	24.5	7.5	0			32		
						~1% biotite; possibly chromite?		4	4.18	5.23	1.05	47085	18	0	0	76	35	18		2.2
						:mainly finely diss. cpy-po with rare bleb po		5	5.23	6.28	1.05	47086	21	0	0	99	48	21		2.1
						:"blue quartz eyes"? start ~5.25m		6	6.28	7.69	1.41	47087	16	0	0	88	43	16		2.0
								7	7.69	8.55	0.86	47088	33	0	0	93	49	33		1.9
						:gradual decrease in alteration from ~6.25m to 9.22m		8	8.55	9.22	0.67	47089	51	0	0	110	59	51		1.9
9.22	14.26	<1	50	50	gabbro	mg; massive; ~1% quartz and 1% white mica	90	9	9.22	10.28	1.06	47090	20	0	0	63	67	20		0.9
						:~1% biotite with increase to 3% downhole		10	10.28	11.00	0.72	47091	14	7	0	145	83	21		1.7
						:local cg gabbro patches (<1%)		11	11.00	12.13	1.13	47092	59	0	0	97	73	59		1.3
						:10.4-10.9m=10% core loss		12	12.13	13.29	1.16	47093	20	0	0	89	58	20		1.5
						:heavily epidotized with veins of epidote		chk 12	12.13	13.29	1.16	47093	22	0	0			22		
						:13.29-14.26m= core loss and broken core		avg 12	12.13	13.29	1.16	47093	21	0	0			21		
								13	13.29	14.26	0.97	47094	24	0	0	94	59	24		1.6
14.26	18.00	<1	50	50	alteration zone	mg; altered gabbro with washed out textures	95	14	14.26	15.40	1.14	47095	18	0	0	78	46	18		1.7
						:~5% white mica/sericitized patches		15	15.40	16.73	1.33	47096	19	0	0	27	54	19		0.5
								16	16.73	18.00	1.27	47097	18	0	0	98	54	18		1.8
						:15.4-16.73=~10% biotite; <1% sulphide but 2% non-magnetic oxide (chromite?)														
						:pink feldspar patches														

Property: Jackie Rastall | Hole No.: JR99-08 | Grid North: 165 | Test Type: Acid
Location: Janes Twp. | Bearing: 340 | Grid East: 37 | Depth: 32m | Result: -57
Started: April 26, 1999 | Dip: -60 | Depth: | Result:
Completed: April 26, 1999 | Casing: 0m | Boxes: 10 | Depth: | Result:
Core Size: NQ | Depth: 44m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 15.48 | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
18.00	25.02	<1	55	45	gabbro	mg; locally altered; locally near cg gabbro	95	17	18.00	19.12	1.12	47098	18	0	0	100	58	18		1.7
						:pink to creamy white feldspar patches		18	19.12	20.08	0.96	47099	20	9	0	75	52	29		1.4
						:2% quartz; very green from epidotization		19	20.08	20.81	0.73	47100	18	0	20	92	58	38	0.9	1.6
						:locally blocky sections of core with loss		20	20.81	22.08	1.27	47101	21	0	22	94	72	43	1.0	1.3
						:locally chloritized shear zones (<5cm wide)														
						:upper contact with previous altered gabbro is gradational and diffuse over 5-10cm														
						:22.08-22.60m = Q-C breccia zone with		21	22.08	22.60	0.52	47102	237	38	48	617	270	323	4.9	2.3
						2% pyrite and cpy stringers; hematitic stains		chk 21	22.08	22.60	0.52	47102	287	46	47			380	6.1	
						and fuchsite along fractures		avg 21	22.08	22.60	0.52	47102	262	42	47.5			351.5	5.5	
								22	22.60	23.73	1.13	47103	258	39	45	3257	996	342	5.7	3.3
						:22.60-23.73m = chloritized and locally sheared mg gabbro; 5% bleb+diss. cpy-po		23	23.73	25.02	1.29	47104	128	14	37	371	146	179	3.5	2.5
25.02	29.85	<1	55	45	gabbro	mg; massive; heavily epidotized; mainly diss.	95	24	25.02	26.16	1.14	47105	474	78	119	1348	307	671	4.0	4.4
						po>cpy with rare bleb cpy-po		25	26.16	27.51	1.35	47106	211	44	54	508	139	309	3.9	3.7
						:blebs have segregation textures		26	27.51	28.78	1.27	47107	139	20	30	514	137	189	4.6	3.8
						:locally 1% finely diss./bleb cpy-po patches														
						:28.78-29.31 = alteration zone with shearing very green with albitized/talc+carb veining		27	28.78	29.31	0.53	47108	60	6	0	77	157	66		0.5
								28	29.31	29.71	0.40	47109	367	48	76	729	169	491	4.8	4.3
						:29.71-29.85 = altered gabbro chloritized with 1% diss. py>>po+cpy		29	29.71	29.85	0.14	47110	17	0	0	49	133	17		0.4

Property: Jackie Rastall | Hole No.: JR99-08 | Grid North: 165 | Test Type: Acid
Location: Janes Twp. | Bearing: 340 | Grid East: 37 | Depth: 32m | Result: -57
Started: April 26, 1999 | Dip: -60 | Depth: | Result:
Completed: April 26, 1999 | Casing: 0m | Boxes: 10 | Depth: | Result:
Core Size: NQ | Depth: 44m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 15.48 | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
29.85	33.64	<1	50	50	gabbro-sed contact zone	fg; massive; mainly finely diss. cpy-po-py	100	30	29.85	31.25	1.40	47111	43	0	29	65	80	72	1.5	0.8
						:altered to chlorite-rich regions		31	31.25	32.80	1.55	47112	17	0	0	106	62	17		1.7
						:3% quartz		32	32.80	33.64	0.84	47113	21	7	0	224	77	28		2.9
						:locally mg gabbro														
						:32.8-33.64 = altered gabbro/shear zone; 2% py														
33.64	43.40	<1	–	–	sediment	fg; arkosic sandstone to conglomerate; wacke?	95	33	33.64	35.00	1.36	47114	0	13	0	184	85	13		2.8
						:sheared contact b/w upper gabbro and seds		34	35.00	35.44	0.44	47115	0	0	0	123	66	0		1.9
						:locally 2% py with rare diss. po-cpy														
						:<1% stringer cpy														
						:first few metres = heavy epidotization/fracture														
						:35.83-36.15 = semi-massive to massive veins of cpy-po-pn														
						:35.44 = increase in bleb-stringer cpy to 1%														
						:35.44-35.83 = 1% cpy blebs/diss. > stringers		35	35.44	35.83	0.39	47116	0	10	0	394	116	10		3.4
								chk 35	35.44	35.83	0.39	47116	12	20	0			32		
						:35.83-35.92 = 4cm wide cpy-po-pn vein		avg 35	35.44	35.83	0.39	47116	6	15	0			21		
						sulphides have breccia texture - injected		36	35.83	35.92	0.09	47117	10831	178	2729	2324	279	13738	4.0	8.3
						:35.92-36.15 = <1% diss. cpy-py in seds		37	35.92	36.15	0.23	47118	314	546	76	11391	9441	938	4.1	1.2
						:36.15-36.27 = 3.5cm wide cpy-po-pn vein		38	36.15	36.27	0.12	47119	4453	109	583	399	1236	5145	7.6	0.3
						sulphides have breccia texture - injected														
								39	36.27	37.37	1.10	47120	6791	33	175	14	38	6999	38.8	0.4
						:after 36.27 becomes "homogeneous" seds		40	37.37	38.59	1.22	47121	68	0	0	106	70	68		1.5
						EOH														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 26, 1999
Completed: April 26, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-09
Bearing: 300
Dip: -45
Casing: 0m
Depth: 62m
Elevation: 10.45m

Grid North: -164
Grid East: 39.5

Boxes: 15

Test Type: Acid
Depth: 62m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	0.89	–	–	–	–	Lost Core	0	–	–	–	–	–	–	–	–	–	–	–	–	–
0.89	2.46	1-5	40	60	gabbro to hyp-gabbro	mg; massive; ~1% hypersthene phenocrysts	100	1	0.89	1.63	0.74	44863	68	17	22	817	301	107	3.1	2.7
						:<1% qtz;<1% blue-grey qtz veins (<3mm wide)		chk 1	0.89	1.63	0.74	44863	71	17	23			111	3.1	
						:locally 1mm wide po-cpy stringers		avg 1	0.89	1.63	0.74	44863	69.5	17	22.5			109	3.1	
						:increasing sulphides after ~2m to 3-5%		2	1.63	2.46	0.83	44864	160	81	65	3126	1252	306	2.5	2.5
						:mainly diss. cpy-po but after 2m more bleb cpy-po														
2.46	7.85	3-10	60	40	hyp-gabbro	mg; massive; ~5% hypersthene phenocrysts	100	3	2.46	3.21	0.75	44865	233	153	84	5351	1877	470	2.8	2.9
						:gradational contact at ~2.46m		4	3.21	3.95	0.74	44866	353	212	119	6145	2482	684	3.0	2.5
						:locally 15% cpy-po-py stringers/fracture fill		5	3.95	4.50	0.55	44867	301	192	105	7248	2816	598	2.9	2.6
						:equal amounts of diss. and bleb		6	4.50	5.00	0.50	44868	287	143	81	6200	2495	511	3.5	2.5
								7	5.00	5.46	0.46	44869	406	164	110	6415	2437	680	3.7	2.6
						:decrease to ~5% sulphide at ~5.5m		8	5.46	6.06	0.60	44870	476	191	117	7011	2487	784	4.1	2.8
								9	6.06	6.55	0.49	44871	328	117	85	4738	1748	530	3.9	2.7
								10	6.55	7.18	0.63	44872	310	82	62	2644	1035	454	5.0	2.6
								chk 10	6.55	7.18	0.63	44872	292	89	71			452	4.1	
								avg 10	6.55	7.18	0.63	44872	301	85.5	66.5			453	4.5	
								11	7.18	7.85	0.67	44873	359	62	71	2860	1120	492	5.1	2.6
7.85	9.15	1-2	55	45	gabbro to hyp-gabbro	mg; massive; similar to previous but with a decrease in sulphide; mainly diss. cpy-po	100	12	7.85	8.63	0.78	44874	155	33	41	1351	476	229	3.8	2.8
								13	8.63	9.15	0.52	44875	182	12	32	393	168	226	5.7	2.3

Property: Jackie Rastall | Hole No.: JR99-09 | Grid North: -164 | Test Type: Acid
Location: Janes Twp. | Bearing: 300 | Grid East: 39.5 | Depth: 62m | Result: -43
Started: April 26, 1999 | Dip: -45 | Depth: | Result:
Completed: April 26, 1999 | Casing: 0m | Boxes: 15 | Depth: | Result:
Core Size: NQ | Depth: 62m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.45m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
9.15	14.00	~1	55	45	gabbro to hyp-gabbro	mg;massive; same as previous but with <1% to max. 1% diss. cpy-po	100	14	9.15	9.80	0.65	44876	114	10	23	327	130	147	5.0	2.5
						:~5% quartz locally; gradational lower contact		15	9.80	10.44	0.64	44877	112	12	34	384	203	158	3.3	1.9
								16	10.44	11.10	0.66	44878	362	17	55	499	267	434	6.6	1.9
								17	11.10	11.75	0.65	44879	351	30	52	1013	420	433	6.8	2.4
								18	11.75	12.43	0.68	44880	361	34	58	1030	454	453	6.2	2.3
								19	12.43	13.36	0.93	44881	116	12	27	503	224	155	4.3	2.2
								chk 19	12.43	13.36	0.93	44881	106	11	27			144	3.9	
								avg 19	12.43	13.36	0.93	44881	111	11.5	27			149.5	4.1	
								20	13.36	14.00	0.64	44882	146	16	38	743	338	200	3.8	2.2
14.00	27.16	<1	50	50	gabbro to quartz gabbro	mg; massive; ~1% sediment fragments; local hematitic staining and alteration of gabbro	100	21	14.00	14.49	0.49	44883	125	0	29	213	143	154	4.3	1.5
						:14.49-15.0m = qtz-rich (5%) shear zone		22	14.49	15.29	0.80	44884	24	0	0	22	104	24		0.2
						:alteration is washed-out gabbro textures		23	15.29	16.17	0.88	44885	48	0	16	117	81	64	3.0	1.4
						likely result of Q-C-Fe fluids		24	16.17	17.00	0.83	44886	21	0	15	97	66	36	1.4	1.5
						:localized qtz veinlets with diss. cpy		25	17.00	17.55	0.55	44887	16	0	15	95	69	31	1.1	1.4
								26	17.55	18.52	0.97	44888	29	0	15	211	173	44	1.9	1.2
								27	18.52	19.61	1.09	44889	28	0	0	103	85	28		1.2
						:~27.0m = gradational into fg gabbro		28	19.61	20.80	1.19	44890	14	0	0	91	79	14		1.2
								29	20.80	21.80	1.00	44891	0	0	0	94	76	0		1.2
						:26.10-26.26 = 15cm wide alteration zone with qtz veining and cpy		30	21.80	22.86	1.06	44892	24	0	0	99	80	24		1.2
								31	22.86	23.85	0.99	44893	21	0	0	94	69	21		1.4
								32	23.85	25.00	1.15	44894	18	0	0	101	78	18		1.3
								33	25.00	26.00	1.00	44895	13	0	0	94	76	13		1.2
								34	26.00	27.16	1.16	44896	25	0	0	102	89	25		1.1

Property: Jackie Rastall
Location: Janes Twp.
Started: April 26, 1999
Completed: April 26, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-09
Bearing: 300
Dip: -45
Casing: 0m
Depth: 62m
Elevation: 10.45m

Grid North: -164
Grid East: 39.5

Boxes: 15

Test Type: Acid
Depth: 62m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
27.16	35.50	<1	50	50	gabbro	fg; massive; <5% qtz; localized fractures	98	35	27.16	28.18	1.02	44898	20	0	0	165	78	20		2.1
						and alteration zones as previous but fg		chk 35	27.16	28.18	1.02	44898	19	0	0			19		
						:locally mg but consistently fg after ~31.25m		avg 35	27.16	28.18	1.02	44898	19.5	0	0			19.5		
						:finely diss. cpy-po-py?		36	28.18	29.25	1.07	44899	23	0	0	0	89	23		0.0
								37	29.25	30.23	0.98	44900	16	0	0	123	73	16		1.7
								38	30.23	31.33	1.10	44901	13	0	0	124	78	13		1.6
								39	31.33	32.27	0.94	44902	0	0	0	116	73	0		1.6
								40	32.27	33.03	0.76	44903	0	0	0	117	62	0		1.9
						:33.03-33.88 = shear zone of blocky core and		41	33.03	33.88	0.85	44904	0	0	0	33	93	0		0.4
						regolithic material		42	33.88	34.39	0.51	44905	0	0	0	133	79	0		1.7
								43	34.39	35.50	1.11	44906	0	0	0	116	74	0		1.6
35.50	36.43	0	–	–	shear/fault	sheared gabbro +/- sed. fragments; hematitic staining to orange-red feldspar in gabbro	60	44	35.50	36.91	1.41	44907	34	0	0	57	107	34		0.5
36.43	42.37	<1	55	45	gabbro (hyp-gabbro?)	mg; massive; ~1% biotite; <1% qtz; finely	100	45	36.91	37.93	1.02	44908	0	0	0	110	67	0		1.6
						diss. cpy-po; pink-coloured feldspar closer		chk 45	37.93	37.93	0.00	44908	11	0	0			11		
						to contact with upper shear zone		avg 45	37.93	37.93	0.00	44908	5.5	0	0			5.5		
								46	37.93	39.01	1.08	44909	16	0	19	180	73	35	0.8	2.5
								47	39.01	39.94	0.93	44910	16	0	0	153	61	16		2.5
								48	39.94	41.03	1.09	44911	13	0	0	129	59	13		2.2
								49	41.03	41.97	0.94	44912	11	0	0	130	62	11		2.1
								50	41.97	43.25	1.28	44913	15	0	18	115	48	33	0.8	2.4

Property: Jackie Rastall
Location: Janes Twp.
Started: April 26, 1999
Completed: April 26, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-09
Bearing: 300
Dip: -45
Casing: 0m
Depth: 62m
Elevation: 10.45m

Grid North: -164
Grid East: 39.5

Boxes: 15

Test Type: Acid
Depth: 62m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
42.37	61.95	<1	55	45	oxide-bearing gabbro	mg;massive; mm sized spots of oxide giving "spotted" gabbro texture; oxide spots mainly a/w mafic minerals	100	51	43.25	44.25	1.00	44914	11	0	0	117	42	11		2.8
								52	44.25	45.10	0.85	44915	16	0	16	119	50	32	1.0	2.4
								53	45.10	45.72	0.62	44916	11	0	0	121	46	11		2.6
						:~15% oxides (non to weakly magnetic)		54	45.72	46.46	0.74	44917	13	0	0	126	47	13		2.7
						:spots best seen on dry surface		chk 54	46.46	46.46	0	44917	14	0	16			30	0.9	
						:gradual decrease in oxide(?), 5% after 43.6m		avg 54	46.46	46.46	0	44917	13.5	0	8			21.5	1.7	
						but locally still ~10% oxide spots		55	46.46	47.00	0.54	44918	16	0	19	130	50	35	0.8	2.6
								56	47	47.9	0.9	44919	15	0	19	96	48	34	0.8	2.0
								57	47.9	49.05	1.15	44920	15	0	22	131	46	37	0.7	2.8
						EOH		58	49.05	50.00	0.95	44921	17	0	21	129	46	38	0.8	2.8
								59	50	51.16	1.16	44922	14	0	19	116	43	33	0.7	2.7
								60	51.16	52.33	1.17	44923	13	0	19	119	50	32	0.7	2.4
								61	52.33	53.43	1.1	44924	16	0	19	124	53	35	0.8	2.3
								62	53.43	54.56	1.13	44925	14	0	18	121	53	32	0.8	2.3
								63	54.56	55.28	0.72	44926	12	0	0	132	50	12		2.6
								chk 63	55.28	55.28	0.00	44926	13	0	0			13		
								avg 63	55.28	55.28	0.00	44926	12.5	0	0			12.5		
								64	55.28	56.33	1.05	44927	10	0	0	130	55	10		2.4
								65	56.33	57.22	0.89	44928	0	0	0	119	54	0		2.2
								66	57.22	58.28	1.06	44929	13	17	16	116	50	46	0.8	2.3
								67	58.28	59.46	1.18	44930	12	0	0	117	54	12		2.2
								68	59.46	60.28	0.82	44931	10	0	0	112	48	10		2.3
								69	60.28	60.99	0.71	44932	0	0	0	117	51	0		2.3
								70	60.99	61.95	0.96	44933	12	0	16	119	54	28	0.8	2.2

Property: Jackie Rastall
Location: Janes Twp.
Started: April 22, 1999
Completed: April 22, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-10
Bearing: 300
Dip: -45
Casing: 2m
Depth: 70m
Elevation: 12.6m

Grid North: -89
Grid East: 46

Boxes: 13

Test Type: Acid
Depth: 70m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.B. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	1.62	--	--	--	--	casing and lost core	0	--	--	--	--	--	--	--	--	--	--	--	--	--
1.62	4.27	<1	50	50	vt gabbro	mg; locally 25% cg to fg gabbro patches;	98	1	1.62	2.14	0.52	47213	22	9	25	211	105	56	0.9	2.0
						:massive with rare localized shear		2	2.14	2.79	0.65	47214	20	13	18	276	94	51	1.1	2.9
						:~5% quartz with local blue quartz (<1%)		3	2.79	3.51	0.72	47215	80	27	45	453	183	152	1.8	2.5
						:generally finely diss. cpy-po; rare blebs of cpy that are mainly a/w cg gabbro patches		4	3.51	4.27	0.76	47216	65	15	39	355	137	119	1.7	2.6
						:higher epidotization in cg gabbro														
						:gradational lower contact into mg gabbro over ~5-10 cm														
4.27	5.72	<1	60	40	gabbro to hyp-gabbro	mg; massive; <1% biotite; 2% hypersthene	100	5	4.27	4.97	0.70	47217	35	6	24	139	73	65	1.5	1.9
						:<1% quartz; finely diss. cpy-po		6	4.97	5.72	0.75	47218	22	0	20	98	59	42	1.1	1.7
						:locally >1% finely diss. cpy-po														
						:increasing hypersthene and biotite downhole														
						:gradational into increased hyp-gabbro														
5.72	13.41	<1	65	35	hyp-gabbro	mg; massive; 2-5% biotite; 5-10% hypersthene	100	7	5.72	6.39	0.67	47219	49	0	0	120	71	49		1.7
						:similar to previous but darker		8	6.39	7.17	0.78	47220	26	0	0	99	64	26		1.5
						:locally cm-dm "layers" of 50:50 gabbro		9	7.17	7.86	0.69	47221	21	0	0	90	67	21		1.3
						:lower contact is gradational over 0.5m into		chk 9	7.17	7.86	0.69	47221	24	0	0			24		
						more felsic mg gabbro with cg gabbro patches		10	7.86	8.58	0.72	47222	24	0	0	102	65	24		1.6
								11	8.58	9.26	0.68	47223	21	0	0	87	70	21		1.2
								12	9.26	10.06	0.80	47224	45	0	0	96	77	45		1.2
								13	10.06	10.70	0.64	47225	27	0	0	87	68	27		1.3
								14	10.70	11.43	0.73	47226	34	0	16	86	58	50	2.1	1.5
								15	11.43	12.20	0.77	47227	19	0	0	82	60	19		1.4
								16	12.20	12.84	0.64	47228	47	6	17	111	67	70	2.8	1.7
								17	12.84	13.41	0.57	47229	19	0	0	93	65	19		1.4

Property: Jackie Rastall
Location: Janes Twp.
Started: April 22, 1999
Completed: April 22, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-10
Bearing: 300
Dip: -45
Casing: 2m
Depth: 70m
Elevation: 12.6m

Grid North: -89
Grid East: 46

Boxes: 13

Test Type: Acid
Depth: 70m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
13.41	24.82	<1	55	45	gabbro	mg; massive; 2% cg patches; decrease in hypersthene to <1%	100	18	13.41	14.22	0.81	47230	11	0	0	100	61	11		1.6
								chk 18	13.41	14.22	0.81	47230	12	0	0			12		
						:increase in quartz to 1-2%		19	14.22	15.18	0.96	47231	25	0	0	110	76	25		1.4
						:pinkish cg granophyric gabbro patches (<1%)		20	15.18	16.40	1.22	47232	45	12	16	84	66	73	2.8	1.3
						:locally dark "layers" with 2-5% hypersthene		21	16.40	17.54	1.14	47233	41	6	0	96	76	47		1.3
								22	17.54	18.37	0.83	47234	12	0	0	116	70	12		1.7
						:increasingly pink feldspar patches downhole		23	18.37	19.14	0.77	47235	20	0	0	97	65	20		1.5
						after 21m; hematitic staining		24	19.14	19.81	0.67	47236	41	7	16	96	64	64	2.6	1.5
								25	19.81	20.62	0.81	47237	16	0	0	118	73	16		1.6
						:21.25-23.0 = hematitic stained feldspar in		26	20.62	21.25	0.63	47238	19	0	0	99	78	19		1.3
						moderately sheared gabbro; ~1% finely diss.		27	21.25	23.00	1.75	47239	16	0	0	106	107	16		1.0
						py-cpy-po		chk 27	21.25	23.00	1.75	47239	27	10	21			58	1.3	
						:21.69-22.15 = lost core; ground up and		28	23.00	23.75	0.75	47240	62	5	21	94	87	88	3.0	1.1
						red stained		29	23.75	24.82	1.07	47241	29	0	18	93	92	47	1.6	1.0
						:hematitic stain increases into shear gabbro and decreases out of shear gabbro														
24.82	30.04	<1	60	40	gabbro to hyp-gabbro	mg; massive; 2-5% hypersthene; 5% biotite	98	30	24.82	25.89	1.07	47242	14	0	0	88	70	14		1.3
						:upper contact is gradational over 10cm and		31	25.89	26.81	0.92	47243	14	0	18	81	75	32	0.8	1.1
						marked by darker gabbro downhole		32	26.81	27.84	1.03	47244	13	0	21	91	66	34	0.6	1.4
						:<1% quartz but locally ~2% quartz		33	27.84	28.87	1.03	47245	10	0	20	97	66	30	0.5	1.5
								34	28.87	30.04	1.17	47246	13	0	21	93	66	34	0.6	1.4
						:fairly sharp contact with lower alteration but varies over 2cm into diffuse contact with spotted altered gabbro														

Property: Jackie Rastall | Hole No.: JR99-10 | Grid North: -89 | Test Type: Acid
Location: Janes Twp. | Bearing: 300 | Grid East: 46 | Depth: 70m | Result: -43
Started: April 22, 1999 | Dip: -45 | Depth: | Result:
Completed: April 22, 1999 | Casing: 2m | Boxes: 13 | Depth: | Result:
Core Size: NQ | Depth: 70m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 12.6m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
30.04	32.86	<1	?	?	gabbro to hyp-gabbro (alteration zone)	mg; altered gabbro with spots of mafic phenocrysts that likely opx; white mica and pinkish patches; chloritized	98	35	30.04	31.18	1.14	47247	15	0	0	14	98	15		0.1
								36	31.18	32.38	1.20	47248	11	0	0	8	120	11		0.1
								chk 36	31.18	32.38	1.20	47248	16	0	0			16		
						:occasional quartz veinlet		37	32.38	32.86	0.48	47249	13	0	0	56	93	13		0.6
						:lower contact with mg gabbro is diffuse to locally sharp over 1-2 cm and is similar to upper contact														
32.86	36.30	<1	50	50	gabbro	mg; massive; 1-2% white mica and biotite	100	38	32.86	33.84	0.98	47250	11	0	0	122	69	11		1.8
						:strong epidotization; <1% hypersthene		39	33.84	34.64	0.80	47251	14	0	0	94	64	14		1.5
						:rare diss po>cpy		40	34.64	35.25	0.61	47252	14	0	0	101	69	14		1.5
						:2-5% quartz		41	35.25	36.35	1.10	47266	25	0	0	103	81	25		1.3
						:lower contact is sharp with fg to chilled gabbro														
36.30	45.80	<1	50	50	gabbro (chilled)	fg; massive; chilled to slightly fg (1mm) grain	85	42	36.35	38.36	2.01	47267	32	0	0	182	107	32		1.7
						:locally sheared with pink quartz-carb veins		43	38.36	39.64	1.28	47268	11	0	0	154	84	11		1.8
						:heavily epidotized		44	39.64	41.24	1.60	47269	0	0	0	85	83	0		1.0
						:local hematization with possible sediment		45	41.24	42.70	1.46	47270	22	0	0	126	96	22		1.3
						fragments and mg gabbro fragments		46	42.70	43.82	1.12	47271	0	0	0	96	85	0		1.1
								47	43.82	45.69	1.87	47272	0	0	0	56	95	0		0.6
						:36.52-37.02 = lost core		48	45.69	47.00	1.31	47273	0	0	0	83	88	0		0.9
						:39.64-39.74 = lost core														
						:40.95-41.10 = lost core														
						:approaches mg gabbro between 42.2-43.82														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 22, 1999
Completed: April 22, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-10
Bearing: 300
Dip: -45
Casing: 2m
Depth: 70m
Elevation: 12.6m

Grid North: -89
Grid East: 46

Boxes: 13

Test Type: Acid
Depth: 70m Result: -43
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
45.80	50.00	<1	--	--	sed-gabbro breccia	fg; arkosic sandstone with fragments of gabbro ("fresh" to altered) :local quartz-carbonate veining and shears for first 1.5m then homogeneous seds begin at ~50m	85	none												
50.00	53.00	<1	--	--	sediments	fg; arkosic sandstone; local 1% py cubes and irregular grains EOH	95	none												

Property: Jackie Rastall
Location: Janes Twp.
Started: April 23, 1999
Completed: April 24, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-11
Bearing: 300
Dip: -70
Casing: 2m
Depth: 60m
Elevation: 10.45m

Grid North: 0
Grid East: 31

Boxes: 14

Test Type: Acid
Depth: 60m Result: -70
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	1.50	–	–	–	–	no core recovered	0	–	–	–	–	–	–	–	–	–	–	–	–	–
1.50	3.00	<1	50	50	gabbro	mg; massive; finely diss. cpy-po	98	1	1.50	2.41	0.91	44934	55	0	17	104	66	72	3.2	1.6
						:localized fractures of Q-C; ~% hypersthene?		chk 1	1.50	2.41	0.91	44934	46	0	17			63	2.7	
								avg 1	1.50	2.41	0.91	44934	50.5	0	17			67.5	3.0	
								2	2.41	3.03	0.62	44935	29	0	0	117	70	29		1.7
3.00	13.87	1-2	60	40	gabbro to hyp. gabbro	mg; massive; mainly diss. cpy-po but with common cpy-po blebs	100	3	3.03	3.83	0.80	44936	280	23	44	524	219	347	6.4	2.4
								4	3.83	5.00	1.17	44937	581	51	96	1358	617	728	6.1	2.2
						:locally patches of cg gabbro (vt gabbro) with blebs up to 3mm diameter of cpy-po		5	5.00	5.89	0.89	44938	398	29	72	974	468	499	5.5	2.1
								6	5.89	6.82	0.93	44939	55	6	0	223	105	61		2.1
								7	6.82	7.65	0.83	44940	203	22	47	465	211	272	4.3	2.2
						:~5.32 to 6.82m = sulphides rapidly <1% finely diss. cpy-po in a 50:50 gabbro		8	7.65	8.50	0.85	44941	35	6	0	89	67	41		1.3
								9	8.50	9.54	1.04	44942	27	0	0	91	57	27		1.6
								10	9.54	10.50	0.96	44943	112	7	17	125	94	136	6.6	1.3
								11	10.50	11.57	1.07	44944	50	0	0	149	80	50		1.9
								chk 11	10.50	11.57	1.07	44944	49	0	17			66	2.9	
								avg 11	10.50	11.57	1.07	44944	49.5	0	8.5			58	5.8	
								12	11.57	12.67	1.10	44945	30	0	0	94	63	30		1.5
								13	12.67	13.87	1.20	44946	147	10	26	229	132	183	5.7	1.7
13.87	15.05	<1	50	5	gabbro	mg;massive; gradational upper contact with darker (hypersthene?) gabbro uphole	100	14	13.87	15.05	1.18	44947	72	28	31	815	369	131	2.3	2.2
						:felsic and epidotized gabbro with finely diss. cpy-po; locally 1-2% sulphide														

Property: Jackie Rastall | Hole No.: JR99-11 | Grid North: 0 | Test Type: Acid
Location: Janes Twp. | Bearing: 300 | Grid East: 31 | Depth: 60m | Result: -70
Started: April 23, 1999 | Dip: -70 | Depth: | Result:
Completed: April 24, 1999 | Casing: 2m | Boxes: 14 | Depth: | Result:
Core Size: NQ | Depth: 60m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.45m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
15.05	18.05	2-5	55	45	gabbro to hyp. gabbro	mg; massive; more mafic than previous with 2-3% hypersthene phenocrysts; finely diss. po and cpy with rare bleb po>cpy :increasing hypersthene to ~5% downhole	100	15	15.05	16.15	1.10	44948	69	27	34	862	352	130	2.0	2.4
								16	16.15	17.06	0.91	44949	121	67	49	2869	1190	237	2.5	2.4
								17	17.06	18.05	0.99	44950	99	52	46	2768	963	197	2.2	2.9
18.05	47.71	3-8	60	40	hyp. gabbro to gabbro	mg; massive; 2-5% hypersthene over first several metres; mainly diss. cpy=po and blebs of po=cpy	100	18	18.05	19.19	1.14	44608	107	71	61	3420	1346	239	1.8	2.5
								19	19.19	20.19	1.00	44609	123	115	67	4195	1513	305	1.8	2.8
								20	20.19	21.32	1.13	44610	151	104	68	4355	1718	323	2.2	2.5
					cont. next page	:upper contact with gabbro is gradational over 1 decimetre		chk 20	20.19	21.32	1.13	44610	141	111	89			341	1.6	
								avg 20	20.19	21.32	1.13	44610	146	107.5	78.5			332	1.9	
								21	21.32	22.23	0.91	44611	180	117	97	4540	1800	394	1.9	2.5
						:increasing sulphide downhole at 23m=5-8%		22	22.23	23.21	0.98	44612	153	97	86	4347	1648	336	1.8	2.6
						:localized cpy-po stringers along fractures		23	23.21	24.23	1.02	44613	207	126	95	4844	1969	428	2.2	2.5
								24	24.23	25.24	1.01	44614	219	134	95	4734	1904	448	2.3	2.5
						:~35m = bleb cpy and po/pn make up 70% of total sulphide - remainder are diss.		25	25.24	25.89	0.65	44615	190	123	84	3832	1500	397	2.3	2.6
								26	25.89	26.52	0.63	44616	245	156	108	4740	1870	509	2.3	2.5
								27	26.52	27.21	0.69	44617	263	210	113	5980	1945	586	2.3	3.1
						:approaches 15% hypersthene locally and generally increases downhole		28	27.21	28.12	0.91	44618	186	117	80	3985	1552	383	2.3	2.6
								29	28.12	29.12	1.00	44619	350	143	110	4478	1822	603	3.2	2.5
								chk 29	28.12	29.12	1.00	44619	341	111	115			567	3.0	
								avg 29	28.12	29.12	1.00	44619	345.5	127	112.5			585	3.1	
								30	29.12	30.19	1.07	44620	345	159	129	4293	1764	633	2.7	2.4
								31	30.19	30.87	0.68	44621	339	152	134	5135	2059	625	2.5	2.5
								32	30.87	31.78	0.91	44622	364	127	132	5040	1865	623	2.8	2.7
								33	31.78	32.52	0.74	44623	519	199	184	7020	2741	902	2.8	2.6
								34	32.52	33.54	1.02	44624	680	235	226	7378	3167	1141	3.0	2.3
								35	33.54	34.56	1.02	44625	970	224	298	8449	3229	1492	3.3	2.6
								36	34.56	35.48	0.92	44626	1296	305	312	8905	3634	1913	4.2	2.5

Property: Jackie Rastall
Location: Janes Twp.
Started: April 23, 1999
Completed: April 24, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-11
Bearing: 300
Dip: -70
Casing: 2m
Depth: 60m
Elevation: 10.45m

Grid North: 0
Grid East: 31

Boxes: 14

Test Type: Acid
Depth: 60m Result: -70
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
18.08	47.71	3-8	60	40	hyp. gabbro	continued from previous	100	37	35.48	36.47	0.99	44627	1122	304	309	8238	3601	1735	3.6	2.3
								38	36.47	37.18	0.71	44628	1013	247	242	6153	2669	1502	4.2	2.3
						:slight decrease in sulphide starting at~37m		chk 38	36.47	37.18	0.71	44628	974	242	221			1437	4.4	
						to about 3% cpy-po+/-pn		avg 38	36.47	37.18	0.71	44628	993.5	244.5	231.5			1470	4.3	
						:diss. cpy-po and bleb po>cpy		39	37.18	37.80	0.62	44629	783	247	188	5627	2182	1218	4.2	2.6
								40	37.80	38.86	1.06	44630	1016	217	216	5365	2293	1449	4.7	2.3
						:40.31 to 41.17=decrease to <2% diss. and		41	38.86	39.63	0.77	47057	1183	247	207	5503	2147	1637	5.7	2.6
						bleb sulphide		42	39.63	40.31	0.68	47058	1036	206	177	4663	1647	1419	5.9	2.8
						:increase in bleb sulphide after ~41m		43	40.31	41.17	0.86	47059	513	104	112	2221	747	729	4.6	3.0
								44	41.17	42.04	0.87	47060	1567	194	245	4329	2174	2006	6.4	2.0
						:42.80-43.31 = ~5% bleb po>cpy & diss.		45	42.04	42.80	0.76	47061	2091	290	358	6966	2946	2739	5.8	2.4
						cpy/po		46	42.80	43.31	0.51	47062	2036	232	322	6953	3557	2590	6.3	2.0
								47	43.31	43.43	0.12	47063	1487	149	219	5048	2338	1855	6.8	2.2
						:43.31-43.43 = shear zone/breccia with		48	43.43	44.31	0.88	47064	2036	232	310	6360	3291	2578	6.6	1.9
						~15% py,cpy and po a/w Q-C veinlets		49	44.31	45.30	0.99	47065	2067	225	315	6136	2505	2607	6.6	2.4
								50	45.30	46.15	0.85	47066	3236	370	494	8799	3044	4100	6.6	2.9
						:46.15-47.02 = dominated by bleb po>>cpy		chk 50	45.30	46.15	0.85	47066	3103	339	462			3904	6.7	
						giving "spotted" bleb look to gabbro; nicely		avg 50	45.30	46.15	0.85	47066	3170	354.5	478			4002	6.6	
						segregated blebs of cpy-po		51	46.15	47.02	0.87	47067	4169	322	595	10199	4328	5086	7.0	2.4
								chk 51	46.15	47.02	0.87	47067	4311	338	592			5241	7.3	
								avg 51	46.15	47.02	0.87	47067	4240	330	593.5			5164	7.1	
								52	47.02	47.71	0.69	47068	2462	192	301	6094	2737	2975	8.2	2.2
47.71	49.22	1-2	60	40	gabbro to hyp. gabbro	same as previous but with patchy sulphides	90	53	47.71	48.68	0.97	47069	1877	142	269	3821	1717	2288	7.0	2.2
						:decrease in sulphides with only rare		54	48.68	49.22	0.54	47070	524	42	83	848	432	649	6.3	2.0
						segregated bleb of cpy-po and stringer cpy														

Property: Jackie Rastall | Hole No.: JR99-11 | Grid North: 0 | Test Type: Acid
Location: Janes Twp. | Bearing: 300 | Grid East: 31 | Depth: 60m | Result: -70
Started: April 23, 1999 | Dip: -70 | Depth: | Result:
Completed: April 24, 1999 | Casing: 2m | Boxes: 14 | Depth: | Result:
Core Size: NQ | Depth: 60m | Depth: | Result: | Logged By: _____
Contractor: NDS Drilling - Timmins | Elevation: 10.45m | Depth: | Result: | L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
49.22	52.28	<1	--	--	alteration zone	mg; altered gabbro to fine-grained washed out look; Q-C veinlets as "cement" in heavily hematitic stained gabbro; chlorite shears and pink stained feldspar :remnant mafic phenocrysts give "spotted" look to gabbro	90	55	49.22	49.90	0.68	47071	32	5	0	659	277	37		2.4
								56	49.90	50.77	0.87	47072	14	0	0	54	124	14		0.4
								57	50.77	51.62	0.85	47073	13	0	0	96	96	13		1.0
								58	51.62	52.28	0.66	47074	13	0	0	40	132	13		0.3
52.28	59.58	<1	50	50	gabbro	mg; massive' localized alteration to washed out gabbro as previous; previous alteration zone is gradational into current gabbro section :occassional pink feldspar along with pink coloured Q-C veinlets :1-3% quartz :increasingly finer-grained gabbro downhole after ~56m :54.42-55.60 = alteration zone with 10% diss. cpy/po and minor bleb po EOH	98	59	52.28	53.28	1	47075	0	6	0	106	95	6		1.1
								chk 59	52.28	53.28	1	47075	0	0	0					
								avg 59	52.28	53.28	1.00	47075	0	0	0					
								60	53.28	54.39	1.11	47076	0	0	0	116	82	0		1.4
								61	54.39	55.36	0.97	47077	20	8	0	112	63	28		1.8
								62	55.36	55.94	0.58	47078	136	55	44	1709	673	235	3.1	2.5
								63	55.94	56.84	0.90	47079	22	6	0	122	74	28		1.6
								64	56.84	58.17	1.33	47080	16	0	0	106	63	16		1.7
								65	58.17	59.58	1.41	47081	14	0	0	103	68	14		1.5

Property: Jackie Rastall
Location: Janes Twp.
Started: April 27, 1999
Completed: April 27, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-12
Bearing: 300
Dip: -45
Casing: 2m
Depth: 60m
Elevation: 8.91m

Grid North: 71
Grid East: 13

Boxes: 15

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	2.45	–	–	–	–	casing; fragmented core	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2.45	2.69	<1	45	55	gabbro	mg; broken up with ~50% lost core; pebbles	50	none												
2.69	3.52	<1	45	55	gabbro	mg; massive; 3% quartz; gradually darker with increased mafics downhole	98	1	2.69	3.52	0.83	47122	28	0	0	83	55	28		1.5
3.52	6.23	<1	55	45	gabbro	mg; massive; ~1% hypersthene?; finely diss.	100	2	3.52	4.38	0.86	47123	17	0	0	86	61	17		1.4
						cpy-po with localized blebs of po>cpy		3	4.38	5.23	0.85	47124	11	0	0	87	44	11		2.0
						:1-2% quartz; increasing sulphides and		4	5.23	6.23	1.00	47125	15	0	0	94	54	15		1.7
						biotite downhole		chk 4	5.23	6.23	1.00	47125	12	0	0			12		
						:localized patches of "blue" quartz		avg 4	5.23	6.23	1.00	47125	13.5	0	0			13.5		
6.23	17.92	<1	55	45	gabbro to hyp. gabbro	mg; massive; 2-3% hypersthene?; 2% quartz	100	5	6.23	7.33	1.10	47126	25	0	0	61	65	25		0.9
						:gradational contact with upper gabbro		6	7.33	8.01	0.68	47127	11	0	0	61	69	11		0.9
						:hypersthene is patchy with regions of vari-		7	8.01	9.11	1.10	47128	12	0	0	94	56	12		1.7
						textured gabbro in hyp-gabbro		8	9.11	10.21	1.10	47129	16	0	0	82	69	16		1.2
						:patches of cg gabbro (~80m)		9	10.21	11.24	1.03	47130	26	5	0	89	65	31		1.4
								10	11.24	12.14	0.90	47131	0	0	0	84	60	0		1.4
						:locally pink feldspar		11	12.14	12.99	0.85	47132	13	0	0	86	60	13		1.4
						:gradually becomes finer-grained downhole to		12	12.99	13.72	0.73	47133	10	0	0	83	67	10		1.2
						dominantly fine-grained at 17.92m		13	13.72	14.74	1.02	47134	15	0	0	86	56	15		1.5
								chk 13	13.72	14.74	1.02	47134	0	6	0			6		
								avg 13	13.72	14.74	1.02	47134	7.5	3	0			10.5		
								14	14.74	15.79	1.05	47135	11	0	0	84	61	11		1.4
								15	15.79	16.88	1.09	47136	0	0	0	93	60	0		1.6
								16	16.88	17.92	1.04	47137	14	0	0	102	62	14		1.6

Property: Jackie Rastall
Location: Janes Twp.
Started: April 27, 1999
Completed: April 27, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-12
Bearing: 300
Dip: -45
Casing: 2m
Depth: 60m
Elevation: 8.91m

Grid North: 71
Grid East: 13

Boxes: 15

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
17.92	27.34	<1	50	50	gabbro	fg; massive to locally sheared/fractured; finely diss. po-cpy +/- py; localized alteration	90	17	17.92	18.84	0.92	47138	13	5	0	93	74	18		1.3
						:2-3% quartz; hematite stained on fractures		18	18.84	19.80	0.96	47139	10	6	0	109	81	16		1.3
						starts at ~19.5m and increases downhole		19	19.80	20.94	1.14	47140	11	0	0	101	79	11		1.3
								20	20.29	22.28	1.99	47141	13	0	0	64	91	13		0.7
								21	22.28	23.72	1.44	47142	12	5	16	118	100	33	0.8	1.2
						:19.8m = about 10% Q-C veins and hematitic carbonate fractures/veins		22	23.72	25.00	1.28	47143	14	0	0	69	85	14		0.8
								chk 22	23.72	25.00	1.28	47143	13	0	0			13		
						:decrease in grecciated hematitic gabbro to <5% at about 22.28m		avg 22	23.72	25.00	1.28	47143	13.5	0	0			13.5		
								23	25.00	26.26	1.26	47144	0	0	0	99	87	0		1.1
								24	26.26	27.34	1.08	47145	0	6	0	116	108	6		1.1
27.34	29.59	<1	--	--	sediment	fg; conglomerate and wacke?; <1% py :possible gabbro-sed breccia zone for first 1m	100	25	27.34	28.26	0.92	47146	0	0	0	39	81	0		0.5
29.59	60.00	<1	--	--	sediment	fg; massive; arkosic sandstone; homogeneous	100													
						EOH														

Property: Jackie Rastall
Location: Janes Twp.
Started: April 26, 1999
Completed: April 27, 1999
Core Size: NQ
Contractor: NDS Drilling - Timmins

Hole No.: JR99-13
Bearing: 340
Dip: -45
Casing: 3m
Depth: 51m
Elevation: 10.72m

Grid North: 197
Grid East: 51

Boxes: 9

Test Type: none
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:
Depth: Result:

Logged By: L.S. Jobin-Bevans

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
0.00	2.00	–	–	–	–	casing; fragmented core	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2.00	4.40	<1	50	50	gabbro	mg; altered; lost core at various intervals	75	1	2.00	3.35	1.35	47147	81	8	23	125	84	112	3.5	1.5
						:not very representative samples due to core		2	3.35	4.40	1.05	47148	79	8	24	118	90	111	3.3	1.3
						loss and gaps														
4.40	9.13	<1	50	50	gabbro	mg; massive; pinkish feldspar patches; rare	90	3	4.40	5.06	0.66	47149	44	0	15	23	71	59	2.9	0.3
						finely diss. po-cpy; locally up to 2% biotite		4	5.06	6.50	1.44	47150	31	0	0	79	98	31		0.8
						:slight increase in mafics downhole		5	6.50	7.98	1.48	47151	24	0	0	91	71	24		1.3
						:~1% to locally 2% hypersthene after ~7m		6	7.98	9.13	1.15	47152	17	0	0	118	62	17		1.9
						:lost core (10%) in samples 04 and 05		chk 6	7.98	9.13	1.15	47152	19	0	0			19		
						:~2% quartz		avg 6	7.98	9.13	1.15	47152	18	0	0			18		
						:lower contact is gradational into darker gabbro														
9.13	11.45	<1	55	45	gabbro to	mg; massive; 2-3% quartz and 2% hypersthene	95	7	9.13	10.49	1.36	47153	23	0	0	95	64	23		1.5
					hyp. gabbro	: 1% biotite; mainly finely diss. cpy-po		8	10.49	11.45	0.96	47154	24	0	0	96	60	24		1.6
11.45	21.69	1-3	60	40	gabbro to	mg; massive; similar to previous but with	100	9	11.45	12.34	0.89	47155	22	0	0	97	45	22		2.2
					hyp. gabbro	increased mafics; 2-5% hypersthene		10	12.34	13.29	0.95	47156	18	0	0	124	44	18		2.8
						:~1% quartz or less		11	13.29	14.06	0.77	47157	18	0	0	96	43	18		2.2
					cont. next page	:"spotted" altered gabbro with blebs of po-pn?		12	14.06	15.24	1.18	47158	42	5	0	104	48	47		2.2
						and diss. cpy-po (5%)		13	15.24	16.27	1.03	47159	11	0	0	98	48	11		2.0
						:possible 5% non-magnetic oxides		14	16.27	17.29	1.02	47160	11	0	20	95	38	31	0.6	2.5
						:less alteration but spots persist as oxide		15	17.29	18.36	1.07	47161	0	0	0	97	35	0		2.8
						grains after 18.36m; grains up to 3mm		16	18.36	19.52	1.16	47162	0	0	16	90	33	16		2.7
						diameter and decrease to ~2% after 18m		17	19.52	20.52	1.00	47163	20	0	0	87	34	20		2.6
								18	20.52	21.69	1.17	47164	11	0	0	88	33	11		2.7

Property: Jackie Rastall | Hole No.: JR99-13 | Grid North: 197 | Test Type: none
Location: Janes Twp. | Bearing: 340 | Grid East: 51 | Depth: | Result:
Started: April 26, 1999 | Dip: -45 | | Depth: | Result:
Completed: April 27, 1999 | Casing: 3m | Boxes: 9 | Depth: | Result:
Core Size: NQ | Depth: 51m | | Depth: | Result: | Logged By: L.S. Jobin-Bevans
Contractor: NDS Drilling - Timmins | Elevation: 10.72m | | Depth: | Result:

Units: metres

From	To	%VS	%M	%F	Rock Type	Description	%Core	Sample	From	To	Interval	Tag No.	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	PGM	Pd:Pt	Cu:Ni
11.45	21.69	1-3	60	40	gabbro to hyp. gabbro	cont. from previous page	100													
						:increase to 5% diss. and bleb po>>cpy at														
					continued	about 20.5m														
21.69	24.47	3-5	65	35	hyp. gabbro	mg; 5-10% hypersthene; massive; mainly bleb	100	19	21.69	22.71	1.02	47165	18	0	0	91	36	18		2.5
						po>cpy		20	22.71	23.73	1.02	47166	13	0	0	92	34	13		2.7
						:gradational into fine-grained gabbro downhole		21	23.73	24.47	0.74	47167	24	0	18	93	38	42	1.3	2.4
								chk 21	23.73	24.47	0.74	47167	26	0	0			26		
								avg 21	23.73	24.47	0.74	47167	25	0	9			34		
24.47	31.73	1-2	50	50	gabbro to quartz gabbro	fg; massive; finely diss. po-cpy with rare blebs	100	22	24.47	25.20	0.73	47168	12	0	23	91	37	35	0.5	2.5
						:5% to 10% quartz; locally up to 2% finely		23	25.20	25.84	0.64	47169	17	0	16	91	47	33	1.1	1.9
						diss. sulphide		24	25.84	27.09	1.25	47170	14	0	32	86	38	46	0.4	2.3
						:chilled gabbro with slightly coarser patches		25	27.09	28.27	1.18	47171	10	0	26	99	43	36	0.4	2.3
						of fg gabbro		26	28.27	29.86	1.59	47172	13	0	22	103	52	35	0.6	2.0
						:<1% sulphide after 25.84m		27	29.86	31.03	1.17	47173	13	0	21	97	51	34	0.6	1.9
								28	31.03	31.73	0.70	47174	11	23	0	109	60	34		1.8
31.73	33.04	<1	--	--	sed-gabbro contact zone	sheared fg sediments +/- gabbro?	85	29	31.73	33.04	1.31	47175	28	0	0	237	55	28		4.3
						:lost ~15 cm b/w 31.73 and 33.04 m														
33.04	51.00	<1	--	--	sediment	fg; massive to sheared; locally brecciated	85	30	33.04	34.66	1.62	47176	0	0	15	35	39	15		0.9
						:arkosic sandstone/conglomerate		chk 30	33.04	34.66	1.62	47176	0	0	0			0		
						:lost ~20 cm core b/w 33.04 and 34.66 m		avg 30	33.04	34.66	1.62	47176	0	0	7.5			7.5		
								31	34.66	35.83	1.17	47177	0	0	0	33	40	0		0.8
						EOH		32	35.83	36.79	0.96	47178	0	0	0	33	41	0		0.8

APPENDIX II

Claim Map of Janes Township

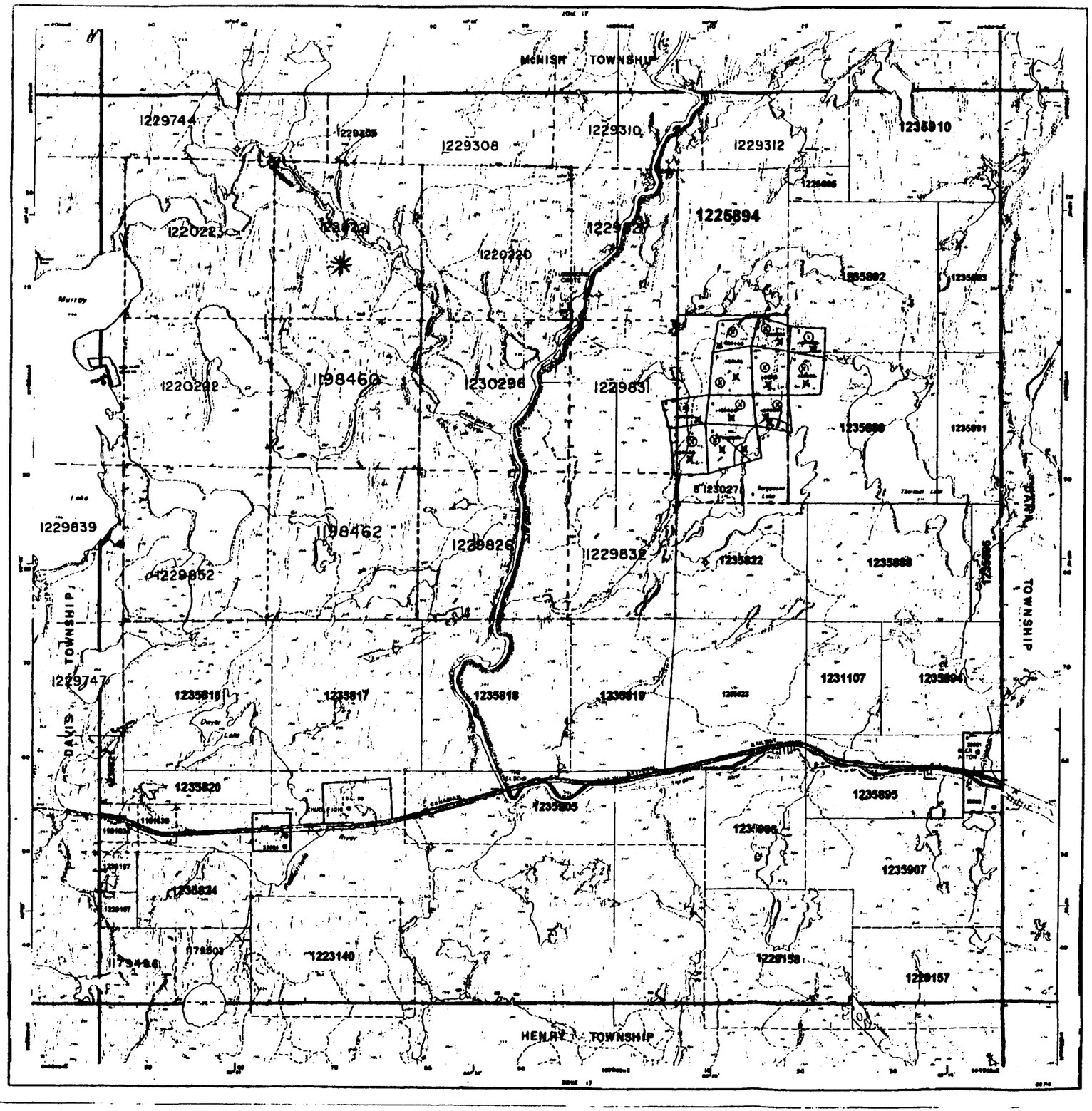
Plan Maps: Exploration Grid and Drill Hole Locations

Cross Sections for Diamond Drill Holes

→ values in brackets beside Trenches indicate

projections: "+" = out of page (southward)

"-" = into page (northward)



Ministry of Natural Resources
Ministry of Northern Affairs and Mines

MAY 6/99

INDEX TO LAND DISPOSITION

PLAN
G-2907

TOWNSHIP
JANES

G.R.D. ADMINISTRATIVE DISTRICT
NORTH BAY

MINING DIVISION
SUDBURY

LAND TITLES/REGISTRY DIVISION
SUDBURY

Scale 1:20 000

Contour Interval 10 Metres

main claims

* J. Rastall Prospect

SYMBOLS

AREAS WITHDRAWN FROM DISPOSITION

NOTES

Subdivision of this Township into Lots and Concessions was completed 30th December, 1960.

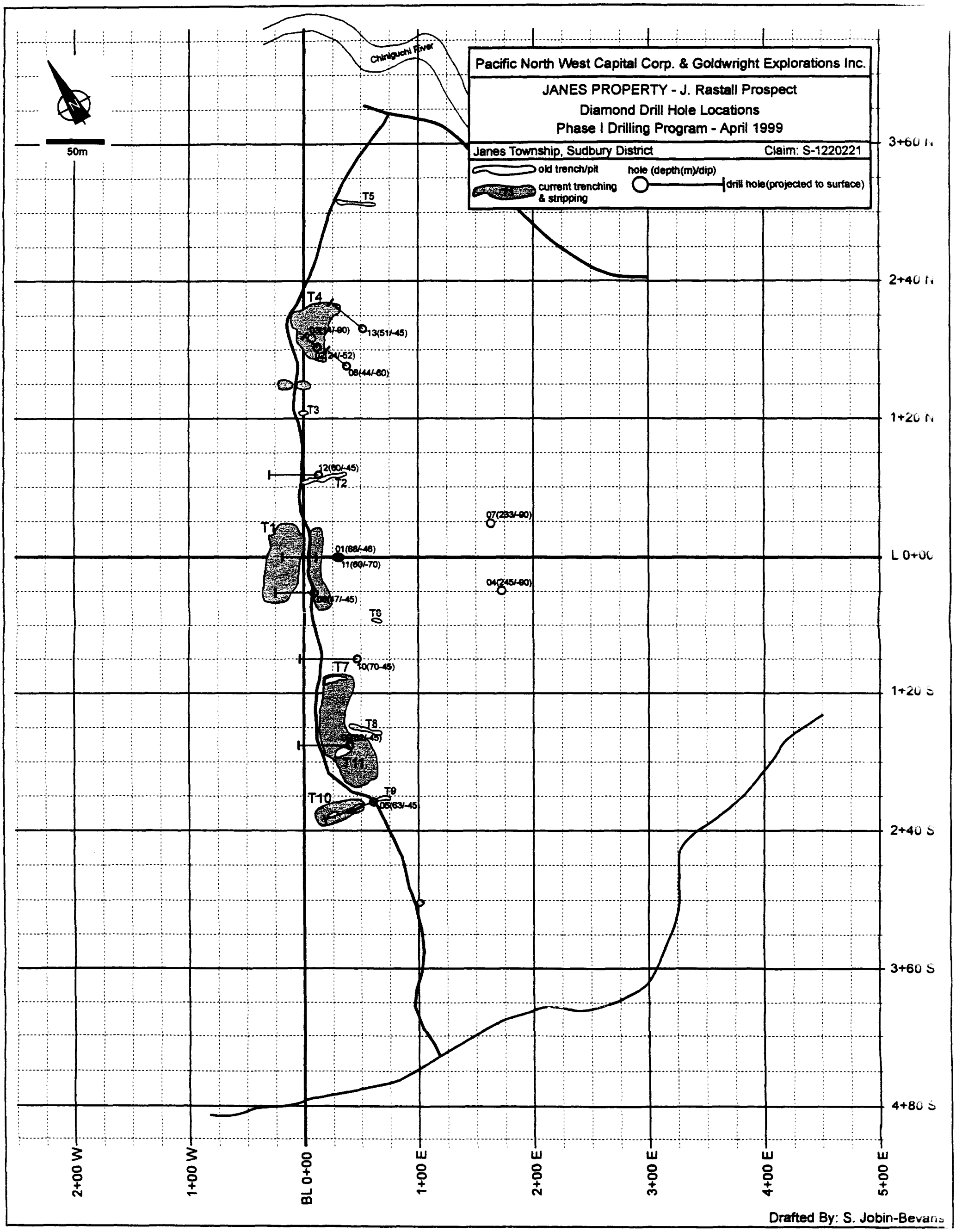
DISPOSITION OF CROWN LANDS

QUARRY PERMITS

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

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources

The disposition of land, location of lot fabric and general information on this index are compiled for administrative purposes only.



Exploration grid and location of drill holes from current drill program.

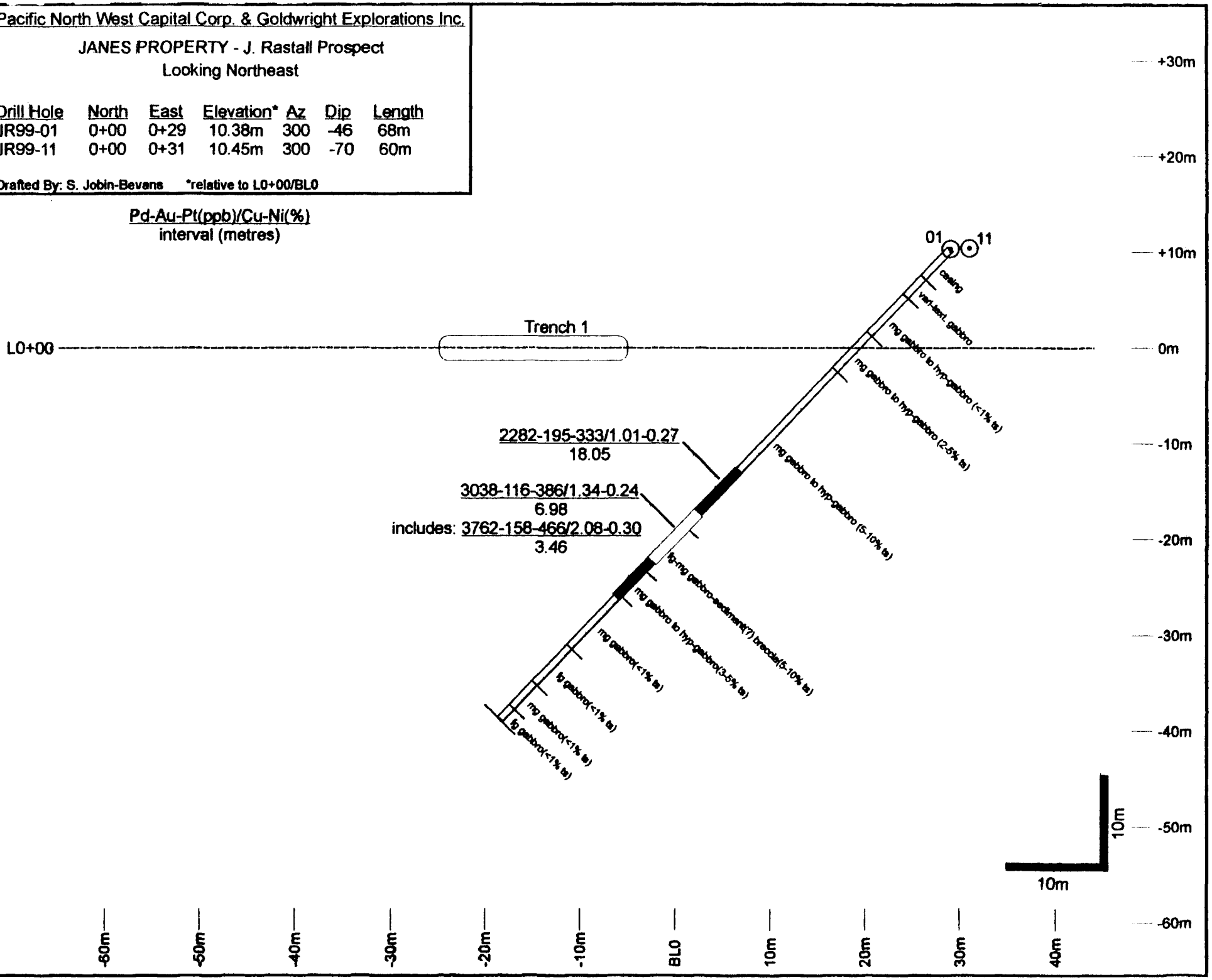
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect

Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-01	0+00	0+29	10.38m	300	-46	68m
JR99-11	0+00	0+31	10.45m	300	-70	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

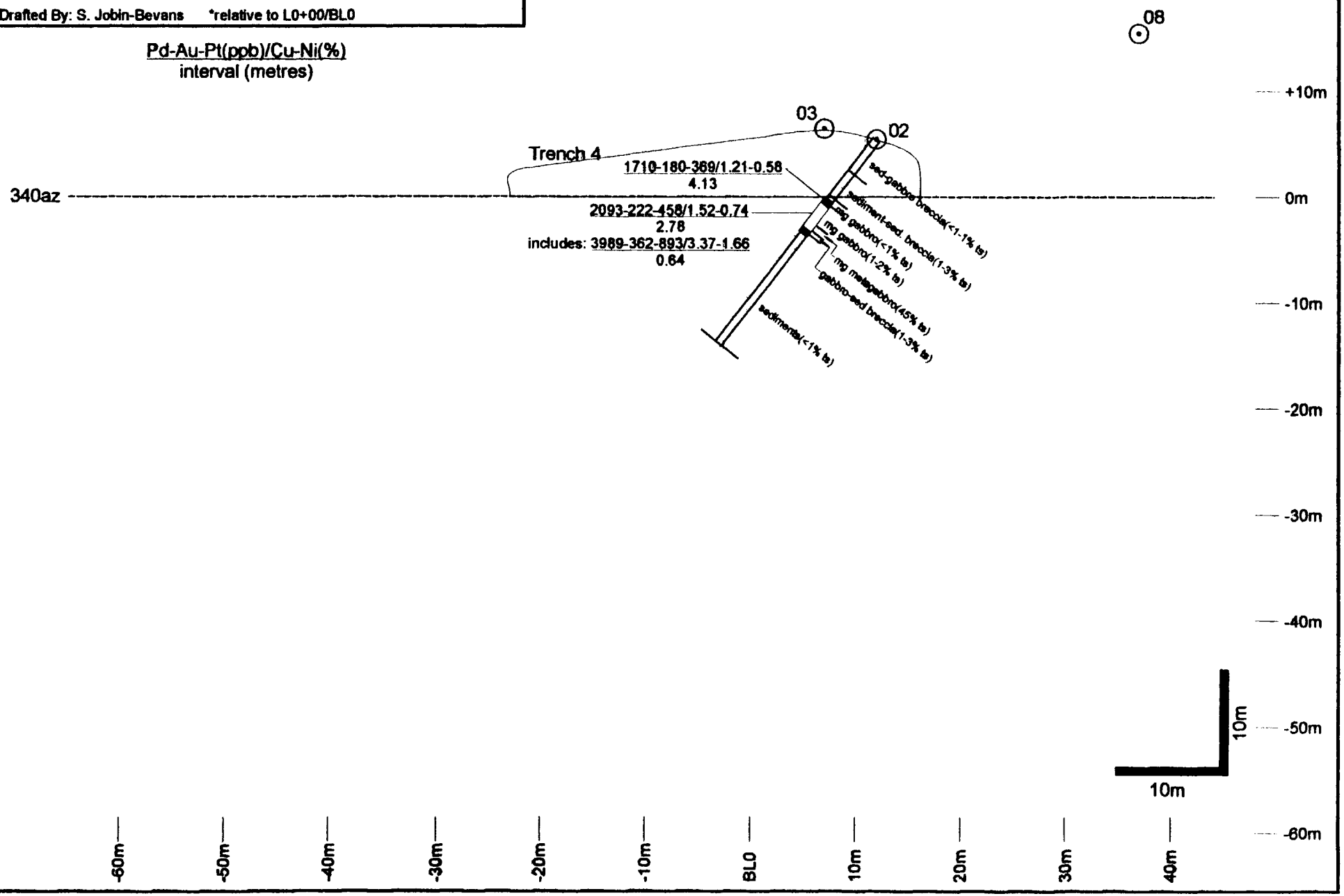


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-02	1+81	0+12	5.45m	342	-52	24m
JR99-03	1+89	0+07	6.45m	0	-90	14m
JR99-08	1+65	0+37	15.48m	340	-60	44m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

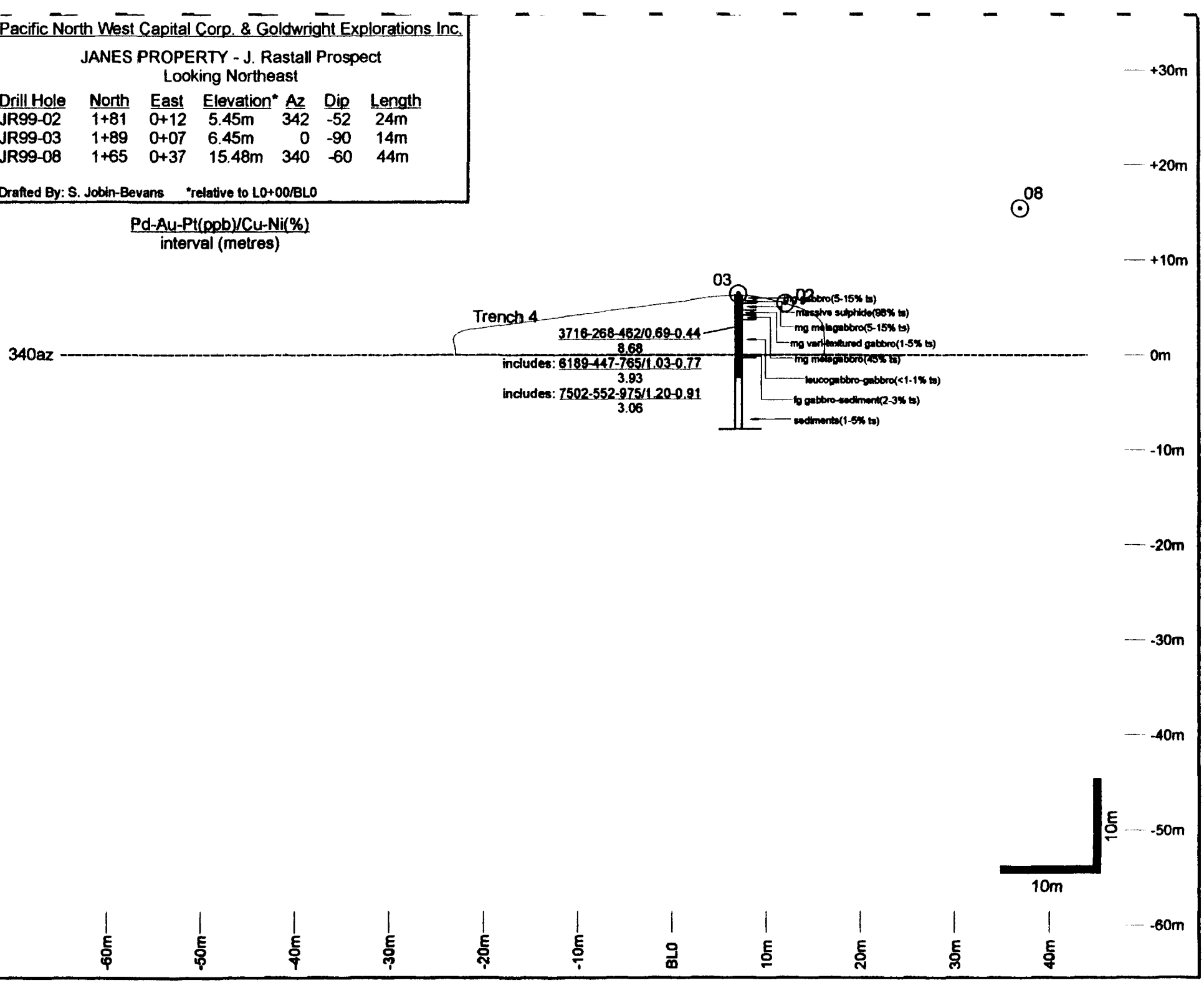


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-02	1+81	0+12	5.45m	342	-52	24m
JR99-03	1+89	0+07	6.45m	0	-90	14m
JR99-08	1+65	0+37	15.48m	340	-60	44m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

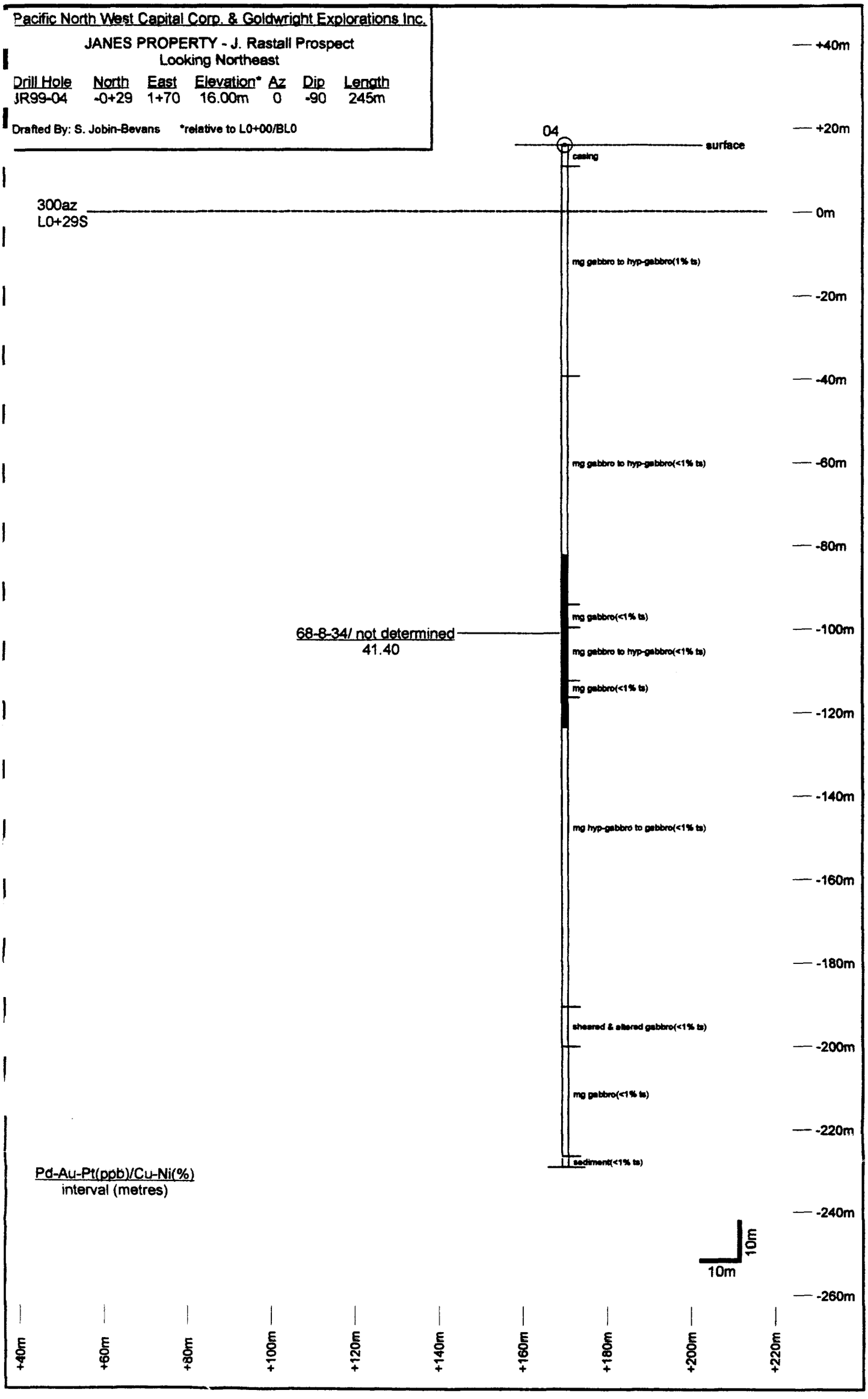


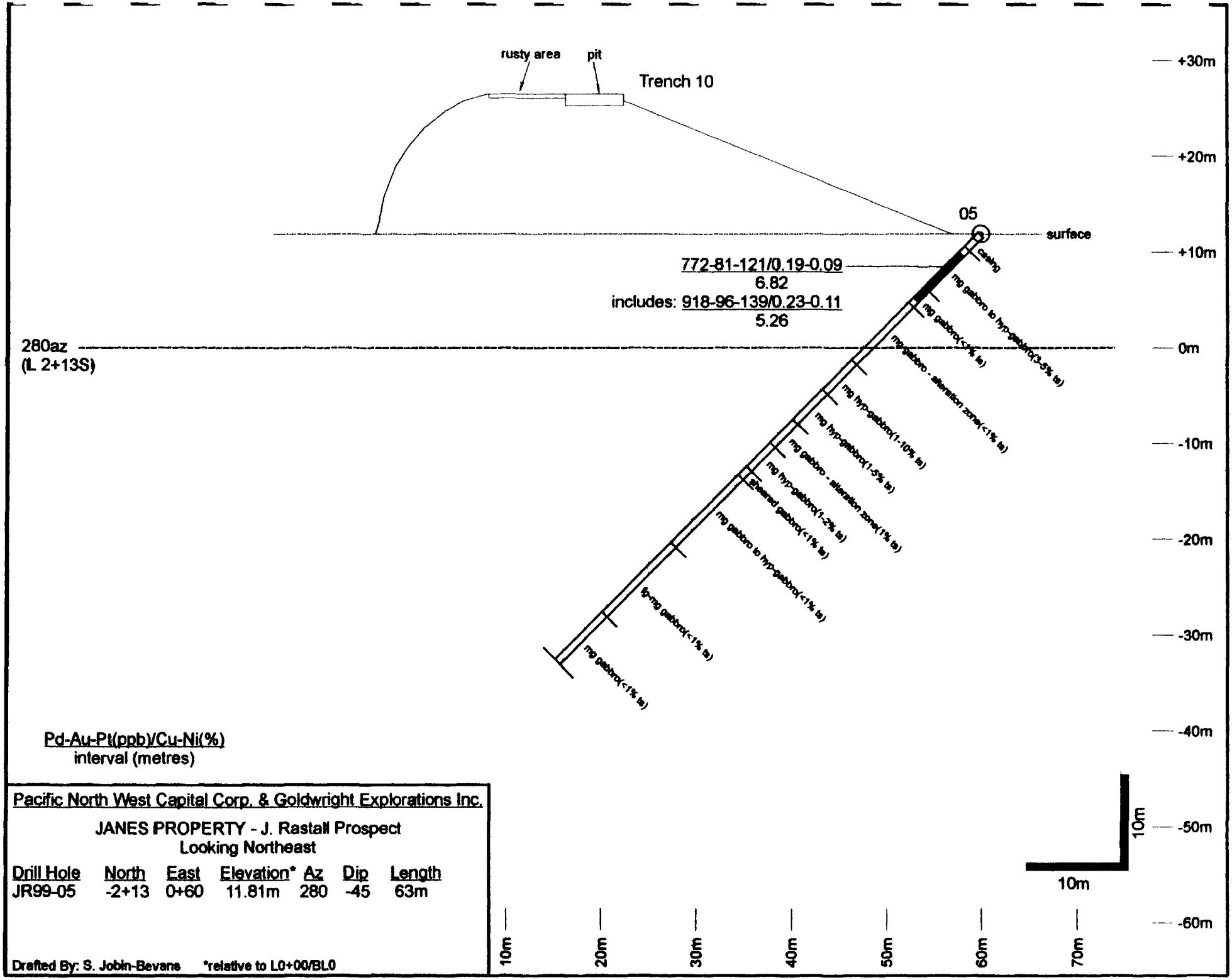
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-04	-0+29	1+70	16.00m	0	-90	245m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0




rusty area
pit
Trench 10
+30m
+20m
05
surface
+10m
772-81-121/0.19-0.09
6.82
includes: 918-96-139/0.23-0.11
5.26
280az
(L 2+13S)
0m
-10m
-20m
-30m
-40m
-50m
-60m
Pd-Au-Pt(ppb)/Cu-Ni(%)
interval (metres)
Pacific North West Capital Corp. & Goldwright Explorations Inc.
JANES PROPERTY - J. Rastall Prospect
Looking Northeast
Drill Hole North East Elevation* Az Dip Length
JR99-05 -2+13 0+60 11.81m 280 -45 63m
Drafted By: S. Jobin-Bevans *relative to L0+00/BL0
10m
10m
10m
20m
30m
40m
50m
60m
70m

Pacific North West Capital Corp. & Goldwright Explorations Inc.

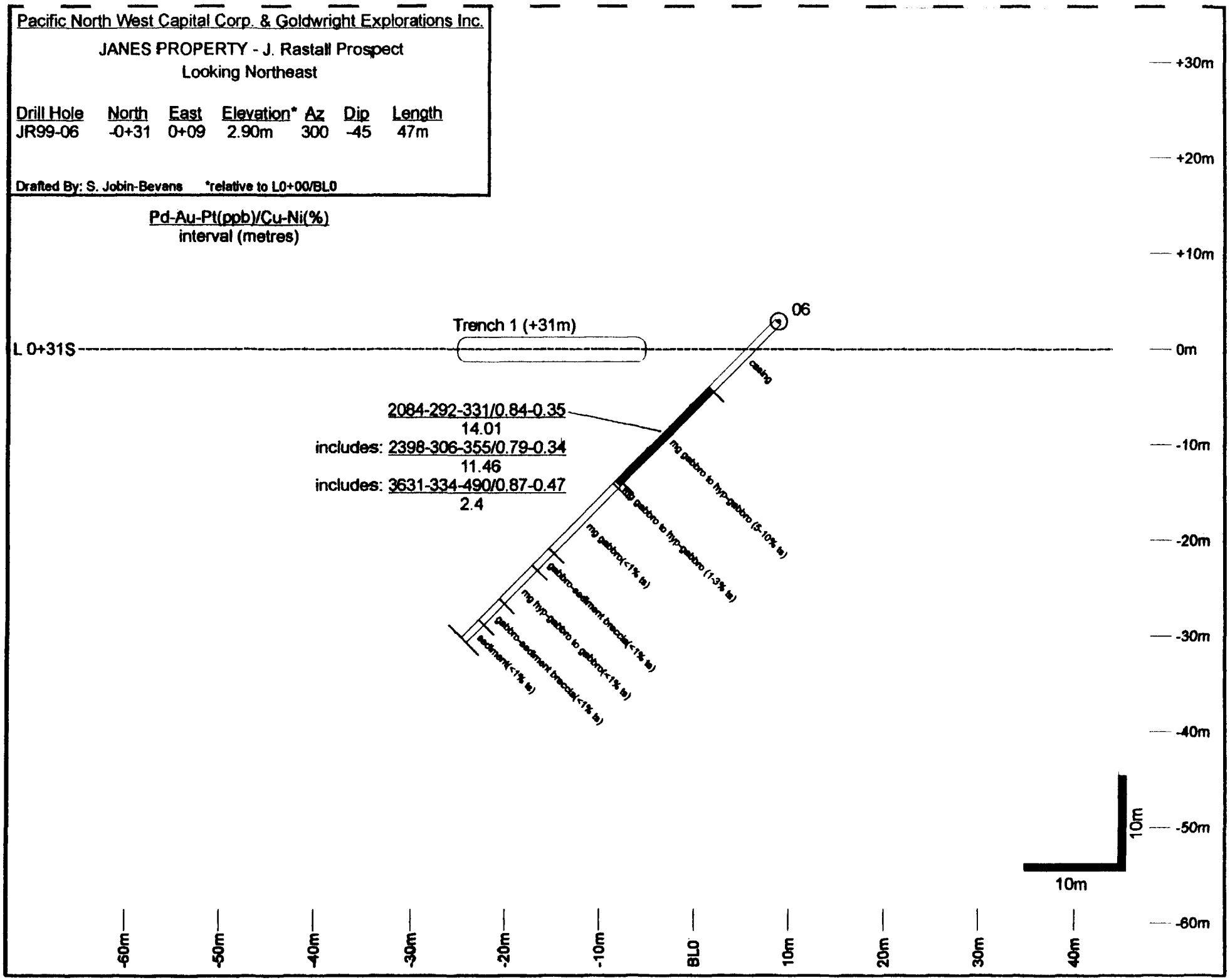
JANES PROPERTY - J. Rastall Prospect

Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-06	-0+31	0+09	2.90m	300	-45	47m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

Pd-Au-Pt(ppb)/Cu-Ni(%)
interval (metres)

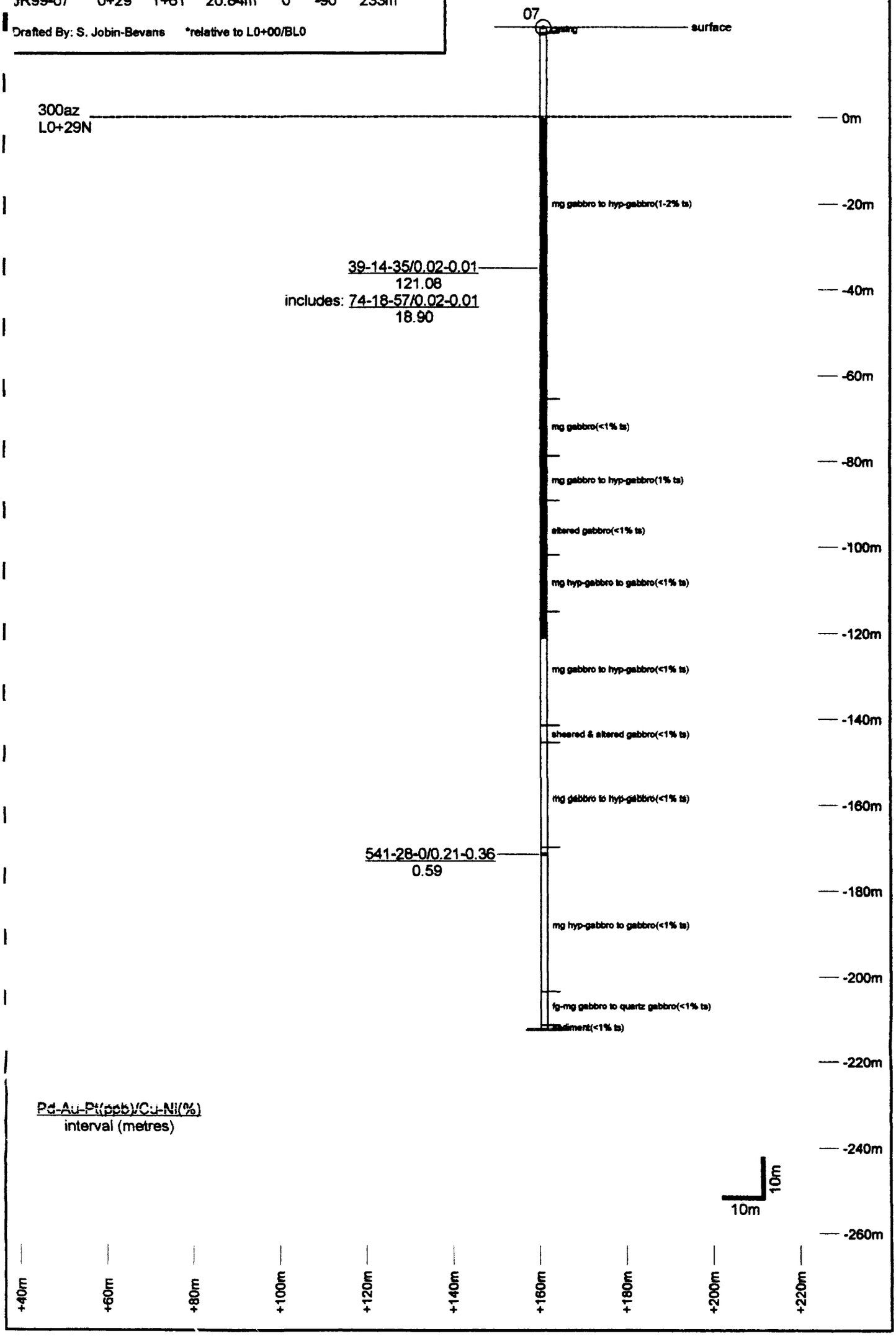


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-07	0+29	1+61	20.84m	0	-90	233m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

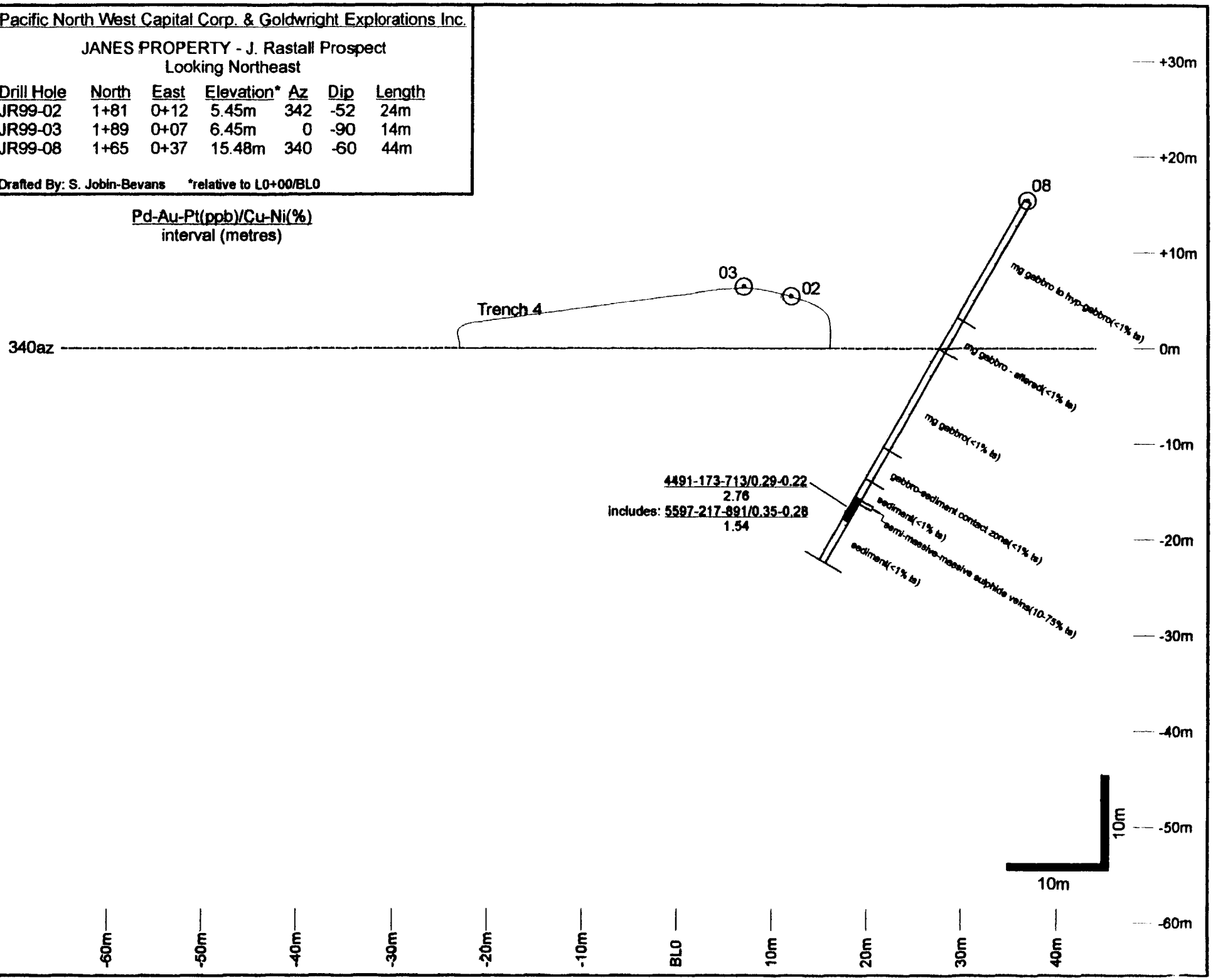


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-02	1+81	0+12	5.45m	342	-52	24m
JR99-03	1+89	0+07	6.45m	0	-90	14m
JR99-08	1+65	0+37	15.48m	340	-60	44m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

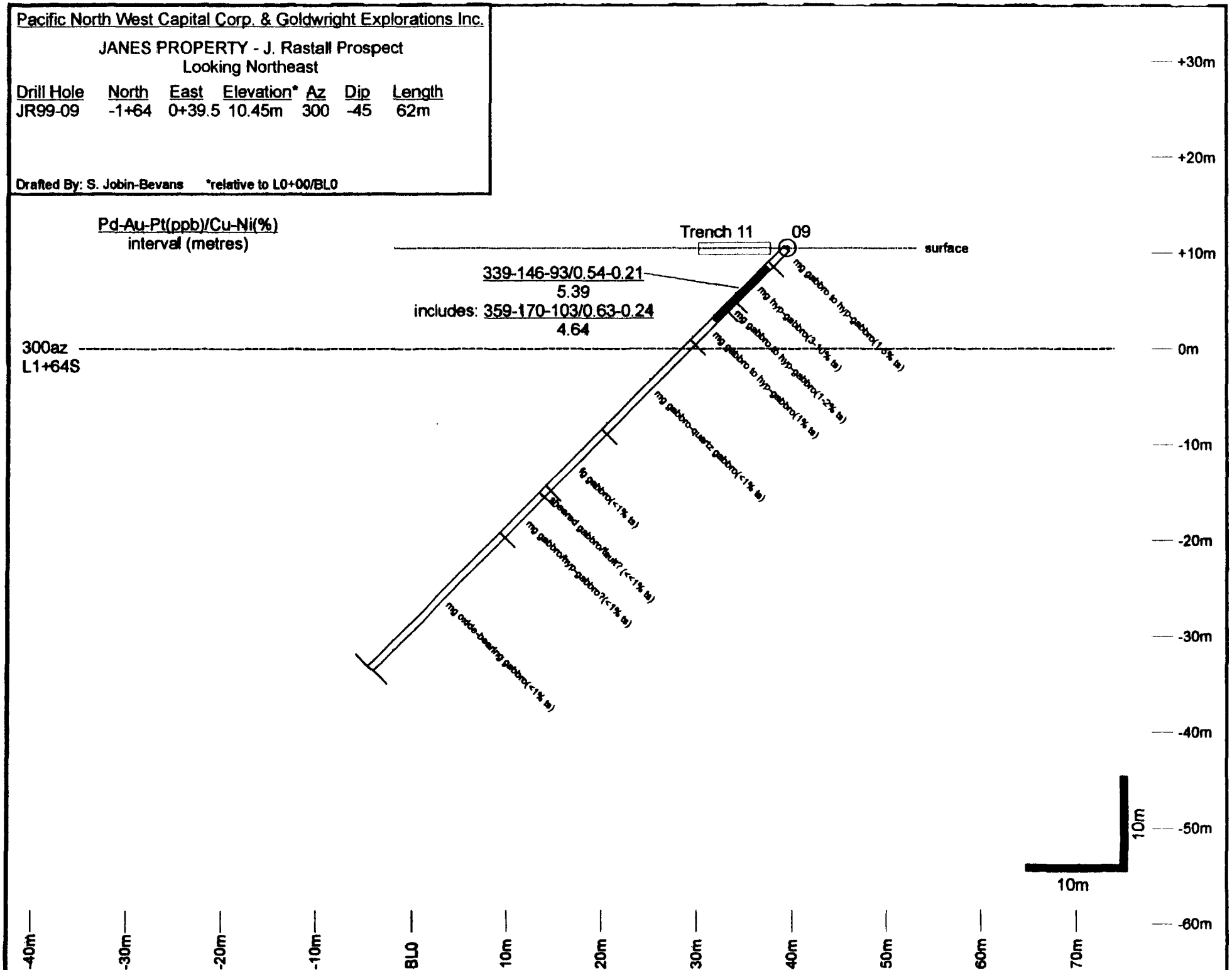


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-09	-1+64	0+39.5	10.45m	300	-45	62m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0



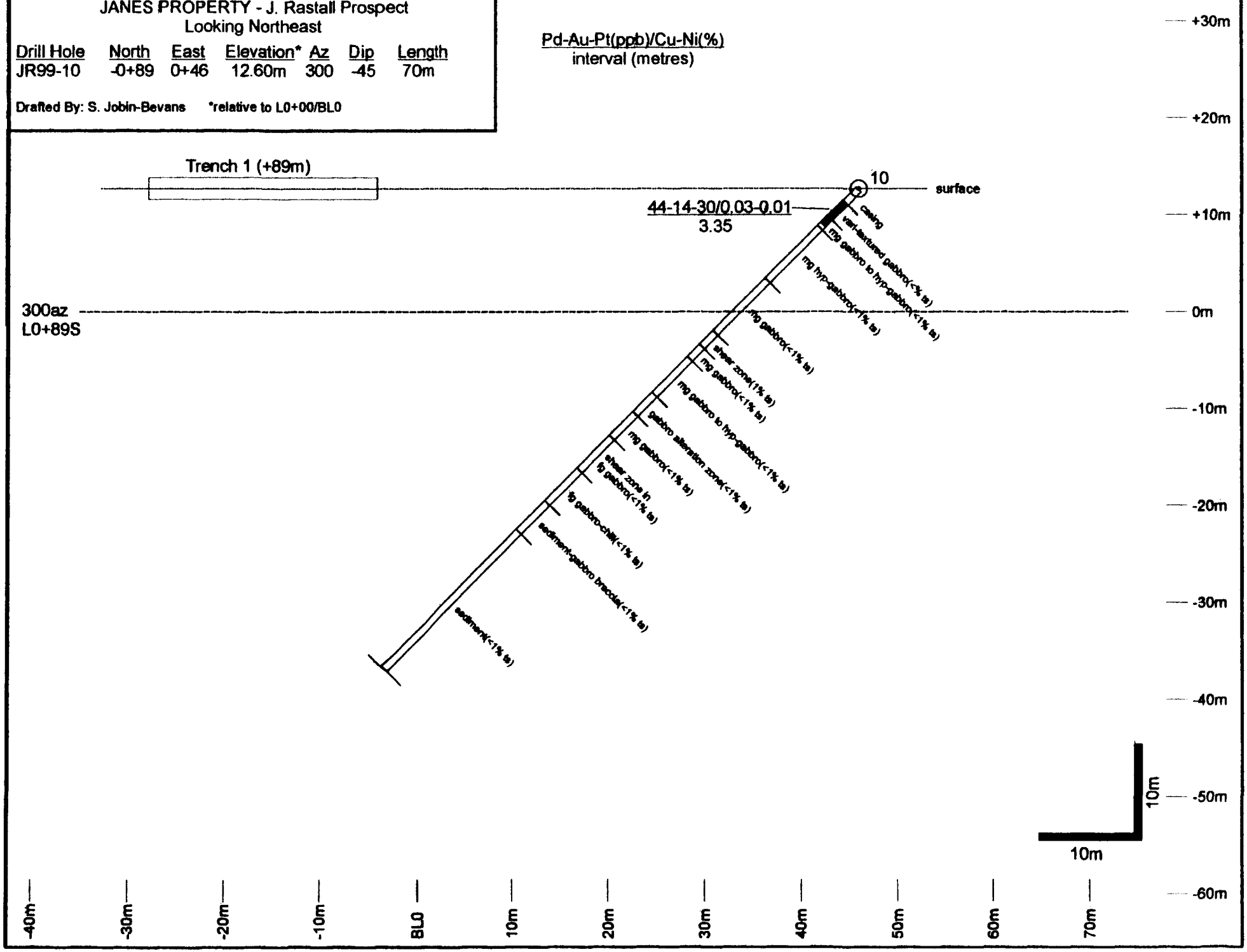
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-10	-0+89	0+46	12.60m	300	-45	70m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

Pd-Au-Pt(ppb)/Cu-Ni(%)
interval (metres)



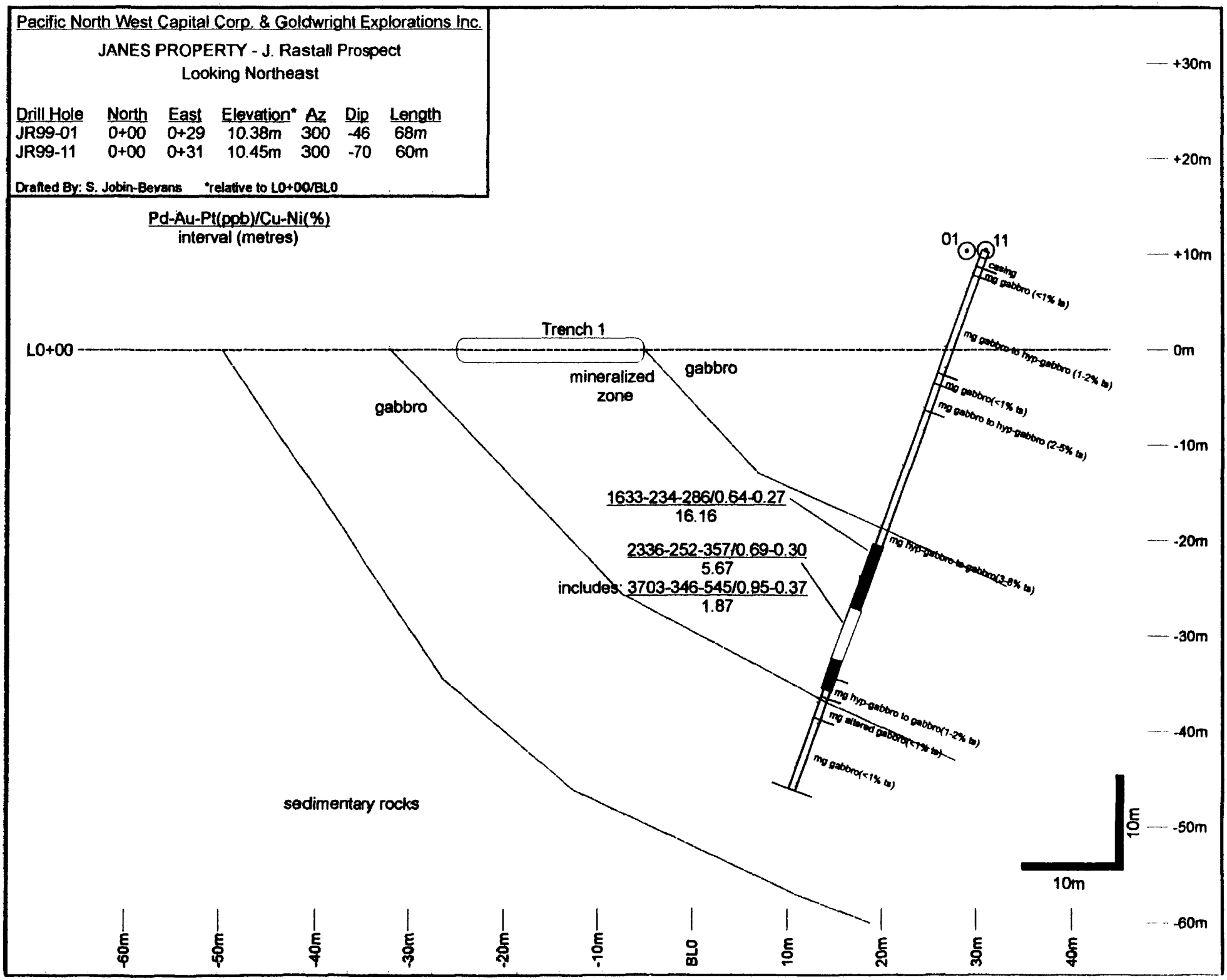
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect

Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-01	0+00	0+29	10.38m	300	-46	68m
JR99-11	0+00	0+31	10.45m	300	-70	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0



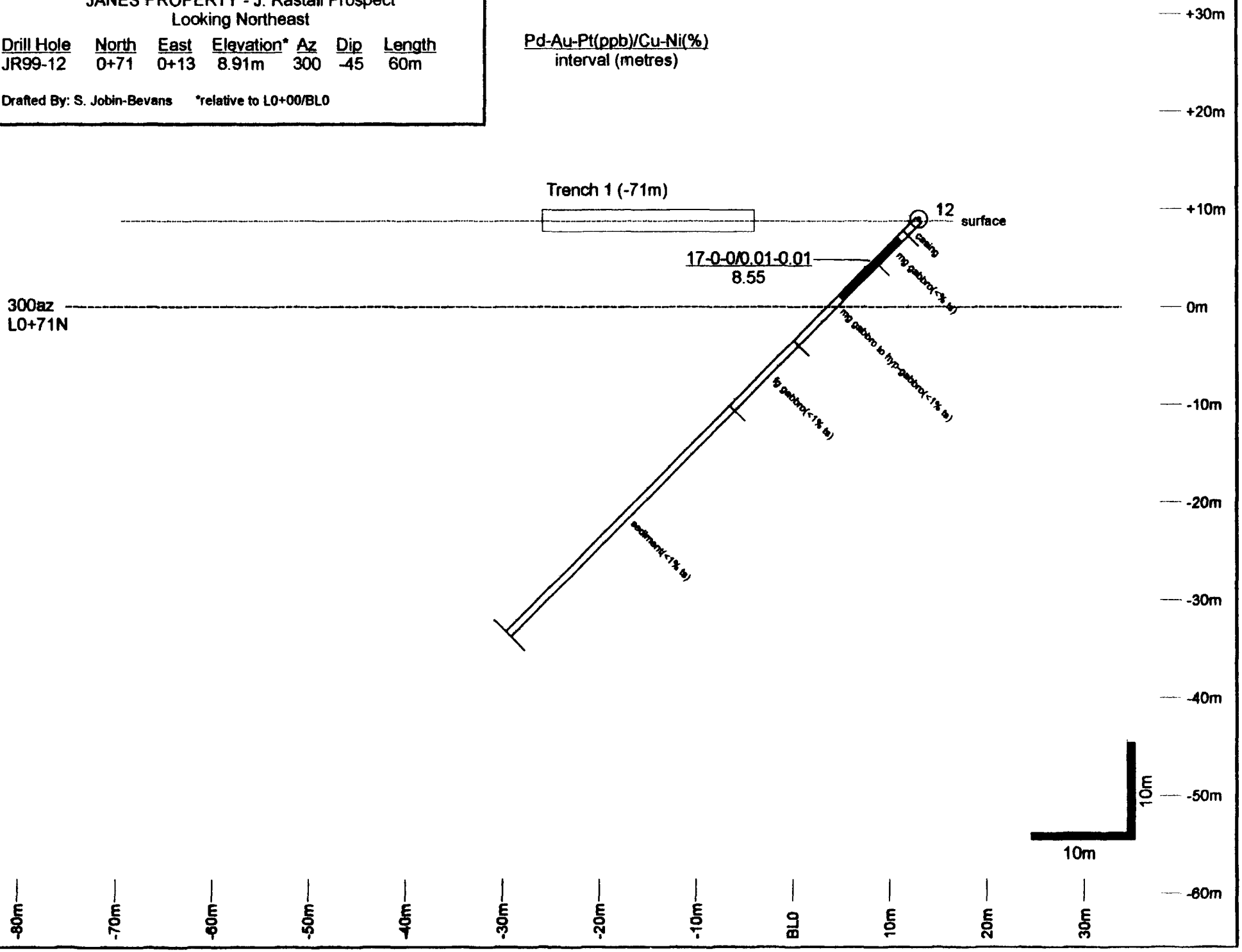
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-12	0+71	0+13	8.91m	300	-45	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

Pd-Au-Pt(ppb)/Cu-Ni(%)
interval (metres)

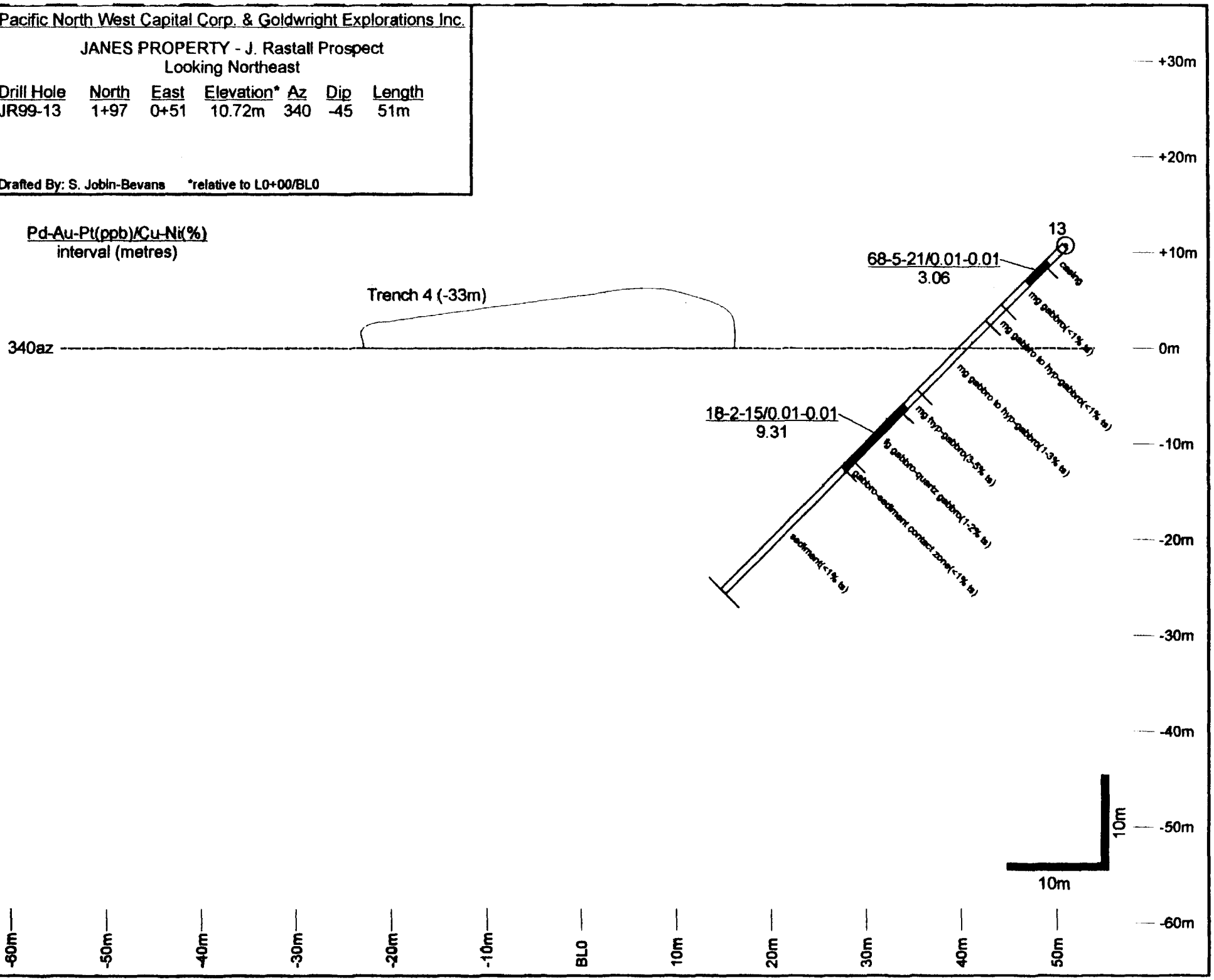


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-13	1+97	0+51	10.72m	340	-45	51m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0



Geological Cross Sections for Drill Holes

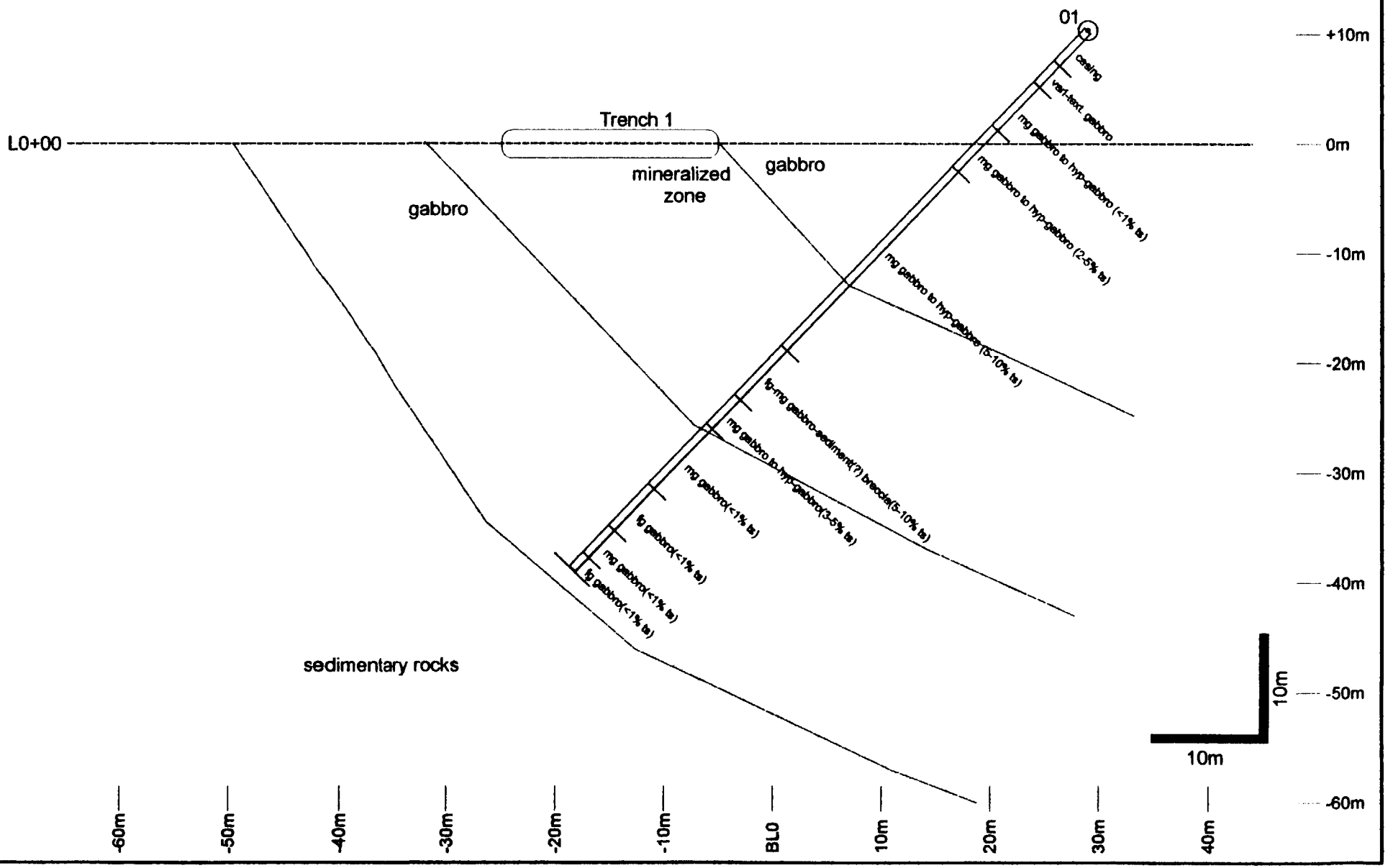
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect

Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-01	0+00	0+29	10.38m	300	-46	68m
JR99-11	0+00	0+31	10.45m	300	-70	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

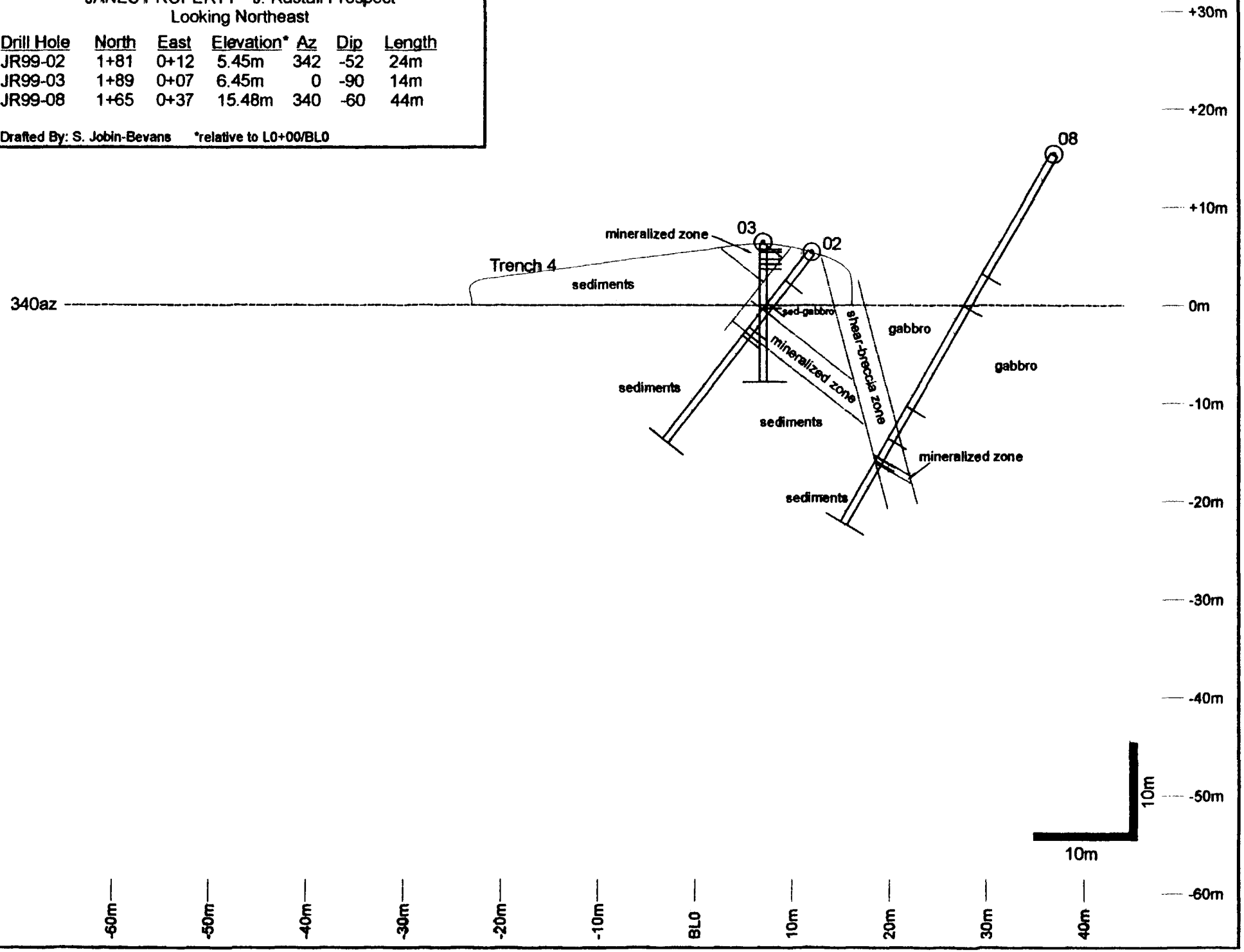


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-02	1+81	0+12	5.45m	342	-52	24m
JR99-03	1+89	0+07	6.45m	0	-90	14m
JR99-08	1+65	0+37	15.48m	340	-60	44m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

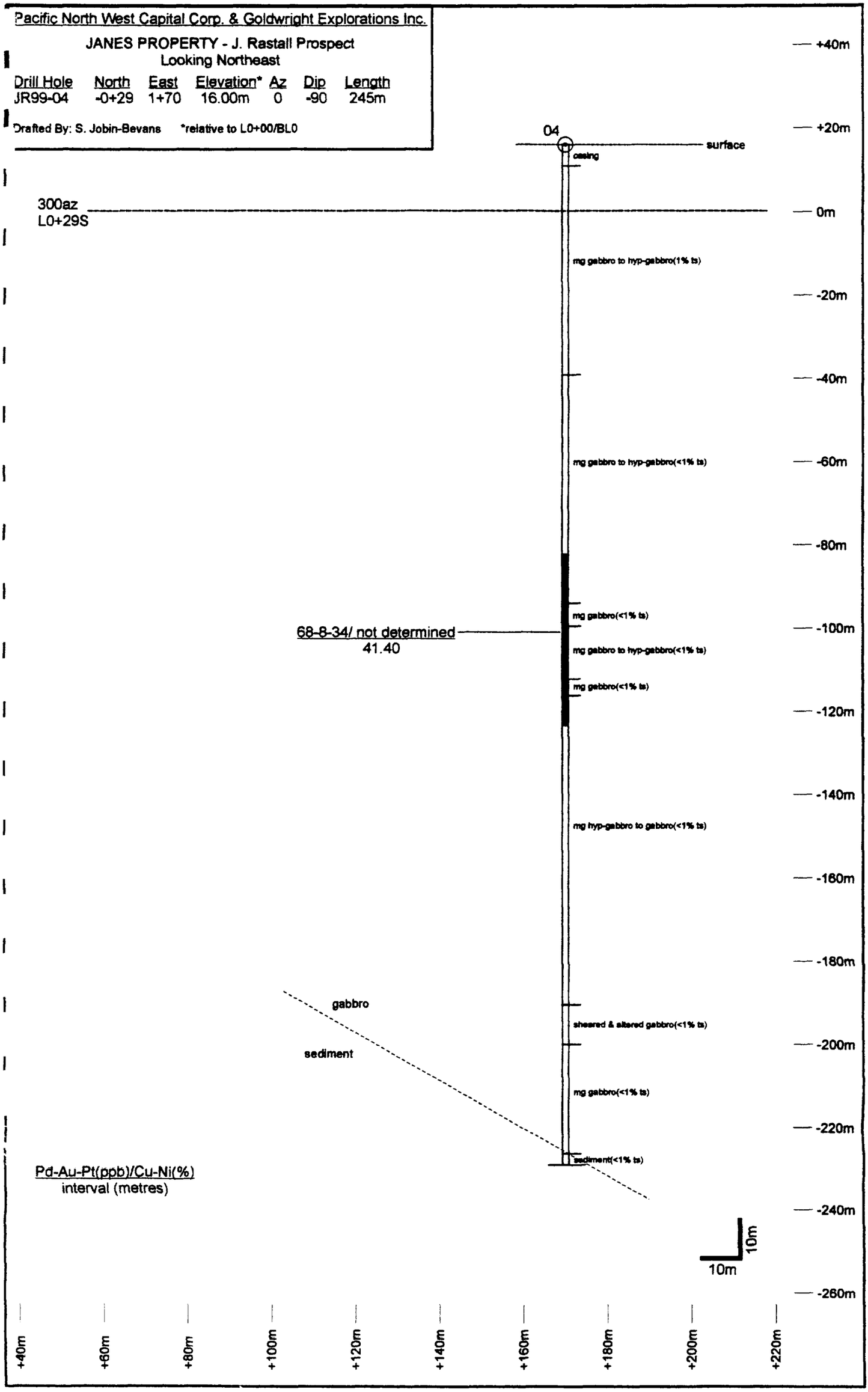


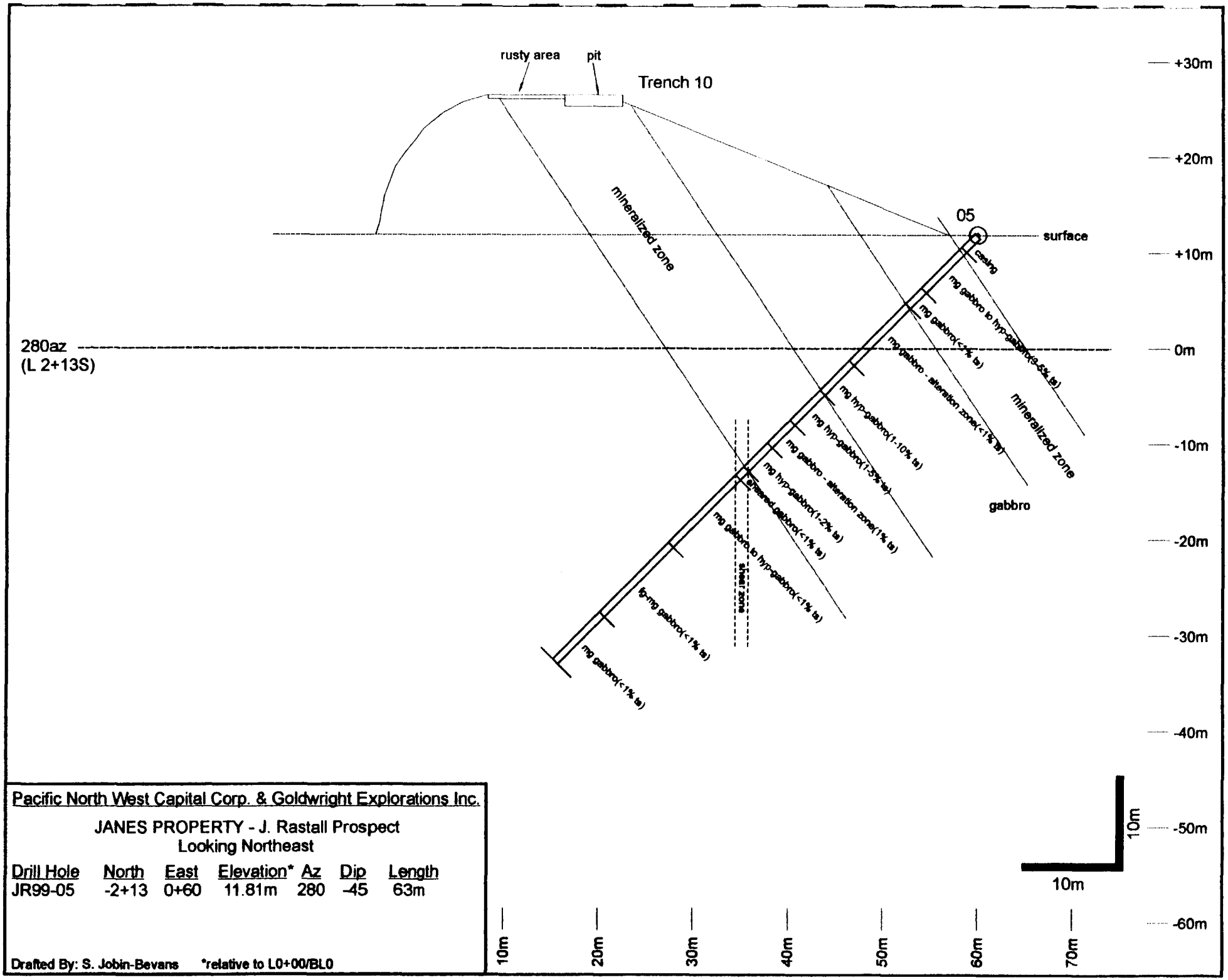
Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-04	-0+29	1+70	16.00m	0	-90	245m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0





Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-05	-2+13	0+60	11.81m	280	-45	63m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect

Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-06	-0+31	0+09	2.90m	300	-45	47m

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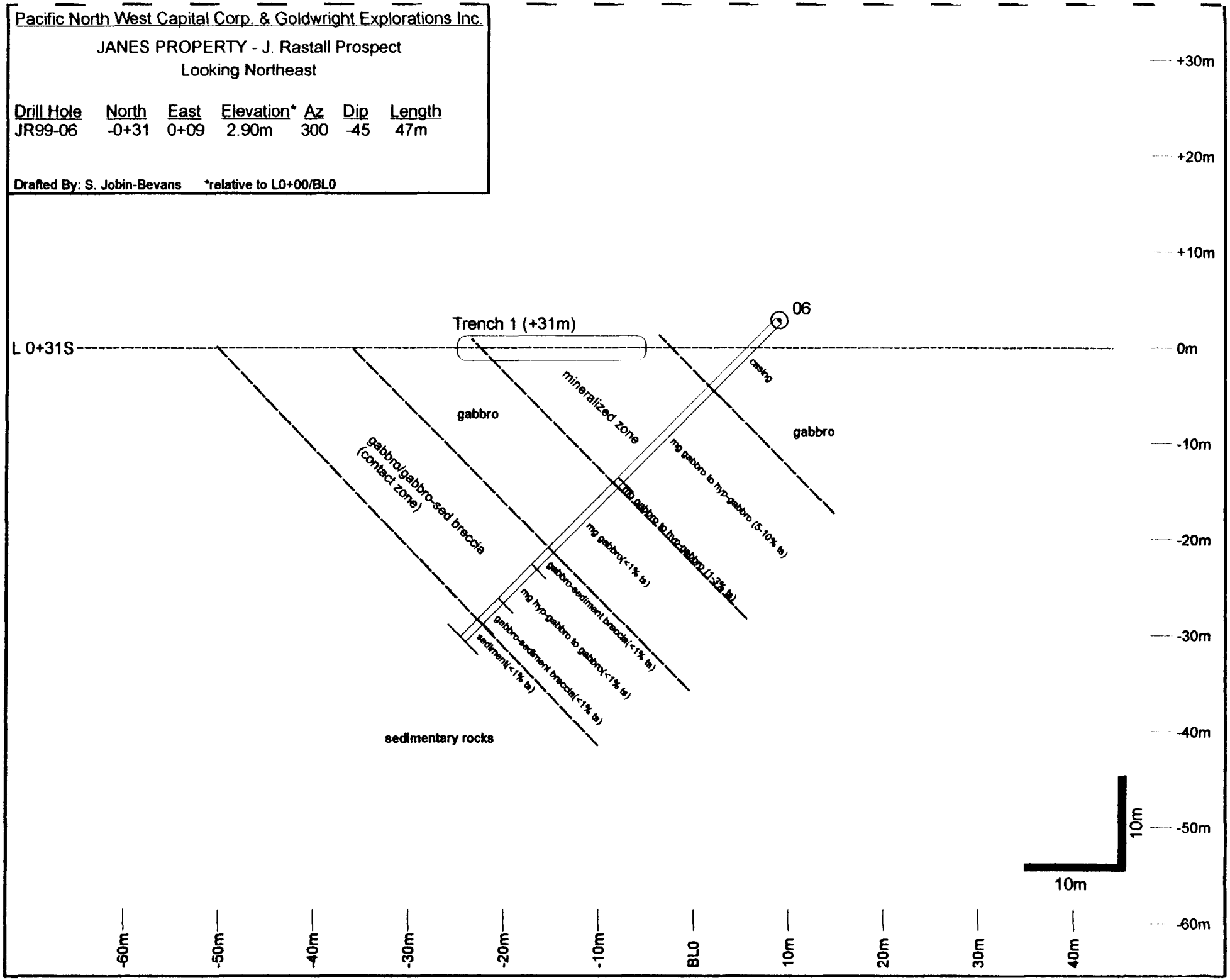

Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-07	0+29	1+61	20.84m	0	-90	233m

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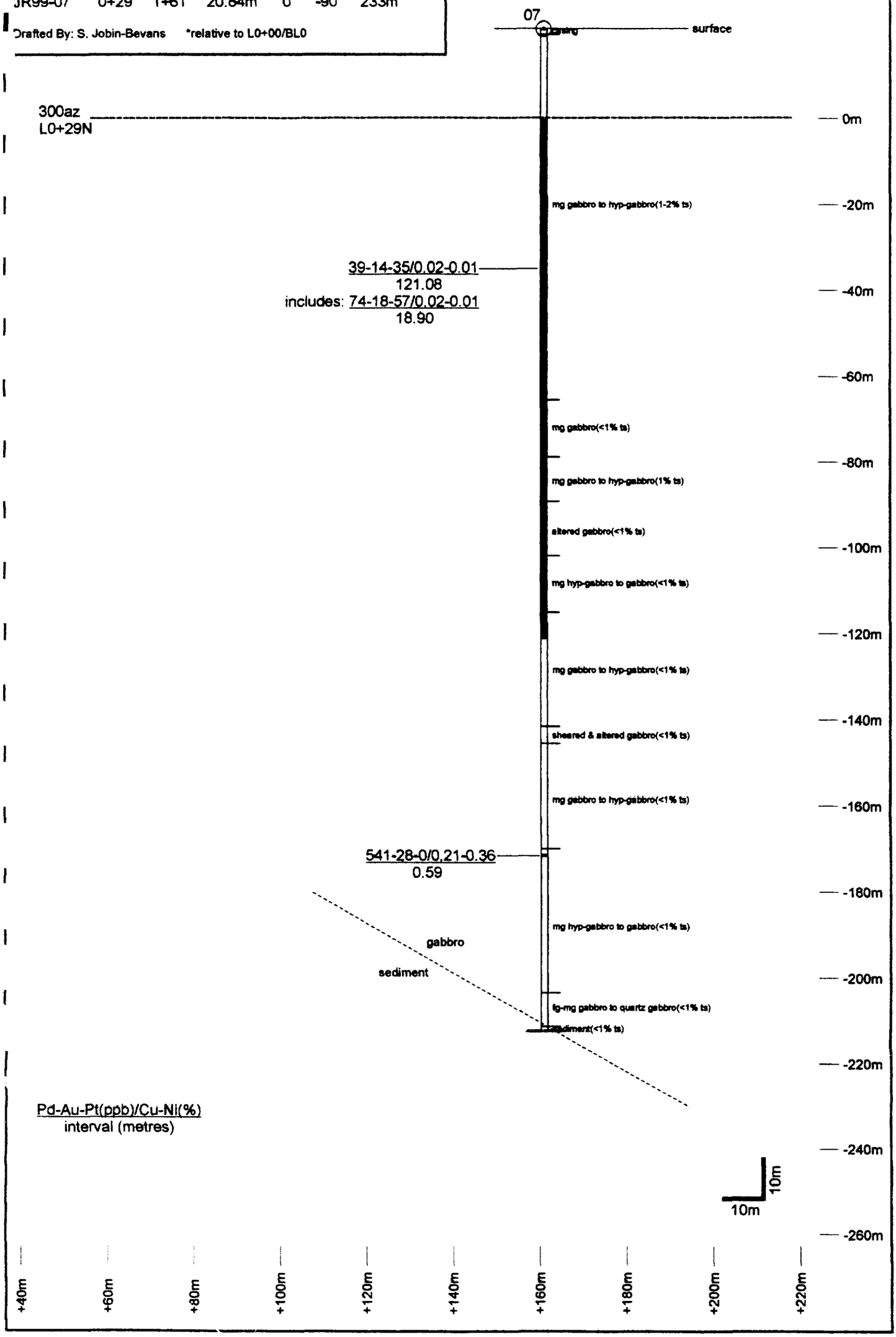
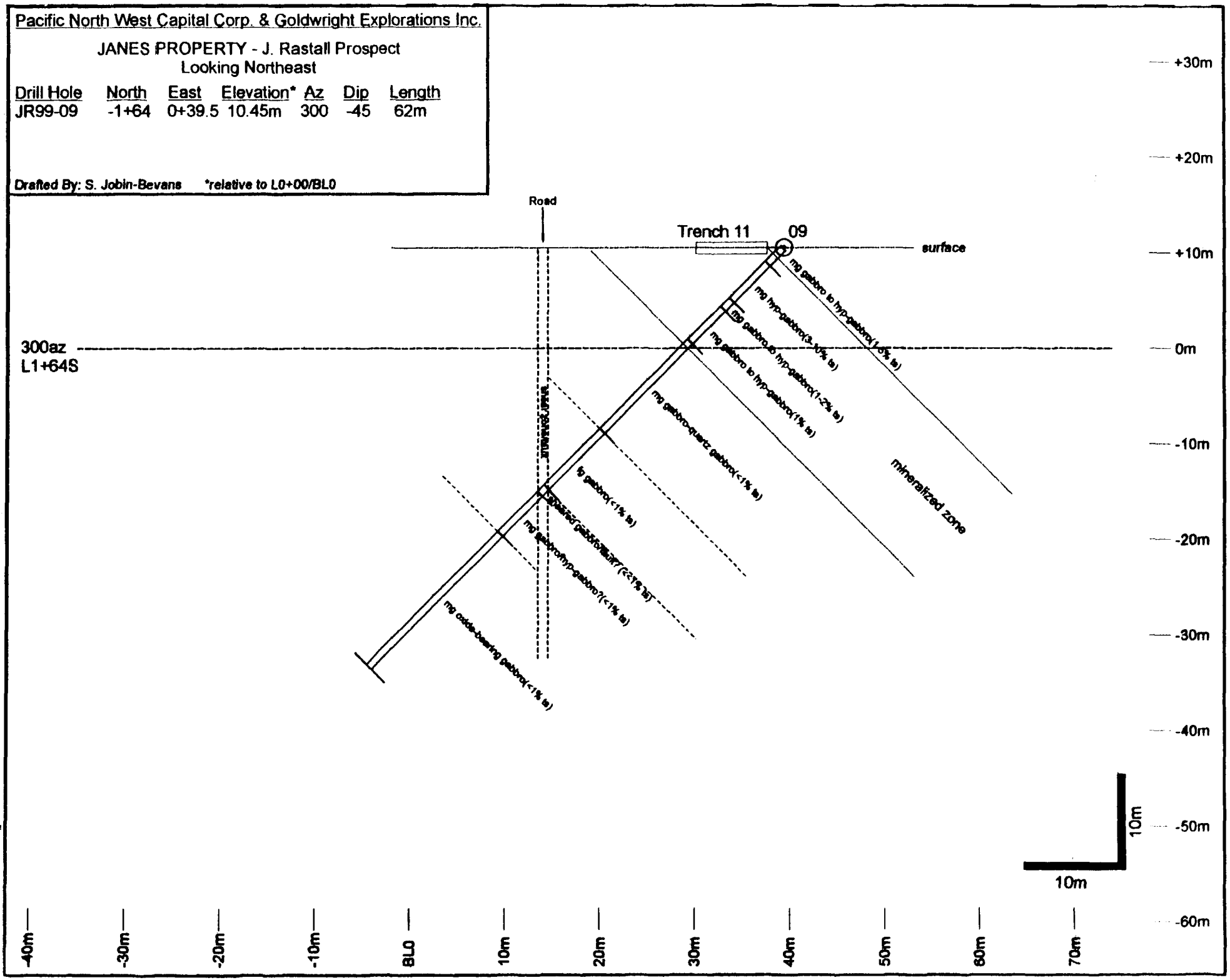


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-09	-1+64	0+39.5	10.45m	300	-45	62m

Drafted By: S. Jobin-Bevans **relative to L0+00/BL0*

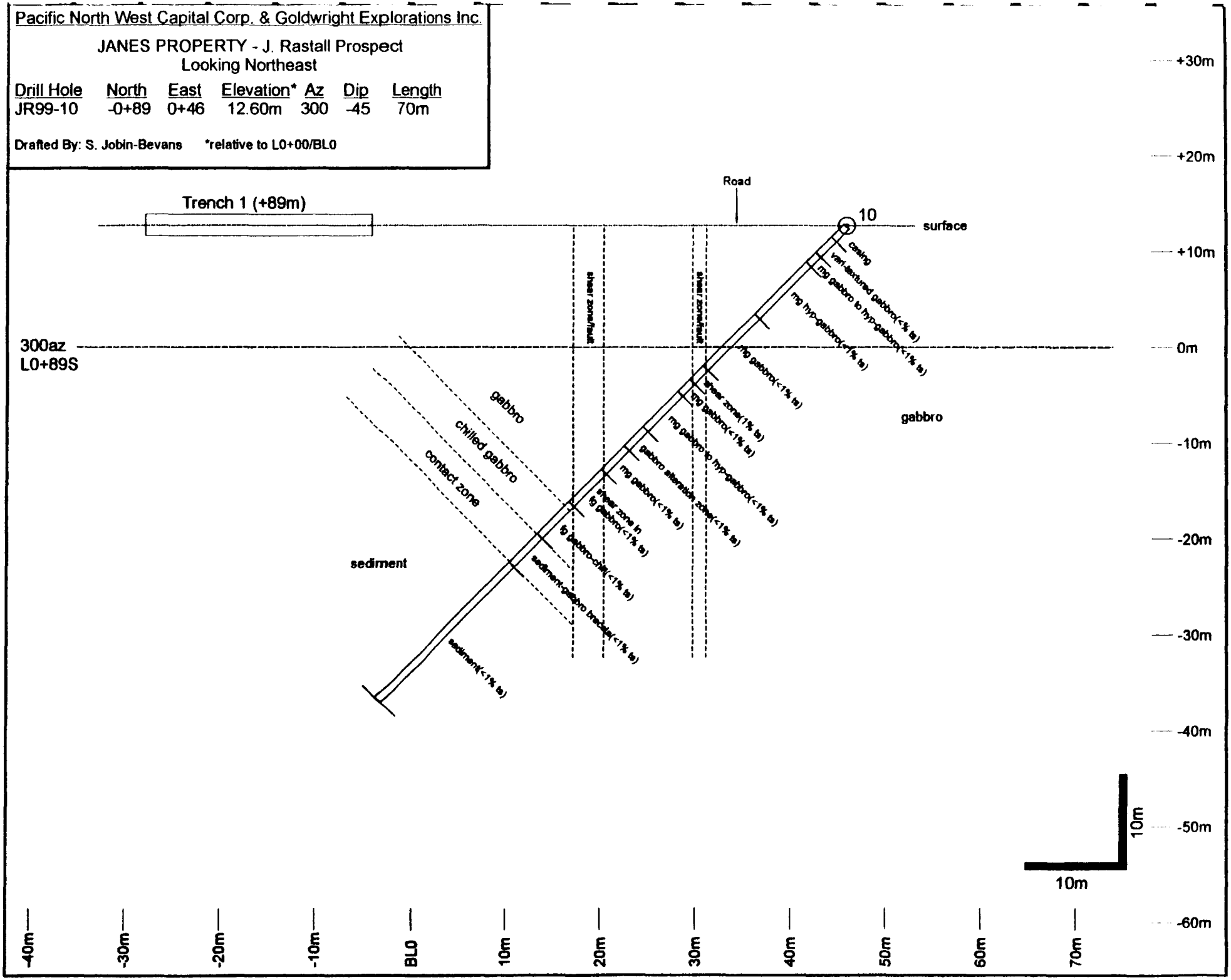


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-10	-0+89	0+46	12.60m	300	-45	70m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

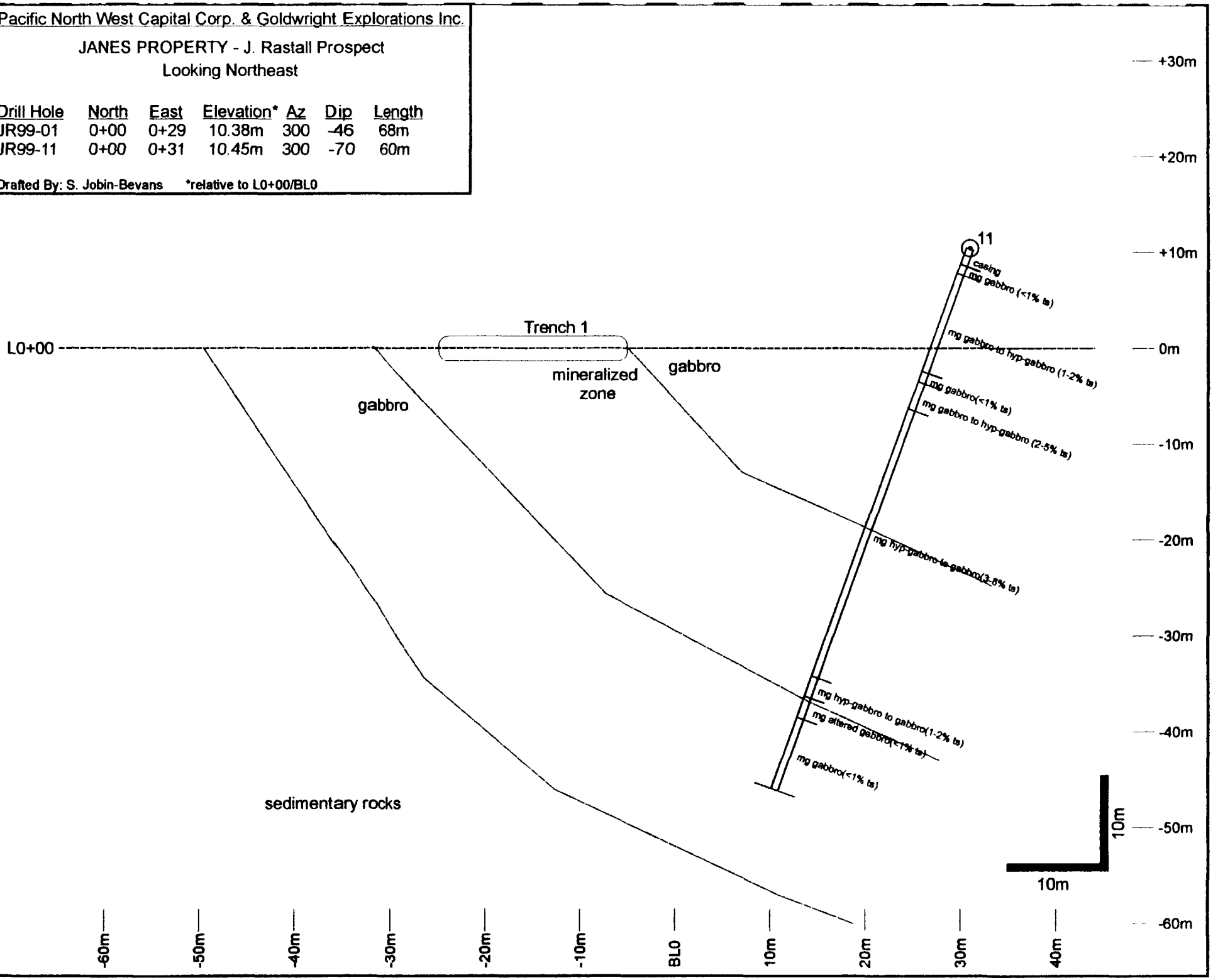


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-01	0+00	0+29	10.38m	300	-46	68m
JR99-11	0+00	0+31	10.45m	300	-70	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

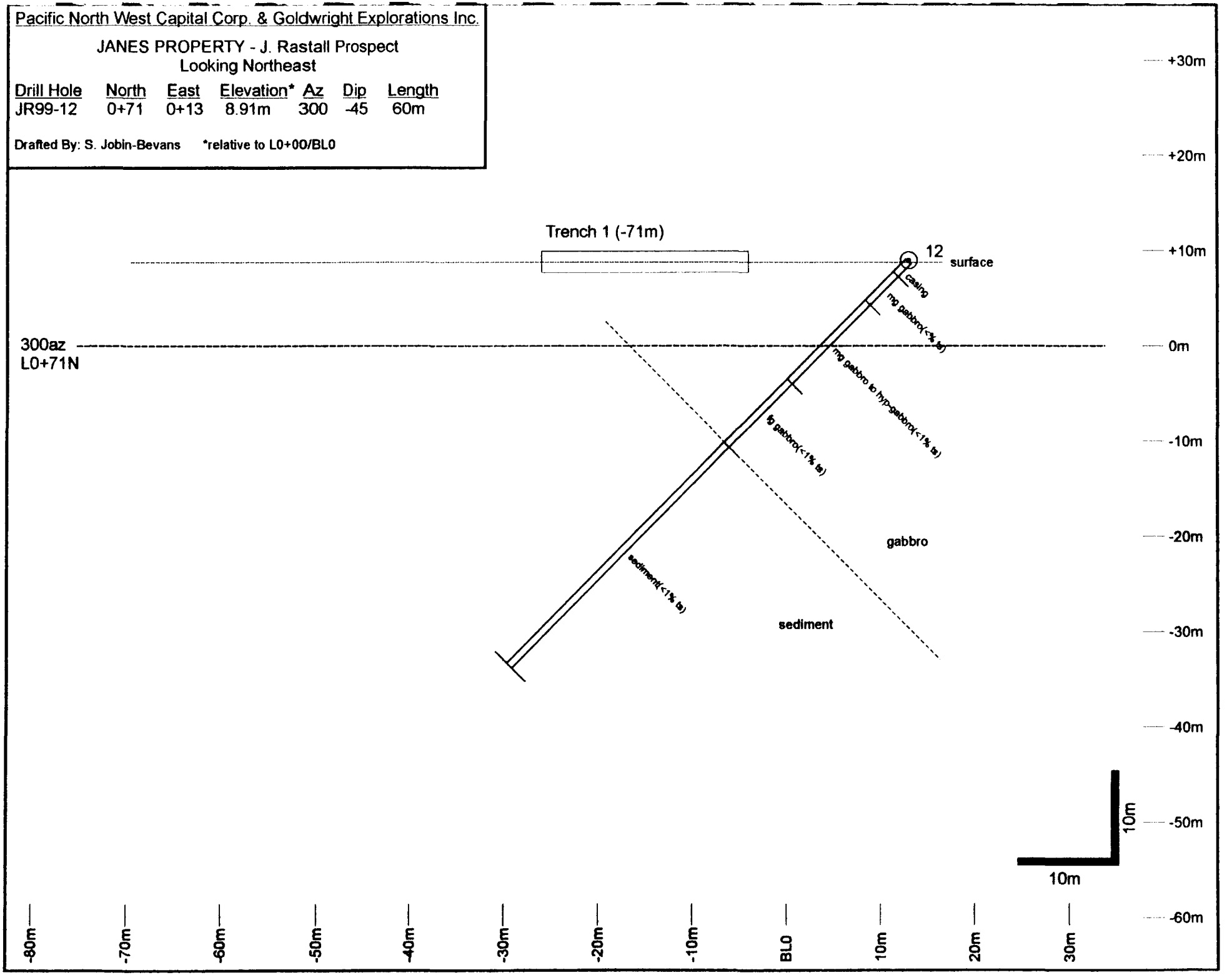


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-12	0+71	0+13	8.91m	300	-45	60m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0

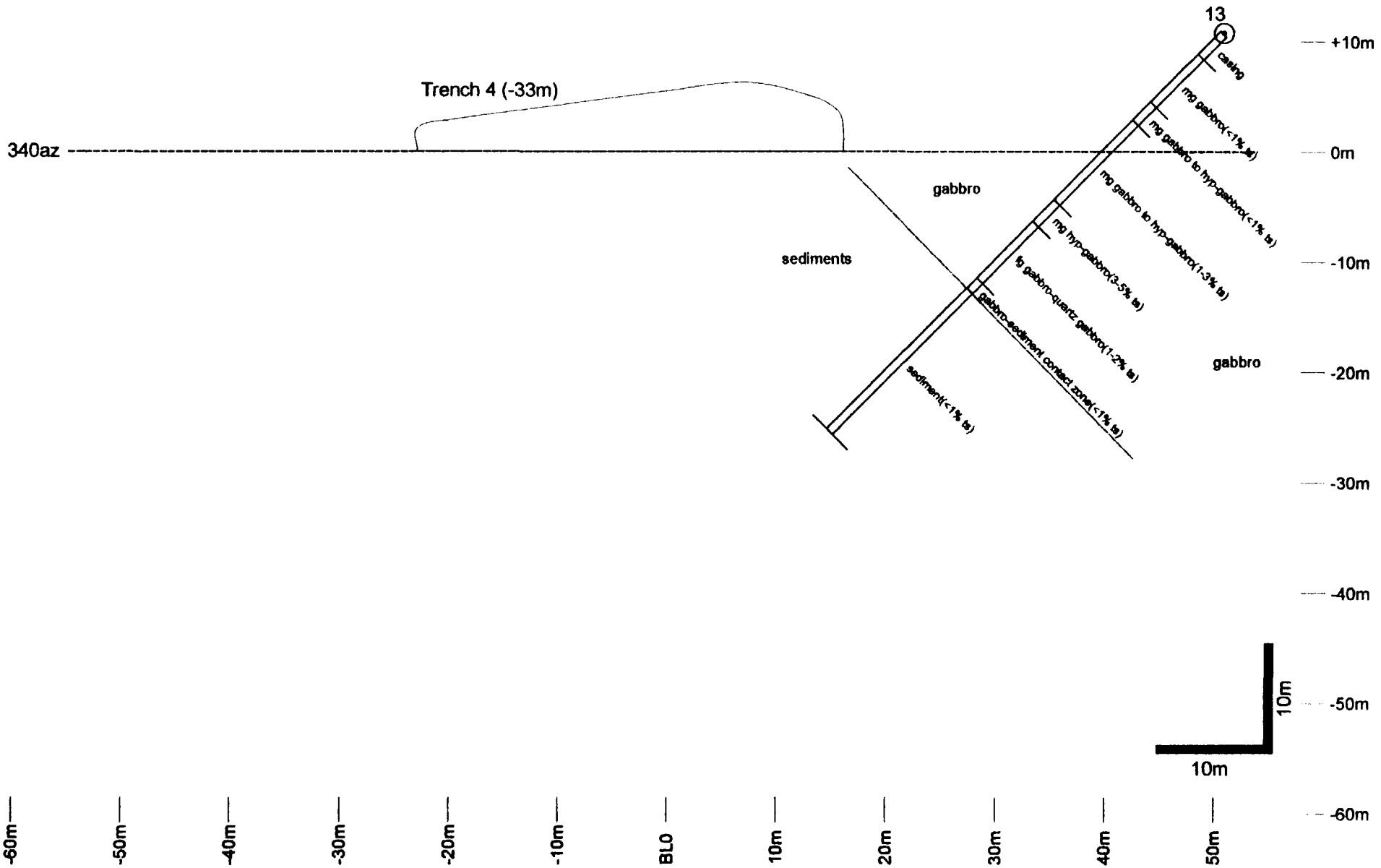


Pacific North West Capital Corp. & Goldwright Explorations Inc.

JANES PROPERTY - J. Rastall Prospect
Looking Northeast

Drill Hole	North	East	Elevation*	Az	Dip	Length
JR99-13	1+97	0+51	10.72m	340	-45	51m

Drafted By: S. Jobin-Bevans *relative to L0+00/BL0



APPENDIX III

Sample Assays

(Pt-Pd-Au-Cu-Ni)

Assays by Accurassay Laboratories

Thunder Bay, Ontario

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-01-1	44731	2.50	2.95	0.45	41	0	0	63	43	41		1.5
JR99-01-2	44732	2.95	3.57	0.62	94	9	15	211	77	118	6.3	2.7
JR99-01-3	44733	3.57	4.11	0.54	1063	82	207	1596	1260	1352	5.1	1.3
JR99-01-4	44734	4.11	4.68	0.57	54	0	0	131	76	54		1.7
JR99-01-5	44735	4.68	5.00	0.32	330	28	66	552	293	424	5.0	1.9
JR99-01-6	44736	5.00	5.54	0.54	381	32	74	652	340	487	5.1	1.9
JR99-01-7	44737	5.54	6.16	0.62	78	6	23	106	60	107	3.4	1.8
JR99-01-8	44738	6.16	6.69	0.53	167	15	29	283	154	211	5.8	1.8
JR99-01-9	44739	6.69	7.00	0.31	46	0	0	109	65	46		1.7
JR99-01-10	44740	7.00	7.53	0.53	23	0	0	62	41	23		1.5
JR99-01-11	44741	7.53	8.00	0.47	11	0	0	53	46	11		1.2
JR99-01-12	44742	8.00	8.77	0.77	21	0	0	78	52	21		1.5
JR99-01-13	44743	8.77	9.41	0.64	45	6	15	83	59	66	3.0	1.4
JR99-01-14	44744	9.41	10.41	1.00	153	12	30	193	104	195	5.1	1.9
JR99-01-15	44745	10.41	10.89	0.48	218	14	42	239	134	274	5.2	1.8
JR99-01-16	44746	10.89	11.47	0.58	53	7	17	101	59	77	3.1	1.7
JR99-01-17	44747	11.47	12.21	0.74	31	0	0	73	51	31		1.4
JR99-01-18	44748	12.21	12.68	0.47	309	18	55	318	164	382	5.6	1.9
JR99-01-19	44749	12.68	13.33	0.65	149	31	40	835	319	220	3.7	2.6
JR99-01-20	44750	13.33	14.00	0.67	108	48	43	997	410	199	2.5	2.4
JR99-01-21	44769	14.00	14.45	0.45	105	49	60	1635	654	214	1.8	2.5
JR99-01-22	44770	14.45	15.11	0.66	74	37	41	1297	499	152	1.8	2.6
JR99-01-23	44787	15.11	15.61	0.50	100	53	37	1474	646	190	2.7	2.3
JR99-01-24	44788	15.61	16.21	0.60	125	52	34	1632	639	211	3.7	2.6
JR99-01-25	44789	16.21	16.56	0.35	137	32	37	874	358	206	3.7	2.4
JR99-01-26	44790	16.56	17.00	0.44	136	74	56	2191	844	266	2.4	2.6
JR99-01-27	44791	17.00	17.43	0.43	183	105	82	3390	1318	370	2.2	2.6
JR99-01-28	44792	17.43	17.95	0.52	148	105	60	2991	1206	313	2.5	2.5
JR99-01-29	44793	17.95	18.45	0.50	233	178	104	4938	2097	515	2.2	2.4
JR99-01-30	44794	18.45	18.88	0.43	199	125	93	3593	1520	417	2.1	2.4
JR99-01-31	44795	18.88	19.33	0.45	196	115	54	3407	1096	365	3.6	3.1
JR99-01-32	44796	19.33	19.68	0.35	95	55	41	1863	697	191	2.3	2.7
JR99-01-33	44797	19.68	20.00	0.32	140	91	57	2948	1193	288	2.5	2.5
JR99-01-34	44798	20.00	20.50	0.50	149	104	52	3503	1507	305	2.9	2.3
JR99-01-35	44799	20.50	21.25	0.75	82	54	61	1759	782	197	1.3	2.2
JR99-01-36	44800	21.39	21.99	0.60	258	222	126	5766	2717	606	2.0	2.1
JR99-01-37	44801	21.99	22.50	0.51	292	234	133	6235	2615	659	2.2	2.4
JR99-01-38	44802	22.50	23.00	0.50	277	213	125	6774	2683	615	2.2	2.5
JR99-01-39	44803	23.00	23.69	0.69	267	192	107	5596	2287	566	2.5	2.4
JR99-01-40	44804	23.69	24.46	0.77	237	190	113	5657	2475	540	2.1	2.3
JR99-01-41	44805	24.46	25.07	0.61	243	178	106	4578	1948	527	2.3	2.4
JR99-01-42	44806	25.07	25.72	0.65	243	163	103	4632	2147	509	2.4	2.2
JR99-01-43	44807	25.72	26.51	0.79	287	218	132	5861	2393	637	2.2	2.4
JR99-01-44	44808	26.51	27.20	0.69	252	264	115	5664	2169	631	2.2	2.6
JR99-01-45	44809	27.20	27.91	0.71	267	162	116	4481	2070	545	2.3	2.2
JR99-01-46	44810	27.91	28.47	0.56	95	42	23	4733	1845	160	4.1	2.6
JR99-01-47	44811	28.47	29.28	0.81	199	96	63	6198	2033	358	3.2	3.0

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-01-48	44812	29.28	30.15	0.87	190	76	53	4489	1625	362	3.6	2.8
JR99-01-49	44813	30.15	30.89	0.74	233	95	63	4476	1880	305	3.7	2.4
JR99-01-50	44814	30.89	31.50	0.61	147	74	36	2896	1077	257	4.1	2.7
JR99-01-51	44815	31.50	32.00	0.50	201	77	56	4070	1620	334	3.6	2.5
JR99-01-52	44834	32.00	32.75	0.75	626	267	181	7344	3182	1074	3.5	2.3
JR99-01-53	44835	32.75	33.44	0.69	645	279	198	6382	2665	1122	3.3	2.4
JR99-01-54	44836	33.44	34.44	1.00	682	218	180	5112	2110	1080	3.8	2.4
JR99-01-55	44837	34.44	35.00	0.56	905	220	206	5511	2245	1331	4.4	2.5
JR99-01-56	44838	35.00	35.75	0.75	1082	270	227	7255	3450	1579	4.8	2.1
JR99-01-57	44839	35.75	36.42	0.67	1205	245	224	5756	2578	1674	5.4	2.2
JR99-01-58	44840	36.42	37.30	0.88	1660	369	311	11973	3365	2340	5.3	3.6
JR99-01-59	44841	37.30	38.00	0.70	1797	445	378	11329	4643	2620	4.8	2.4
JR99-01-60	44842	38.00	38.74	0.74	1944	387	364	11979	5493	2695	5.3	2.2
JR99-01-61	44843	38.74	39.49	0.75	1862	315	344	9825	3215	2521	5.4	3.1
JR99-01-62	44844	39.49	40.13	0.64	1834	207	325	7705	3111	2366	5.6	2.5
JR99-01-63	44631	40.13	40.73	0.60	3527	272	486	10491	5214	4285	7.3	2.0
JR99-01-64	44632	40.73	41.00	0.27	5830	329	571	4232	3493	6730	10.2	1.2
JR99-01-65	44633	41.00	41.62	0.62	5394	293	589	13885	4312	6276	9.2	3.2
JR99-01-66	44634	41.62	41.87	0.25	2083	30	274	101016	1717	2387	7.6	58.8
JR99-01-67	44635	41.87	42.09	0.22	4513	35	510	7051	2406	5058	8.8	2.9
JR99-01-68	44636	42.09	42.57	0.48	2501	81	347	19088	2064	2929	7.2	9.2
JR99-01-69	44637	42.57	43.24	0.67	2762	200	387	8380	2294	3349	7.1	3.7
JR99-01-70	44638	43.24	43.59	0.35	3484	26	565	2261	2337	4075	6.2	1.0
JR99-01-71	44639	43.59	43.85	0.26	1733	21	241	988	1206	1995	7.2	0.8
JR99-01-72	44640	43.85	44.77	0.92	1890	23	280	759	892	2193	6.8	0.9
JR99-01-73	44641	44.77	45.25	0.48	276	0	52	163	537	328	5.3	0.3
JR99-01-74	44642	45.25	46.35	1.10	1792	18	251	110	1478	2061	7.1	0.1
JR99-01-75	44643	46.35	47.11	0.76	3709	181	462	5221	3168	4352	8.0	1.6
JR99-01-76	44644	47.11	47.87	0.76	1996	157	274	3611	1466	2427	7.3	2.5
JR99-01-77	44645	47.87	48.72	0.85	2701	191	342	5624	2206	3234	7.9	2.5
JR99-01-78	44646	48.72	49.76	1.04	3299	207	417	6235	2633	3923	7.9	2.4
JR99-01-79	44647	49.76	50.05	0.29	2151	165	326	4100	1743	2642	6.6	2.4
JR99-01-80	44648	50.05	51.08	1.03	62	12	21	170	93	95	3.0	1.8
JR99-01-81	44649	51.08	52.03	0.95	0	7	0	126	64	7		2.0
JR99-01-82	44650	52.03	53.19	1.16	22	5	0	115	74	27		1.6
JR99-01-83	none	53.19	54.48	1.29	18	0	16	118	77	34	1.1	1.5
JR99-01-84	none	54.48	55.75	1.27	13	0	0	86	65	13		1.3
JR99-01-85	none	55.75	56.70	0.95	11	0	0	116	77	11		1.5
JR99-01-86	none	56.70	57.67	0.97	16	0	0	123	76	16		1.6
JR99-01-87	none	57.67	58.79	1.12	14	0	0	125	85	14		1.5
JR99-01-88	none	58.79	59.95	1.16	13	0	0	105	71	13		1.5
JR99-01-89	none	59.95	60.96	1.01	12	0	0	103	74	12		1.4
JR99-01-90	none	60.96	62.10	1.14	12	0	0	102	70	12		1.5
JR99-01-91	none	62.10	62.69	0.59	13	0	0	136	70	13		1.9
JR99-01-92	none	62.69	62.93	0.24	0	9	0	240	79	9		3.0
JR99-01-93	none	62.93	64.01	1.08	23	0	15	103	74	38	1.5	1.4
JR99-01-94	none	64.01	65.06	1.05	54	7	16	148	76	77	3.4	1.9

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-01-95	none	65.06	66.35	1.29	244	15	28	415	145	287	8.7	2.9
JR99-01-96	none	66.35	67.23	0.88	181	5	0	119	101	186		1.2
JR99-01-97	none	67.23	68.08	0.85	14	0	0	90	65	14		1.4

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-02-1	44676	0.50	0.82	0.32	447	48	76	1991	126	571	5.9	15.8
JR99-02-2	44677	1.32	1.66	0.34	651	59	85	4456	266	795	7.7	16.8
JR99-02-3	44678	1.66	2.00	0.34	14	6	0	497	74	20		6.7
JR99-02-4	44679	2.00	2.50	0.50	0	303	0	1065	182	303		5.9
JR99-02-5	44680	2.50	2.85	0.35	391	44	68	1774	477	503	5.8	3.7
JR99-02-6	44771	2.85	3.36	0.51	610	61	128	742	339	799	4.8	2.2
JR99-02-7	44772	3.36	3.90	0.54	20	0	0	117	53	20		2.2
JR99-02-8	44773	3.90	4.60	0.70	0	7	0	348	86	7		4.0
JR99-02-9	44774	4.60	5.10	0.50	0	0	0	444	63	0		7.0
JR99-02-10	44775	5.10	5.60	0.50	0	0	0	62	54	0		1.1
JR99-02-11	44776	5.60	6.20	0.60	0	0	0	92	70	0		1.3
JR99-02-12	44777	6.20	6.50	0.30	53	11	0	284	173	64		1.6
JR99-02-13	44778	6.87	7.64	0.77	285	46	72	1389	352	403	4.0	3.9
JR99-02-14	44779	7.78	8.48	0.70	1234	199	213	2294	643	1646	5.8	3.6
JR99-02-15	44780	8.48	8.82	0.34	1174	245	210	2225	670	1629	5.6	3.3
JR99-02-16	44781	8.82	9.42	0.60	233	16	78	685	230	327	3.0	3.0
JR99-02-17	44782	9.42	9.92	0.50	42	8	26	193	132	76	1.6	1.5
JR99-02-18	44681	9.92	10.13	0.21	8831	996	1100	40762	3258	10927	8.0	12.5
JR99-02-19	44682	10.13	10.35	0.22	1579	63	1253	35745	22093	2895	1.3	1.6
JR99-02-20	44683	10.35	10.56	0.21	1558	28	327	24472	24555	1913	4.8	1.0
JR99-02-21	44783	10.56	11.00	0.44	457	17	43	742	177	517	10.6	4.2
JR99-02-22	44784	11.00	11.50	0.50	0	0	0	139	63	0		2.2
JR99-02-23	44785	11.50	12.10	0.60	0	0	0	72	49	0		1.5
JR99-02-24	44786	12.10	12.80	0.70	0	0	0	42	62	0		0.7
JR99-02-25	44845	12.80	13.60	0.80	0	0	0	127	108	0		1.2
JR99-02-26	44846	14.54	15.36	0.82	0	0	0	52	43	0		1.2
JR99-02-27	44847	16.00	16.58	0.58	0	0	0	53	47	0		1.1
JR99-02-28	44848	17.33	17.91	0.58	0	0	0	40	44	0		0.9
JR99-02-29	44849	18.48	19.19	0.71	0	0	0	36	41	0		0.9
JR99-02-30	44850	19.85	20.50	0.65	0	0	0	27	47	0		0.6
JR99-02-31	44851	20.92	21.60	0.68	0	0	0	22	17	0		1.3
JR99-02-32	44852	23.65	24.31	0.66	0	0	0	30	43	0		0.7

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-03-1	44651	0.00	0.27	0.27	5688	315	1949	12213	4646	7952	2.9	2.6
JR99-03-2	44652	0.27	0.55	0.28	2908	192	1234	17416	10833	4334	2.4	1.6
JR99-03-3	44653	0.55	0.81	0.26	5153	1526	1249	3370	20559	7928	4.1	0.2
JR99-03-4	44654	0.81	1.11	0.30	3793	277	721	10297	16957	4791	5.3	0.6
JR99-03-5	44655	1.11	1.54	0.43	3012	693	596	14504	14361	4301	5.1	1.0
JR99-03-6	44656	1.54	1.76	0.22	6243	1833	1069	14146	1276	9145	5.8	11.1
JR99-03-7	44657	1.76	2.05	0.29	626	58	57	1136	150	741	11.0	7.6
JR99-03-8	44658	2.05	2.35	0.30	32578	381	1622	30196	12100	34581	20.1	2.5
JR99-03-9	44659	2.35	2.56	0.21	14315	177	1012	14475	9980	15504	14.1	1.5
JR99-03-10	44660	2.56	3.06	0.50	701	71	241	1763	514	1013	2.9	3.4
JR99-03-11	44661	3.06	3.56	0.50	85	9	0	1051	159	94		6.6
JR99-03-12	44662	3.56	3.84	0.28	112	13	19	520	352	144	5.9	1.5
JR99-03-13	44663	3.84	3.93	0.09	5249	263	171	13257	7618	5683	30.7	1.7
JR99-03-14	44664	3.93	4.43	0.50	68	20	0	386	129	88		3.0
JR99-03-15	44665	4.43	4.65	0.22	10	0	0	112	96	10		1.2
JR99-03-16	44666	4.65	5.23	0.58	662	86	85	1711	494	833	7.8	3.5
JR99-03-17	44667	5.23	5.72	0.49	25	8	0	142	68	33		2.1
JR99-03-18	44668	5.72	6.27	0.55	0	5	0	149	70	5		2.1
JR99-03-19	44669	6.27	6.58	0.31	0	8	0	392	81	8		4.8
JR99-03-20	44670	6.58	6.92	0.34	577	60	104	8497	176	741	5.5	48.3
JR99-03-21	44671	6.92	7.42	0.50	105	6	0	0	116	111		0.0
JR99-03-22	44672	7.42	8.00	0.58	2854	43	198	1976	106	3095	14.4	18.6
JR99-03-23	44673	8.00	8.68	0.68	704	126	294	10480	157	1124	2.4	66.8
JR99-03-24	44828	8.68	8.74	0.06	0	41	0	1799	36	41		50.0
JR99-03-25	44674	8.74	9.50	0.76	24	9	0	504	118	33		4.3
JR99-03-26	44829	9.50	10.50	1.00	0	0	0	85	100	0		0.9
JR99-03-27	44830	10.50	11.00	0.50	0	0	0	49	49	0		1.0
JR99-03-28	44675	11.00	11.50	0.50	0	0	0	59	48	0		1.2
JR99-03-29	44831	11.50	12.00	0.50	0	0	0	41	51	0		0.8
JR99-03-30	44832	12.00	13.00	1.00	0	0	0	63	49	0		1.3
JR99-03-31	44833	13.00	14.00	1.00	0	0	0	67	53	0		1.3

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-04-1	47423	4.50	5.58	1.08	0	0	0	136	34	0		4.0
JR99-04-2	47424	8.31	9.12	0.81	0	6	0	258	130	6		2.0
JR99-04-3	47425	11.67	12.13	0.46	10	10	0	238	139	20		1.7
JR99-04-4	47426	14.27	14.78	0.51	14	9	0	312	156	23		2.0
JR99-04-5	47427	19.44	19.91	0.47	0	6	0	146	91	6		1.6
JR99-04-6	47428	22.24	22.70	0.46	0	0	15	257	133	15		1.9
JR99-04-7	47429	23.47	24.00	0.53	11	7	0	291	118	18		2.5
JR99-04-8	47430	24.00	24.52	0.52	17	19	17	779	257	53	1.0	3.0
JR99-04-9	47431	24.52	25.07	0.55	23	29	21	1283	415	73	1.1	3.1
JR99-04-10	47432	25.07	25.58	0.51	14	10	0	429	145	24		3.0
JR99-04-11	47433	26.31	26.86	0.55	0	7	0			7		
JR99-04-12	47434	27.59	28.12	0.53	10	9	0			19		
JR99-04-13	47435	28.86	29.30	0.44	0	10	0			10		
JR99-04-14	47436	31.12	31.65	0.53	12	11	17			40	0.7	
JR99-04-15	47437	32.40	32.93	0.53	15	13	0			28		
JR99-04-16	47438	33.44	33.95	0.51	15	16	40			71	0.4	
JR99-04-17	47439	34.68	35.20	0.52	13	13	26			52	0.5	
JR99-04-18	47440	35.96	36.47	0.51	16	16	32			64	0.5	
JR99-04-19	47441	37.22	37.72	0.50	19	16	26			61	0.7	
JR99-04-20	47442	38.47	38.92	0.45	17	17	27	342	116	61	0.6	2.9
JR99-04-21	47443	39.67	40.18	0.51	12	10	21			43	0.6	
JR99-04-22	47444	40.88	41.40	0.52	15	13	27			55	0.6	
JR99-04-23	47445	42.14	42.66	0.52	21	20	34			75	0.6	
JR99-04-24	47446	43.34	43.86	0.52	13	8	24			45	0.5	
JR99-04-25	47447	44.63	45.15	0.52	14	10	28			52	0.5	
JR99-04-26	47448	45.93	46.42	0.49	17	14	39			70	0.4	
JR99-04-27	47449	47.35	47.86	0.51	28	18	30			76	0.9	
JR99-04-28	47450	48.64	49.17	0.53	29	20	41			90	0.7	
JR99-04-29	47451	49.93	50.43	0.50	30	17	39			86	0.8	
JR99-04-30	47452	51.20	51.68	0.48	28	17	0	206	127	45		1.6
JR99-04-31	47453	53.61	54.16	0.55	41	17	20			78	2.1	
JR99-04-32	47454	54.61	55.16	0.55	22	14	0			36		
JR99-04-33	47455	55.85	56.35	0.50	28	17	0			45		
JR99-04-34	47456	58.35	58.84	0.49	25	14	15			54	1.7	
JR99-04-35	47457	62.30	62.77	0.47	24	13	26			63	0.9	
JR99-04-36	47458	65.99	66.49	0.50	26	6	28			60	0.9	
JR99-04-37	47459	70.65	71.18	0.53	15	7	18			40	0.8	
JR99-04-38	47460	72.03	72.51	0.48	16	63	19			98	0.8	
JR99-04-39	47461	73.27	73.78	0.51	25	14	27			66	0.9	
JR99-04-40	47462	74.54	75.04	0.50	30	25	26	382	154	81	1.2	2.5
JR99-04-41	47463	75.78	76.34	0.56	16	9	19			44	0.8	
JR99-04-42	47464	78.34	78.87	0.53	12	8	0	148	64	20		2.3
JR99-04-43	47465	80.81	81.34	0.53	28	15	21			64	1.3	
JR99-04-44	47466	84.92	85.46	0.54	21	12	20			53	1.1	
JR99-04-45	47467	88.73	89.25	0.52	38	15	33			86	1.2	
JR99-04-46	47468	92.55	93.06	0.51	47	11	36			94	1.3	
JR99-04-47	47469	95.11	95.59	0.48	34	10	37			81	0.9	

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-04-48	47470	97.88	98.43	0.55	59	19	37			115	1.6	
JR99-04-49	47471	101.39	101.92	0.53	43	8	36			87	1.2	
JR99-04-50	47472	101.01	104.53	3.52	35	6	30			71	1.2	
JR99-04-51	47474	108.73	109.21	0.48	47	0	34			81	1.4	
JR99-04-52	47475	111.10	111.62	0.52	47	5	40	101	86	92	1.2	1.2
JR99-04-53	47476	114.94	115.48	0.54	35	0	34			69	1.0	
JR99-04-54	47477	117.41	117.94	0.53	59	6	41			106	1.4	
JR99-04-55	47478	120.11	120.61	0.50	79	7	41			127	1.9	
JR99-04-56	47479	122.59	123.08	0.49	112	20	38			170	2.9	
JR99-04-57	47480	126.13	126.62	0.49	124	12	39			175	3.2	
JR99-04-58	47481	127.35	127.87	0.52	49	5	31			85	1.6	
JR99-04-59	47482	129.87	130.38	0.51	59	8	26			93	2.3	
JR99-04-60	47483	132.41	132.91	0.50	74	11	29			114	2.6	
JR99-04-61	47484	133.67	134.21	0.54	133	14	31			178	4.3	
JR99-04-62	47485	137.47	138.00	0.53	64	0	29	74	105	93	2.2	0.7
JR99-04-63	47486	138.75	139.28	0.53	69	6	30			105	2.3	
JR99-04-64	47487	143.89	144.39	0.50	23	0	0			23		
JR99-04-65	47488	146.46	146.97	0.51	44	0	0			44		
JR99-04-66	47489	151.98	152.50	0.52	43	0	0			43		
JR99-04-67	47490	155.01	155.50	0.49	66	5	21			92	3.1	
JR99-04-68	47491	159.02	159.51	0.49	40	0	0			40		
JR99-04-69	47492	163.73	164.24	0.51	24	0	0			24		
JR99-04-70	47493	169.69	170.19	0.50	22	0	0			22		
JR99-04-71	47494	173.39	173.88	0.49	43	0	0			43		
JR99-04-72	47495	176.97	177.49	0.52	31	0	0	77	62	31		1.2
JR99-04-73	47496	181.88	182.28	0.40	15	0	0			15		
JR99-04-74	47497	185.51	186.03	0.52	17	0	0			17		
JR99-04-75	47498	186.75	187.29	0.54	35	0	0			35		
JR99-04-76	47499	193.20	193.71	0.51	11	0	0			11		
JR99-04-77	47500	196.94	197.44	0.50	19	0	0			19		
JR99-04-78	47501	199.38	199.89	0.51	90	43	33			166	2.7	
JR99-04-79	47502	200.64	201.16	0.52	20	0	0			20		
JR99-04-80	47503	201.91	202.41	0.50	34	12	15			61	2.3	
JR99-04-81	47504	205.84	206.35	0.51	12	0	0			12		
JR99-04-82	47505	207.43	207.95	0.52	15	0	0	78	92	15		0.8
JR99-04-83	47506	209.48	209.55	0.07	11	0	0			11		
JR99-04-84	47507	209.87	210.38	0.51	14	0	0			14		
JR99-04-85	47508	214.90	215.44	0.54	25	10	22			57	1.1	
JR99-04-86	47509	216.11	216.61	0.50	31	14	21			66	1.5	
JR99-04-87	47510	222.75	223.22	0.47	11	0	16			27	0.7	
JR99-04-88	47511	227.65	228.16	0.51	12	0	18			30	0.7	
JR99-04-89	47512	231.58	232.09	0.51	11	0	0			11		
JR99-04-90	47513	235.54	236.07	0.53	0	0	17			17		
JR99-04-91	47514	239.41	239.91	0.50	11	0	0			11		
JR99-04-92	47515	241.98	242.45	0.47	0	0	0	142	101	0		1.4

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-05-1	none	2.75	3.49	0.74	2195	256	289	4408	2323	2740	7.6	1.9
JR99-05-2	none	3.49	4.28	0.79	546	55	88	1576	740	689	6.2	2.1
JR99-05-3	none	4.28	5.21	0.93	265	20	53	781	351	338	5.0	2.2
JR99-05-4	none	5.21	6.31	1.10	611	47	102	2063	846	760	6.0	2.4
JR99-05-5	none	6.31	6.89	0.58	733	63	115	1662	828	911	6.4	2.0
JR99-05-6	none	6.89	8.01	1.12	1158	134	187	3191	1401	1479	6.2	2.3
JR99-05-7	none	8.01	8.77	0.76	349	39	72	943	368	460	4.8	2.6
JR99-05-8	none	8.77	9.57	0.80	317	32	58	642	313	407	5.5	2.1
JR99-05-9	none	9.57	10.46	0.89	42	0	20	130	94	62	2.1	1.4
JR99-05-10	47001	10.46	11.53	1.07	55	0	20	21	180	75	2.8	0.1
JR99-05-11	47002	11.53	12.53	1.00	83	0	30	65	318	113	2.8	0.2
JR99-05-12	47003	12.53	13.74	1.21	49	12	17	483	222	78	2.9	2.2
JR99-05-13	47004	13.74	14.94	1.20	46	0	0	93	121	46		0.8
JR99-05-14	47005	14.94	16.07	1.13	49	0	17	34	112	66	2.9	0.3
JR99-05-15	47006	16.07	17.13	1.06	46	0	0	83	123	46		0.7
JR99-05-16	47007	17.13	18.37	1.24	54	0	0	26	145	54		0.2
JR99-05-17	47008	18.37	18.79	0.42	106	7	16	161	107	129	6.6	1.5
JR99-05-18	47009	18.79	19.91	1.12	123	16	22	362	166	161	5.6	2.2
JR99-05-19	47010	19.91	20.79	0.88	118	30	18	967	384	166	6.6	2.5
JR99-05-20	47011	20.79	21.85	1.06	122	55	34	1725	683	211	3.6	2.5
JR99-05-21	47012	21.85	22.57	0.72	89	38	33	1232	448	160	2.7	2.8
JR99-05-22	47013	22.57	23.15	0.58	103	38	24	1227	479	165	4.3	2.6
JR99-05-23	47014	23.15	23.99	0.84	171	31	34	1234	487	236	5.0	2.5
JR99-05-24	47015	23.99	24.66	0.67	369	63	77	2523	847	509	4.8	3.0
JR99-05-25	47016	24.66	25.61	0.95	516	67	103	2174	943	686	5.0	2.3
JR99-05-26	47017	25.61	26.41	0.80	272	40	54	1376	648	366	5.0	2.1
JR99-05-27	47018	26.41	27.18	0.77	372	30	50	1141	544	452	7.4	2.1
JR99-05-28	47019	27.18	27.59	0.41	181	10	25	331	181	216	7.2	1.8
JR99-05-29	47020	27.59	28.34	0.75	154	17	25	650	281	196	6.2	2.3
JR99-05-30	47021	28.34	28.96	0.62	219	11	44	324	423	274	5.0	0.8
JR99-05-31	47022	28.96	29.76	0.80	266	0	54	13	555	320	4.9	0.0
JR99-05-32	47023	29.76	30.32	0.56	164	13	30	542	447	207	5.5	1.2
JR99-05-33	47024	30.32	31.00	0.68	241	21	41	785	366	303	5.9	2.1
JR99-05-34	47025	31.00	31.98	0.98	276	22	47	771	308	345	5.9	2.5
JR99-05-35	47026	31.98	32.86	0.88	334	36	60	1043	314	430	5.6	3.3
JR99-05-36	47027	32.86	33.76	0.90	129	8	22	559	139	159	5.9	4.0
JR99-05-37	47028	33.76	34.52	0.76	16	0	0	90	66	16		1.4
JR99-05-38	47029	34.52	35.75	1.23	19	0	0	82	77	19		1.1
JR99-05-39	47030	35.75	36.48	0.73	16	0	0	126	74	16		1.7
JR99-05-40	47031	36.48	37.28	0.80	22	0	0	83	60	22		1.4
JR99-05-41	47032	37.28	38.44	1.16	25	0	0	95	71	25		1.3
JR99-05-42	47033	38.44	39.31	0.87	20	0	0	86	62	20		1.4
JR99-05-43	47034	39.31	40.40	1.09	16	0	0	111	73	16		1.5
JR99-05-44	47035	40.40	41.45	1.05	17	0	0	89	72	17		1.2
JR99-05-45	47036	41.45	42.45	1.00	57	0	0	90	66	57		1.4
JR99-05-46	47037	42.45	43.58	1.13	20	0	0	107	62	20		1.7
JR99-05-47	47038	43.58	44.77	1.19	11	0	0	111	71	11		1.6

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JR99-05-48	47039	44.77	45.74	0.97	15	0	0	122	64	15		1.9
JR99-05-49	47040	45.74	46.80	1.06	16	0	0	102	68	16		1.5
JR99-05-50	47041	46.80	47.74	0.94	15	0	0	103	72	15		1.4
JR99-05-51	47042	47.74	48.78	1.04	18	0	0	118	75	18		1.6
JR99-05-52	47043	48.78	49.88	1.10	53	0	0	124	78	53		1.6
JR99-05-53	47044	49.88	50.80	0.92	47	0	0	117	78	47		1.5
JR99-05-54	47045	50.80	51.83	1.03	20	0	0	121	100	20		1.2
JR99-05-55	47046	51.83	53.09	1.26	0	0	0	74	79	0		0.9
JR99-05-56	47047	53.09	54.09	1.00	12	0	0	109	71	12		1.5
JR99-05-57	47048	54.09	55.10	1.01	12	0	0	165	78	12		2.1
JR99-05-58	47049	55.10	55.46	0.36	13	8	0	85	95	21		0.9
JR99-05-59	47050	55.46	56.61	1.15	0	5	0	131	68	5		1.9
JR99-05-60	47051	56.61	57.68	1.07	0	0	0	124	52	0		2.4
JR99-05-61	47052	57.68	58.72	1.04	0	6	0	163	68	6		2.4
JR99-05-62	47053	58.72	60.07	1.35	0	6	0	191	62	6		3.1
JR99-05-63	47054	60.07	60.77	0.70	0	8	0	158	65	8		2.4
JR99-05-64	47055	60.77	61.89	1.12	0	9	0	159	57	9		2.8
JR99-05-65	47056	61.89	62.96	1.07	0	5	0	164	65	5		2.5

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-06-1	44684	9.90	10.15	0.25	762	261	248	10438	3714	1271	3.1	2.8
JR99-06-2	44685	10.15	10.45	0.30	823	274	256	8793	4642	1353	3.2	1.9
JR99-06-3	44686	10.45	10.75	0.30	904	346	192	11179	5017	1442	4.7	2.2
JR99-06-4	44687	10.75	11.00	0.25	1046	309	292	11543	4805	1647	3.6	2.4
JR99-06-5	44688	11.00	11.32	0.32	683	210	228	11718	4719	1121	3.0	2.5
JR99-06-6	44689	11.32	11.72	0.40	1030	224	268	12323	5270	1522	3.8	2.3
JR99-06-7	44690	11.72	12.06	0.34	1226	231	303	14019	4153	1760	4.0	3.4
JR99-06-8	44691	12.06	12.54	0.48	1430	288	286	7334	3172	2004	5.0	2.3
JR99-06-9	44692	12.54	12.75	0.21	1706	358	330	11788	3640	2394	5.2	3.2
JR99-06-10	44693	12.75	13.22	0.47	2064	424	336	10898	3426	2824	6.1	3.2
JR99-06-11	44694	13.22	13.70	0.48	1953	322	359	7463	3030	2634	5.4	2.5
JR99-06-12	44695	13.70	14.00	0.30	1974	317	341	7447	2863	2632	5.8	2.6
JR99-06-13	44696	14.00	14.45	0.45	2145	354	359	7533	2918	2858	6.0	2.6
JR99-06-14	44697	14.45	14.83	0.38	2163	355	358	8115	3117	2876	6.0	2.6
JR99-06-15	44698	14.83	15.27	0.44	2155	341	324	8280	2995	2820	6.7	2.8
JR99-06-16	44699	15.27	15.64	0.37	1926	279	0	7043	2783	2205		2.5
JR99-06-17	44700	15.64	15.98	0.34	1904	268	311	6769	2510	2483	6.1	2.7
JR99-06-18	44701	15.98	16.38	0.40	2177	331	358	7990	3136	2866	6.1	2.5
JR99-06-19	44702	16.38	16.88	0.50	2301	315	375	8359	3506	2991	6.1	2.4
JR99-06-20	44703	16.88	17.41	0.53	2322	557	331	7975	3384	3210	7.0	2.4
JR99-06-21	44704	17.41	17.84	0.43	1643	256	288	8118	2774	2187	5.7	2.9
JR99-06-22	44705	17.84	18.27	0.43	2012	316	331	7851	2914	2659	6.1	2.7
JR99-06-23	44706	18.27	18.67	0.40	2056	314	339	6413	2435	2709	6.1	2.6
JR99-06-24	44707	18.67	19.13	0.46	1973	276	317	8127	3062	2566	6.2	2.7
JR99-06-25	44708	19.13	19.50	0.37	2159	262	317	7306	2712	2738	6.8	2.7
JR99-06-26	44709	19.50	19.76	0.26	2566	236	355	7789	3387	3157	7.2	2.3
JR99-06-27	44710	19.76	20.09	0.33	3738	370	493	8763	4382	4601	7.6	2.0
JR99-06-28	44711	20.09	20.45	0.36	3522	333	455	8604	4719	4310	7.7	1.8
JR99-06-29	44712	20.45	20.86	0.41	2813	259	392	8758	5183	3464	7.2	1.7
JR99-06-30	44713	20.86	21.33	0.47	3702	360	508	9147	4539	4570	7.3	2.0
JR99-06-31	44714	21.33	21.87	0.54	4557	427	600	10182	4827	5584	7.6	2.1
JR99-06-32	44715	21.87	22.16	0.29	3452	255	494	6644	4378	4201	7.0	1.5
JR99-06-33	44716	22.16	22.41	0.25	2170	173	332	5410	2964	2675	6.5	1.8
JR99-06-34	44717	22.41	22.64	0.23	2350	167	326	6090	2927	2843	7.2	2.1
JR99-06-35	44718	22.64	23.09	0.45	2346	198	356	6195	2914	2900	6.6	2.1
JR99-06-36	44719	23.09	23.52	0.43	2273	170	324	6113	2668	2767	7.0	2.3
JR99-06-37	44720	23.52	23.91	0.39	1082	80	151	2633	1202	1313	7.2	2.2
JR99-06-38	44721	23.91	24.25	0.34	76	0	0	226	106	76		2.1
JR99-06-39	44722	24.25	24.75	0.50	46	0	0	154	107	46		1.4
JR99-06-40	44723	24.75	25.14	0.39	17	0	0	115	94	17		1.2
JR99-06-41	44724	25.14	25.50	0.36	15	0	0	120	80	15		1.5
JR99-06-42	44725	25.50	25.68	0.18	15	0	0	42	101	15		0.4
JR99-06-43	44726	25.68	25.89	0.21	0	0	0	70	72	0		1.0
JR99-06-44	44727	25.89	26.58	0.69	15	0	0	35	94	15		0.4
JR99-06-45	44728	26.58	27.13	0.55	0	0	0	110	80	0		1.4
JR99-06-46	44729	27.13	27.74	0.61	11	0	0	89	80	11		1.1
JR99-06-47	44730	27.74	28.08	0.34	11	0	0	100	84	11		1.2

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-06-48	44757	28.08	28.49	0.41	12	0	0	84	60	12		1.4
JR99-06-49	44758	28.49	29.00	0.51	38	6	0	76	68	44		1.1
JR99-06-50	44759	29.00	29.48	0.48	23	0	0	75	64	23		1.2
JR99-06-51	44760	29.48	30.46	0.98	18	0	0	77	68	18		1.1
JR99-06-52	44761	30.46	31.42	0.96	20	0	0	79	63	20		1.3
JR99-06-53	44762	31.42	32.00	0.58	30	0	17	83	66	47	1.8	1.3
JR99-06-54	44763	32.00	32.96	0.96	36	0	19	89	67	55	1.9	1.3
JR99-06-55	44764	32.96	33.87	0.91	22	0	0	76	59	22		1.3
JR99-06-56	44765	33.87	34.25	0.38	15	0	0	22	80	15		0.3
JR99-06-57	44766	34.25	34.56	0.31	0	0	0	17	100	0		0.2
JR99-06-58	44767	34.56	35.48	0.92	0	0	0	48	95	0		0.5
JR99-06-59	44768	35.48	36.36	0.88	0	0	0	69	79	0		0.9
JR99-06-60	44853	36.36	37.50	1.14	16	0	0	108	80	16		1.4
JR99-06-61	44854	37.50	38.50	1.00	18	0	0	92	72	18		1.3
JR99-06-62	44855	38.50	39.50	1.00	13	0	0	93	73	13		1.3
JR99-06-63	44856	39.50	40.50	1.00	16	0	0	92	73	16		1.3
JR99-06-64	44857	40.50	41.32	0.82	12	0	0	77	66	12		1.2
JR99-06-65	44858	41.82	42.45	0.63	0	0	0	65	88	0		0.7
JR99-06-66	44859	42.45	43.14	0.69	0	0	0	115	73	0		1.6
JR99-06-67	44860	43.45	44.36	0.91	0	0	0	74	85	0		0.9
JR99-06-68	44861	44.38	45.74	1.36	0	0	0	18	91	0		0.2
JR99-06-69	44862	46.30	47.00	0.70	0	0	0	11	58	0		0.2

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-07-1	47179	0.94	2.36	1.42	0	10	0	272	120	10		2.3
JR99-07-2	47180	2.36	3.75	1.39	16	17	23	623	241	56	0.7	2.6
JR99-07-3	47181	3.75	5.10	1.35	12	13	19	440	138	44	0.6	3.2
JR99-07-4	47182	5.10	6.50	1.40	13	13	0	206	121	26		1.7
JR99-07-5	47183	6.50	7.76	1.26	11	5	17	165	67	33	0.6	2.5
JR99-07-6	47184	7.76	9.13	1.37	0	0	0	99	66	0		1.5
JR99-07-7	47185	9.13	10.05	0.92	0	0	0	109	49	0		2.2
JR99-07-8	47186	10.05	11.15	1.10	72	14	0	296	103	86		2.9
JR99-07-9	47187	11.15	12.20	1.05	46	10	0	201	69	56		2.9
JR99-07-10	47188	12.20	13.40	1.20	0	6	0	158	60	6		2.6
JR99-07-11	47189	13.40	14.57	1.17	0	10	0	302	93	10		3.2
JR99-07-12	47190	14.57	16.03	1.46	0	13	0	313	100	13		3.1
JR99-07-13	47191	16.03	16.85	0.82	110	15	16	348	110	141	6.9	3.2
JR99-07-14	47192	16.85	17.58	0.73	47	15	0	323	107	62		3.0
JR99-07-15	47193	17.58	18.07	0.49	0	11	0	310	95	11		3.3
JR99-07-16	47194	18.59	19.58	0.99	24	31	22	640	207	77	1.1	3.1
JR99-07-17	47195	20.08	20.51	0.43	20	14	16	286	122	50	1.3	2.3
JR99-07-18	47196	21.00	22.23	1.23	16	20	22	403	150	58	0.7	2.7
JR99-07-19	47197	22.91	23.41	0.50	0	0	0	135	55	0		2.5
JR99-07-20	47198	23.86	24.39	0.53	0	13	18	235	91	31		2.6
JR99-07-21	47199	24.86	25.41	0.55	0	6	0	176	65	6		2.7
JR99-07-22	47200	25.71	26.20	0.49	10	9	0	226	83	19		2.7
JR99-07-23	47201	26.63	27.09	0.46	12	11	0	222	79	23		2.8
JR99-07-24	47202	27.58	28.12	0.54	0	7	0	228	77	7		3.0
JR99-07-25	47203	28.53	29.05	0.52	12	10	0	241	88	22		2.7
JR99-07-26	47204	29.52	30.42	0.90	11	10	16	189	70	37	0.7	2.7
JR99-07-27	47205	30.94	31.43	0.49	11	10	15	260	130	36	0.7	2.0
JR99-07-28	47206	31.92	32.38	0.46	16	9	15	145	74	40	1.1	2.0
JR99-07-29	47207	32.91	33.40	0.49	16	10	26	175	71	52	0.6	2.5
JR99-07-30	47208	33.92	34.45	0.53	17	13	27	203	83	57	0.6	2.4
JR99-07-31	47209	34.88	35.39	0.51	18	14	20	233	97	52	0.9	2.4
JR99-07-32	47210	35.89	36.40	0.51	26	18	26	294	117	70	1.0	2.5
JR99-07-33	47211	36.90	37.40	0.50	22	18	36	282	112	76	0.6	2.5
JR99-07-34	47212	37.86	38.28	0.42	24	17	28	278	131	69	0.9	2.1
JR99-07-35	47253	38.87	39.36	0.49	23	9	22	219	116	54	1.0	1.9
JR99-07-36	47254	39.88	40.39	0.51	21	13	27	277	122	61	0.8	2.3
JR99-07-37	47255	40.91	41.35	0.44	22	24	17	303	143	63	1.3	2.1
JR99-07-38	47256	41.85	42.36	0.51	25	16	0	327	177	41		1.8
JR99-07-39	47257	42.86	43.36	0.50	23	13	24	383	162	60	1.0	2.4
JR99-07-40	47258	43.87	44.36	0.49	27	20	34	282	119	81	0.8	2.4
JR99-07-41	47259	44.87	45.37	0.50	31	21	32	334	140	84	1.0	2.4
JR99-07-42	47260	45.88	46.40	0.52	23	20	22	258	121	65	1.0	2.1
JR99-07-43	47261	46.91	47.38	0.47	26	15	24	229	99	65	1.1	2.3
JR99-07-44	47262	47.87	48.38	0.51	29	19	27	315	157	75	1.1	2.0
JR99-07-45	47263	48.89	49.40	0.51	24	26	26	475	184	76	0.9	2.6
JR99-07-46	47264	49.86	50.36	0.50	19	28	22	254	130	69	0.9	2.0
JR99-07-47	47265	50.88	51.27	0.39	27	19	26	261	155	72	1.0	1.7

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JR99-07-48	47274	51.78	52.31	0.53	26	17	29	237	110	72	0.9	2.2
JR99-07-49	47275	52.81	53.31	0.50	29	19	37	249	110	85	0.8	2.3
JR99-07-50	47276	53.79	54.30	0.51	28	20	35	257	112	83	0.8	2.3
JR99-07-51	47277	54.81	55.32	0.51	29	18	37	315	120	84	0.8	2.6
JR99-07-52	47278	55.77	56.29	0.52	54	21	40	200	103	115	1.4	1.9
JR99-07-53	47279	56.85	57.29	0.44	26	16	33	212	97	75	0.8	2.2
JR99-07-54	47280	57.79	58.31	0.52	35	18	34	191	119	87	1.0	1.6
JR99-07-55	47281	58.78	59.29	0.51	35	19	44	273	131	98	0.8	2.1
JR99-07-56	47282	59.79	60.25	0.46	56	14	40	216	144	110	1.4	1.5
JR99-07-57	47283	60.81	61.26	0.45	33	10	32	129	67	75	1.0	1.9
JR99-07-58	47284	61.76	62.24	0.48	23	13	28	192	81	64	0.8	2.4
JR99-07-59	47285	62.72	63.25	0.53	29	12	29	217	102	70	1.0	2.1
JR99-07-60	47286	63.73	64.08	0.35	30	10	33	191	91	73	0.9	2.1
JR99-07-61	47287	64.60	65.12	0.52	25	8	28	346	138	61	0.9	2.5
JR99-07-62	47288	65.62	66.11	0.49	40	21	37	247	117	98	1.1	2.1
JR99-07-63	47289	66.60	67.06	0.46	33	17	38	184	108	88	0.9	1.7
JR99-07-64	47290	67.56	68.04	0.48	28	10	36	242	105	74	0.8	2.3
JR99-07-65	47291	68.79	69.24	0.45	27	13	29	294	115	69	0.9	2.6
JR99-07-66	47292	69.70	70.20	0.50	31	18	38	307	118	87	0.8	2.6
JR99-07-67	47293	70.69	71.13	0.44	30	17	32	134	73	79	0.9	1.8
JR99-07-68	47294	71.66	71.99	0.33	34	17	40	218	100	91	0.9	2.2
JR99-07-69	47295	72.81	73.31	0.50	45	31	42	507	222	118	1.1	2.3
JR99-07-70	47296	73.74	74.22	0.48	27	16	32	251	96	75	0.8	2.6
JR99-07-71	47297	74.74	75.18	0.44	28	15	31	204	74	74	0.9	2.8
JR99-07-72	47298	75.70	76.21	0.51	25	16	32	159	72	73	0.8	2.2
JR99-07-73	47299	77.04	77.54	0.50	69	20	38	157	65	127	1.8	2.4
JR99-07-74	47300	78.05	78.51	0.46	42	12	33	146	68	87	1.3	2.1
JR99-07-75	47301	79.02	79.51	0.49	33	12	36	113	66	81	0.9	1.7
JR99-07-76	47302	80.01	80.49	0.48	38	11	41	117	65	90	0.9	1.8
JR99-07-77	47303	81.01	81.41	0.40	34	14	37	88	67	85	0.9	1.3
JR99-07-78	47304	81.91	82.39	0.48	29	8	38	97	53	75	0.8	1.8
JR99-07-79	47305	82.90	83.41	0.51	37	11	44	107	54	92	0.8	2.0
JR99-07-80	47306	83.89	84.34	0.45	30	8	36	115	68	74	0.8	1.7
JR99-07-81	47307	84.97	85.50	0.53	24	7	24	104	60	55	1.0	1.7
JR99-07-82	47308	85.99	86.51	0.52	34	0	28	91	82	62	1.2	1.1
JR99-07-83	47309	86.99	87.44	0.45	29	0	27	91	79	56	1.1	1.2
JR99-07-84	47310	87.92	88.46	0.54	34	11	32	124	95	77	1.1	1.3
JR99-07-85	47311	88.93	89.21	0.28	50	11	28	131	93	89	1.8	1.4
JR99-07-86	47312	89.72	90.21	0.49	44	6	32	104	83	82	1.4	1.3
JR99-07-87	47313	90.72	91.27	0.55	37	0	35	92	80	72	1.1	1.2
JR99-07-88	47314	91.75	92.24	0.49	48	6	34	110	96	88	1.4	1.1
JR99-07-89	47315	92.72	93.16	0.44	44	8	31	177	135	83	1.4	1.3
JR99-07-90	47316	93.28	93.77	0.49	42	0	32	88	124	74	1.3	0.7
JR99-07-91	47317	94.28	94.77	0.49	29	5	37	83	101	71	0.8	0.8
JR99-07-92	47318	95.27	95.78	0.51	38	7	35	120	100	80	1.1	1.2
JR99-07-93	47319	96.24	96.71	0.47	45	0	33	98	115	78	1.4	0.9
JR99-07-94	47320	97.19	97.42	0.23	40	10	31	152	148	81	1.3	1.0

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JR99-07-95	47321	97.87	98.38	0.51	36	8	41	105	106	85	0.9	1.0
JR99-07-96	47322	98.84	99.27	0.43	49	21	42	248	149	112	1.2	1.7
JR99-07-97	47323	99.78	100.27	0.49	33	11	45	152	116	89	0.7	1.3
JR99-07-98	47324	100.77	101.30	0.53	35	16	46	217	115	97	0.8	1.9
JR99-07-99	47325	101.79	102.22	0.43	30	6	47	116	71	83	0.6	1.6
JR99-07-100	47326	102.74	103.21	0.47	31	11	40	114	72	82	0.8	1.6
JR99-07-101	47327	103.70	104.21	0.51	38	9	47	90	65	94	0.8	1.4
JR99-07-102	47328	104.71	105.22	0.51	37	9	57	115	76	103	0.6	1.5
JR99-07-103	47329	106.26	106.77	0.51	61	28	53	328	170	142	1.2	1.9
JR99-07-104	47330	107.23	107.73	0.50	59	19	52	192	98	130	1.1	2.0
JR99-07-105	47331	108.21	108.67	0.46	142	66	81	684	318	289	1.8	2.2
JR99-07-106	47332	109.17	109.70	0.53	64	18	51	137	79	133	1.3	1.7
JR99-07-107	47333	110.02	110.53	0.51	78	15	59	167	79	152	1.3	2.1
JR99-07-108	47334	111.04	111.52	0.48	61	10	50	132	65	121	1.2	2.0
JR99-07-109	47335	112.01	112.51	0.50	80	15	57	196	93	152	1.4	2.1
JR99-07-110	47336	112.99	113.49	0.50	97	19	67	224	113	183	1.4	2.0
JR99-07-111	47337	114.74	115.24	0.50	72	6	59	180	91	137	1.2	2.0
JR99-07-112	47338	116.70	117.12	0.42	87	11	66	198	97	164	1.3	2.0
JR99-07-113	47339	118.62	119.12	0.50	52	8	39	110	73	99	1.3	1.5
JR99-07-114	47340	121.49	122.00	0.51	60	6	40	122	75	106	1.5	1.6
JR99-07-115	47341	123.14	123.61	0.47	78	7	33	122	75	118	2.4	1.6
JR99-07-116	47342	125.49	126.00	0.51	56	6	27	101	70	89	2.1	1.4
JR99-07-117	47343	128.37	128.88	0.51	59	6	32	103	72	97	1.8	1.4
JR99-07-118	47344	130.39	130.87	0.48	50	0	34	85	60	84	1.5	1.4
JR99-07-119	47345	132.23	132.71	0.48	55	7	28	89	58	90	2.0	1.5
JR99-07-120	47346	135.19	135.54	0.35	30	0	18	68	51	48	1.7	1.3
JR99-07-122	47348	137.00	137.60	0.60	38	0	18	91	69	56	2.1	1.3
JR99-07-124	47350	139.05	139.61	0.56	32	10	15			57	2.1	
JR99-07-126	47352	141.58	142.08	0.50	68	18	17			103	4.0	
JR99-07-128	47354	144.07	144.58	0.51	19	0	0			19		
JR99-07-130	47356	146.51	147.03	0.52	29	5	0			34		
JR99-07-132	47358	149.05	149.57	0.52	14	0	0			14		
JR99-07-134	47360	151.49	151.98	0.49	16	0	0			16		
JR99-07-136	47362	153.99	154.47	0.48	58	0	0			58		
JR99-07-138	47364	156.39	156.76	0.37	19	0	0			19		
JR99-07-140	47366	158.77	159.29	0.52	43	0	0			43		
JR99-07-142	47368	161.14	161.65	0.51	29	0	0	76	89	29		0.9
JR99-07-144	47370	163.56	164.03	0.47	24	0	0			24		
JR99-07-146	47372	166.04	166.54	0.50	30	0	0			30		
JR99-07-148	47374	168.51	168.99	0.48	42	0	0			42		
JR99-07-150	47376	171.02	171.50	0.48	15	0	0			15		
JR99-07-152	47378	173.56	174.08	0.52	0	0	0			0		
JR99-07-154	47380	176.16	176.63	0.47	15	0	18			33	0.8	
JR99-07-156	47382	178.65	179.19	0.54	14	0	16			30	0.9	
JR99-07-158	47384	181.18	181.74	0.56	15	0	16			31	0.9	
JR99-07-160	47386	183.70	184.19	0.49	16	0	0			16		
JR99-07-162	47388	186.28	186.77	0.49	0	0	0	95	86	0		1.1

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-07-164	47390	188.69	189.17	0.48	32	0	20			52	1.6	
JR99-07-166	47392	191.17	191.67	0.50	24	0	0			24		
JR99-07-168	47394	193.44	193.97	0.53	0	0	17			17		
JR99-07-170	47396	196.04	196.53	0.49	17	0	0			17		
JR99-07-172	47398	198.54	199.05	0.51	19	0	0			19		
JR99-07-174	47400	201.04	201.56	0.52	45	0	17			62	2.6	
JR99-07-176	47402	203.51	204.02	0.51	0	0	0			0		
JR99-07-178	47404	206.00	206.51	0.51	20	0	16			36	1.3	
JR99-07-180	47406	208.76	209.21	0.45	14	0	16			30	0.9	
JR99-07-182	47408	211.19	211.65	0.46	12	0	15	85	62	27	0.8	1.4
JR99-07-184	47410	213.68	214.24	0.56	16	0	0			16		
JR99-07-186	47412	215.92	216.39	0.47	12	0	0			12		
JR99-07-188	47414	218.37	218.88	0.51	12	0	0			12		
JR99-07-190	47416	220.85	221.39	0.54	16	9	0			25		
JR99-07-192	47418	222.82	223.41	0.59	541	28	0	2095	3590	569		0.6
JR99-07-194	47420	224.31	224.80	0.49	21	0	15			36	1.4	
JR99-07-196	47422	228.04	228.56	0.52	14	0	0			14		

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-08-1	47082	1.15	2.00	0.85	19	0	0	77	34	19		2.3
JR99-08-2	47083	2.00	3.12	1.12	17	0	0	83	38	17		2.2
JR99-08-3	47084	3.12	4.18	1.06	23	0	0	102	46	23		2.2
JR99-08-4	47085	4.18	5.23	1.05	18	0	0	76	35	18		2.2
JR99-08-5	47086	5.23	6.28	1.05	21	0	0	99	48	21		2.1
JR99-08-6	47087	6.28	7.69	1.41	16	0	0	88	43	16		2.0
JR99-08-7	47088	7.69	8.55	0.86	33	0	0	93	49	33		1.9
JR99-08-8	47089	8.55	9.22	0.67	51	0	0	110	59	51		1.9
JR99-08-9	47090	9.22	10.28	1.06	20	0	0	63	67	20		0.9
JR99-08-10	47091	10.28	11.00	0.72	14	7	0	145	83	21		1.7
JR99-08-11	47092	11.00	12.13	1.13	59	0	0	97	73	59		1.3
JR99-08-12	47093	12.13	13.29	1.16	20	0	0	89	58	20		1.5
JR99-08-13	47094	13.29	14.26	0.97	24	0	0	94	59	24		1.6
JR99-08-14	47095	14.26	15.40	1.14	18	0	0	78	46	18		1.7
JR99-08-15	47096	15.40	16.73	1.33	19	0	0	27	54	19		0.5
JR99-08-16	47097	16.73	18.00	1.27	18	0	0	98	54	18		1.8
JR99-08-17	47098	18.00	19.12	1.12	18	0	0	100	58	18		1.7
JR99-08-18	47099	19.12	20.08	0.96	20	9	0	75	52	29		1.4
JR99-08-19	47100	20.08	20.81	0.73	18	0	20	92	58	38	0.9	1.6
JR99-08-20	47101	20.81	22.08	1.27	21	0	22	94	72	43	1.0	1.3
JR99-08-21	47102	22.08	22.60	0.52	237	38	48	617	270	323	4.9	2.3
JR99-08-22	47103	22.60	23.73	1.13	258	39	45	3257	996	342	5.7	3.3
JR99-08-23	47104	23.73	25.02	1.29	128	14	37	371	146	179	3.5	2.5
JR99-08-24	47105	25.02	26.16	1.14	474	78	119	1348	307	671	4.0	4.4
JR99-08-25	47106	26.16	27.51	1.35	211	44	54	508	139	309	3.9	3.7
JR99-08-26	47107	27.51	28.78	1.27	139	20	30	514	137	189	4.6	3.8
JR99-08-27	47108	28.78	29.31	0.53	60	6	0	77	157	66		0.5
JR99-08-28	47109	29.31	29.71	0.40	367	48	76	729	169	491	4.8	4.3
JR99-08-29	47110	29.71	29.85	0.14	17	0	0	49	133	17		0.4
JR99-08-30	47111	29.85	31.25	1.40	43	0	29	65	80	72	1.5	0.8
JR99-08-31	47112	31.25	32.80	1.55	17	0	0	106	62	17		1.7
JR99-08-32	47113	32.80	33.64	0.84	21	7	0	224	77	28		2.9
JR99-08-33	47114	33.64	35.00	1.36	0	13	0	184	65	13		2.8
JR99-08-34	47115	35.00	35.44	0.44	0	0	0	123	66	0		1.9
JR99-08-35	47116	35.44	35.83	0.39	0	10	0	394	116	10		3.4
JR99-08-36	47117	35.83	35.92	0.09	10831	178	2729	2324	279	13738	4.0	8.3
JR99-08-37	47118	35.92	36.15	0.23	314	546	76	11391	9441	936	4.1	1.2
JR99-08-38	47119	36.15	36.27	0.12	4453	109	583	399	1236	5145	7.6	0.3
JR99-08-39	47120	36.27	37.37	1.10	6791	33	175	14	38	6999	38.8	0.4
JR99-08-40	47121	37.37	38.59	1.22	68	0	0	106	70	68		1.5

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-09-1	44863	0.89	1.63	0.74	68	17	22	817	301	107	3.1	2.7
JR99-09-2	44864	1.63	2.46	0.83	160	81	65	3126	1252	306	2.5	2.5
JR99-09-3	44865	2.46	3.21	0.75	233	153	84	5351	1877	470	2.8	2.9
JR99-09-4	44866	3.21	3.95	0.74	353	212	119	6145	2482	684	3.0	2.5
JR99-09-5	44867	3.95	4.50	0.55	301	192	105	7248	2816	598	2.9	2.6
JR99-09-6	44868	4.50	5.00	0.50	287	143	81	6200	2495	511	3.5	2.5
JR99-09-7	44869	5.00	5.46	0.46	406	164	110	6415	2437	680	3.7	2.6
JR99-09-8	44870	5.46	6.06	0.60	476	191	117	7011	2487	784	4.1	2.8
JR99-09-9	44871	6.06	6.55	0.49	328	117	85	4738	1748	530	3.9	2.7
JR99-09-10	44872	6.55	7.18	0.63	310	82	62	2644	1035	454	5.0	2.6
JR99-09-11	44873	7.18	7.85	0.67	359	62	71	2860	1120	492	5.1	2.6
JR99-09-12	44874	7.85	8.63	0.78	155	33	41	1351	476	229	3.8	2.8
JR99-09-13	44875	8.63	9.15	0.52	182	12	32	393	168	226	5.7	2.3
JR99-09-14	44876	9.15	9.80	0.65	114	10	23	327	130	147	5.0	2.5
JR99-09-15	44877	9.80	10.44	0.64	112	12	34	384	203	158	3.3	1.9
JR99-09-16	44878	10.44	11.10	0.66	362	17	55	499	267	434	6.6	1.9
JR99-09-17	44879	11.10	11.75	0.65	351	30	52	1013	420	433	6.8	2.4
JR99-09-18	44880	11.75	12.43	0.68	361	34	58	1030	454	453	6.2	2.3
JR99-09-19	44881	12.43	13.36	0.93	116	12	27	503	224	155	4.3	2.2
JR99-09-20	44882	13.36	14.00	0.64	146	16	38	743	338	200	3.8	2.2
JR99-09-21	44883	14.00	14.49	0.49	125	0	29	213	143	154	4.3	1.5
JR99-09-22	44884	14.49	15.29	0.80	24	0	0	22	104	24		0.2
JR99-09-23	44885	15.29	16.17	0.88	48	0	16	117	81	64	3.0	1.4
JR99-09-24	44886	16.17	17.00	0.83	21	0	15	97	66	36	1.4	1.5
JR99-09-25	44887	17.00	17.55	0.55	16	0	15	95	69	31	1.1	1.4
JR99-09-26	44888	17.55	18.52	0.97	29	0	15	211	173	44	1.9	1.2
JR99-09-27	44889	18.52	19.61	1.09	28	0	0	103	85	28		1.2
JR99-09-28	44890	19.61	20.80	1.19	14	0	0	91	79	14		1.2
JR99-09-29	44891	20.80	21.80	1.00	0	0	0	94	76	0		1.2
JR99-09-30	44892	21.80	22.86	1.06	24	0	0	99	80	24		1.2
JR99-09-31	44893	22.86	23.85	0.99	21	0	0	94	69	21		1.4
JR99-09-32	44894	23.85	25.00	1.15	18	0	0	101	78	18		1.3
JR99-09-33	44895	25.00	26.00	1.00	13	0	0	94	76	13		1.2
JR99-09-34	44896	26.00	27.16	1.16	25	0	0	102	89	25		1.1
JR99-09-35	44898	27.16	28.18	1.02	20	0	0	165	78	20		2.1
JR99-09-36	44899	28.18	29.25	1.07	23	0	0	0	89	23		0.0
JR99-09-37	44900	29.25	30.23	0.98	16	0	0	123	73	16		1.7
JR99-09-38	44901	30.23	31.33	1.10	13	0	0	124	78	13		1.6
JR99-09-39	44902	31.33	32.27	0.94	0	0	0	116	73	0		1.6
JR99-09-40	44903	32.27	33.03	0.76	0	0	0	117	62	0		1.9
JR99-09-41	44904	33.03	33.88	0.85	0	0	0	33	93	0		0.4
JR99-09-42	44905	33.88	34.39	0.51	0	0	0	133	79	0		1.7
JR99-09-43	44906	34.39	35.50	1.11	0	0	0	116	74	0		1.6
JR99-09-44	44907	35.50	36.91	1.41	34	0	0	57	107	34		0.5
JR99-09-45	44908	36.91	37.93	1.02	0	0	0	110	67	0		1.6
JR99-09-46	44909	37.93	39.01	1.08	16	0	19	180	73	35	0.8	2.5
JR99-09-47	44910	39.01	39.94	0.93	16	0	0	153	61	16		2.5

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JR99-09-48	44911	39.94	41.03	1.09	13	0	0	129	59	13		2.2
JR99-09-49	44912	41.03	41.97	0.94	11	0	0	130	62	11		2.1
JR99-09-50	44913	41.97	43.25	1.28	15	0	18	115	48	33	0.8	2.4
JR99-09-51	44914	43.25	44.25	1.00	11	0	0	117	42	11		2.8
JR99-09-52	44915	44.25	45.10	0.85	16	0	16	119	50	32	1.0	2.4
JR99-09-53	44916	45.10	45.72	0.62	11	0	0	121	46	11		2.6
JR99-09-54	44917	45.72	46.46	0.74	13	0	0	126	47	13		2.7
JR99-09-55	44918	46.46	47.00	0.54	16	0	19	130	50	35	0.8	2.6
JR99-09-56	44919	47.00	47.90	0.90	15	0	19	96	48	34	0.8	2.0
JR99-09-57	44920	47.90	49.05	1.15	15	0	22	131	46	37	0.7	2.8
JR99-09-58	44921	49.05	50.00	0.95	17	0	21	129	46	38	0.8	2.8
JR99-09-59	44922	50.00	51.16	1.16	14	0	19	116	43	33	0.7	2.7
JR99-09-60	44923	51.16	52.33	1.17	13	0	19	119	50	32	0.7	2.4
JR99-09-61	44924	52.33	53.43	1.10	16	0	19	124	53	35	0.8	2.3
JR99-09-62	44925	53.43	54.56	1.13	14	0	18	121	53	32	0.8	2.3
JR99-09-63	44926	54.56	55.28	0.72	12	0	0	132	50	12		2.6
JR99-09-64	44927	55.28	56.33	1.05	10	0	0	130	55	10		2.4
JR99-09-65	44928	56.33	57.22	0.89	0	0	0	119	54	0		2.2
JR99-09-66	44929	57.22	58.28	1.06	13	17	16	116	50	46	0.8	2.3
JR99-09-67	44930	58.28	59.46	1.18	12	0	0	117	54	12		2.2
JR99-09-68	44931	59.46	60.28	0.82	10	0	0	112	48	10		2.3
JR99-09-69	44932	60.28	60.99	0.71	0	0	0	117	51	0		2.3
JR99-09-70	44933	60.99	61.95	0.96	12	0	16	119	54	28	0.8	2.2

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JR99-10-1	47213	1.62	2.14	0.52	22	9	25	211	105	56	0.9	2.0
JR99-10-2	47214	2.14	2.79	0.65	20	13	18	276	94	51	1.1	2.9
JR99-10-3	47215	2.79	3.51	0.72	80	27	45	453	183	152	1.8	2.5
JR99-10-4	47216	3.51	4.27	0.76	65	15	39	355	137	119	1.7	2.6
JR99-10-5	47217	4.27	4.97	0.70	35	6	24	139	73	65	1.5	1.9
JR99-10-6	47218	4.97	5.72	0.75	22	0	20	98	59	42	1.1	1.7
JR99-10-7	47219	5.72	6.39	0.67	49	0	0	120	71	49		1.7
JR99-10-8	47220	6.39	7.17	0.78	26	0	0	99	64	26		1.5
JR99-10-9	47221	7.17	7.86	0.69	21	0	0	90	67	21		1.3
JR99-10-10	47222	7.86	8.58	0.72	24	0	0	102	65	24		1.6
JR99-10-11	47223	8.58	9.26	0.68	21	0	0	87	70	21		1.2
JR99-10-12	47224	9.26	10.06	0.80	45	0	0	96	77	45		1.2
JR99-10-13	47225	10.06	10.70	0.64	27	0	0	87	68	27		1.3
JR99-10-14	47226	10.70	11.43	0.73	34	0	16	86	58	50	2.1	1.5
JR99-10-15	47227	11.43	12.20	0.77	19	0	0	82	60	19		1.4
JR99-10-16	47228	12.20	12.84	0.64	47	6	17	111	67	70	2.8	1.7
JR99-10-17	47229	12.84	13.41	0.57	19	0	0	93	65	19		1.4
JR99-10-18	47230	13.41	14.22	0.81	11	0	0	100	61	11		1.6
JR99-10-19	47231	14.22	15.18	0.96	25	0	0	110	76	25		1.4
JR99-10-20	47232	15.18	16.40	1.22	45	12	16	84	66	73	2.8	1.3
JR99-10-21	47233	16.40	17.54	1.14	41	6	0	96	76	47		1.3
JR99-10-22	47234	17.54	18.37	0.83	12	0	0	116	70	12		1.7
JR99-10-23	47235	18.37	19.14	0.77	20	0	0	97	65	20		1.5
JR99-10-24	47236	19.14	19.81	0.67	41	7	16	96	64	64	2.6	1.5
JR99-10-25	47237	19.81	20.62	0.81	16	0	0	118	73	16		1.6
JR99-10-26	47238	20.62	21.25	0.63	19	0	0	99	78	19		1.3
JR99-10-27	47239	21.25	23.00	1.75	16	0	0	106	107	16		1.0
JR99-10-28	47240	23.00	23.75	0.75	62	5	21	94	87	88	3.0	1.1
JR99-10-29	47241	23.75	24.82	1.07	29	0	18	93	92	47	1.6	1.0
JR99-10-30	47242	24.82	25.89	1.07	14	0	0	88	70	14		1.3
JR99-10-31	47243	25.89	26.81	0.92	14	0	18	81	75	32	0.8	1.1
JR99-10-32	47244	26.81	27.84	1.03	13	0	21	91	66	34	0.6	1.4
JR99-10-33	47245	27.84	28.87	1.03	10	0	20	97	66	30	0.5	1.5
JR99-10-34	47246	28.87	30.04	1.17	13	0	21	93	66	34	0.6	1.4
JR99-10-35	47247	30.04	31.18	1.14	15	0	0	14	98	15		0.1
JR99-10-36	47248	31.18	32.38	1.20	11	0	0	8	120	11		0.1
JR99-10-37	47249	32.38	32.86	0.48	13	0	0	56	93	13		0.6
JR99-10-38	47250	32.86	33.84	0.98	11	0	0	122	69	11		1.8
JR99-10-39	47251	33.84	34.64	0.80	14	0	0	94	64	14		1.5
JR99-10-40	47252	34.64	35.25	0.61	14	0	0	101	69	14		1.5
JR99-10-41	47266	35.25	36.35	1.10	25	0	0	103	81	25		1.3
JR99-10-42	47267	36.35	38.36	2.01	32	0	0	182	107	32		1.7
JR99-10-43	47268	38.36	39.64	1.28	11	0	0	154	84	11		1.8
JR99-10-44	47269	39.64	41.24	1.60	0	0	0	85	83	0		1.0
JR99-10-45	47270	41.24	42.70	1.46	22	0	0	126	96	22		1.3
JR99-10-46	47271	42.70	43.82	1.12	0	0	0	96	85	0		1.1
JR99-10-47	47272	43.82	45.69	1.87	0	0	0	56	95	0		0.6

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-10-48	47273	45.69	47.00	1.31	0	0	0	83	88	0		0.9

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-11-1	44934	1.50	2.41	0.91	55	0	17	104	66	72	3.2	1.6
JR99-11-2	44935	2.41	3.03	0.62	29	0	0	117	70	29		1.7
JR99-11-3	44936	3.03	3.83	0.80	280	23	44	524	219	347	6.4	2.4
JR99-11-4	44937	3.83	5.00	1.17	581	51	96	1358	617	728	6.1	2.2
JR99-11-5	44938	5.00	5.89	0.89	398	29	72	974	468	499	5.5	2.1
JR99-11-6	44939	5.89	6.82	0.93	55	6	0	223	105	61		2.1
JR99-11-7	44940	6.82	7.65	0.83	203	22	47	465	211	272	4.3	2.2
JR99-11-8	44941	7.65	8.50	0.85	35	6	0	89	67	41		1.3
JR99-11-9	44942	8.50	9.54	1.04	27	0	0	91	57	27		1.6
JR99-11-10	44943	9.54	10.50	0.96	112	7	17	125	94	136	6.6	1.3
JR99-11-11	44944	10.50	11.57	1.07	50	0	0	149	80	50		1.9
JR99-11-12	44945	11.57	12.67	1.10	30	0	0	94	63	30		1.5
JR99-11-13	44946	12.67	13.87	1.20	147	10	26	229	132	183	5.7	1.7
JR99-11-14	44947	13.87	15.05	1.18	72	28	31	815	369	131	2.3	2.2
JR99-11-15	44948	15.05	16.15	1.10	69	27	34	862	352	130	2.0	2.4
JR99-11-16	44949	16.15	17.06	0.91	121	67	49	2869	1190	237	2.5	2.4
JR99-11-17	44950	17.06	18.05	0.99	99	52	46	2768	963	197	2.2	2.9
JR99-11-18	44608	18.05	19.19	1.14	107	71	61	3420	1346	239	1.8	2.5
JR99-11-19	44609	19.19	20.19	1.00	123	115	67	4195	1513	305	1.8	2.8
JR99-11-20	44610	20.19	21.32	1.13	151	104	68	4355	1718	323	2.2	2.5
JR99-11-21	44611	21.32	22.23	0.91	180	117	97	4540	1800	394	1.9	2.5
JR99-11-22	44612	22.23	23.21	0.98	153	97	86	4347	1648	336	1.8	2.6
JR99-11-23	44613	23.21	24.23	1.02	207	126	95	4844	1969	428	2.2	2.5
JR99-11-24	44614	24.23	25.24	1.01	219	134	95	4734	1904	448	2.3	2.5
JR99-11-25	44615	25.24	25.89	0.65	190	123	84	3832	1500	397	2.3	2.6
JR99-11-26	44616	25.89	26.52	0.63	245	156	108	4740	1870	509	2.3	2.5
JR99-11-27	44617	26.52	27.21	0.69	263	210	113	5980	1945	586	2.3	3.1
JR99-11-28	44618	27.21	28.12	0.91	186	117	80	3985	1552	383	2.3	2.6
JR99-11-29	44619	28.12	29.12	1.00	350	143	110	4478	1822	603	3.2	2.5
JR99-11-30	44620	29.12	30.19	1.07	345	159	129	4293	1764	633	2.7	2.4
JR99-11-31	44621	30.19	30.87	0.68	339	152	134	5135	2059	625	2.5	2.5
JR99-11-32	44622	30.87	31.78	0.91	364	127	132	5040	1865	623	2.8	2.7
JR99-11-33	44623	31.78	32.52	0.74	519	199	184	7020	2741	902	2.8	2.6
JR99-11-34	44624	32.52	33.54	1.02	680	235	226	7378	3167	1141	3.0	2.3
JR99-11-35	44625	33.54	34.56	1.02	970	224	298	8449	3229	1492	3.3	2.6
JR99-11-36	44626	34.56	35.48	0.92	1296	305	312	8905	3634	1913	4.2	2.5
JR99-11-37	44627	35.48	36.47	0.99	1122	304	309	8238	3601	1735	3.6	2.3
JR99-11-38	44628	36.47	37.18	0.71	1013	247	242	6153	2669	1502	4.2	2.3
JR99-11-39	44629	37.18	37.80	0.62	783	247	188	5627	2182	1218	4.2	2.6
JR99-11-40	44630	37.80	38.86	1.06	1016	217	216	5365	2293	1449	4.7	2.3
JR99-11-41	47057	38.86	39.63	0.77	1183	247	207	5503	2147	1637	5.7	2.6
JR99-11-42	47058	39.63	40.31	0.68	1036	206	177	4663	1647	1419	5.9	2.8
JR99-11-43	47059	40.31	41.17	0.86	513	104	112	2221	747	729	4.6	3.0
JR99-11-44	47060	41.17	42.04	0.87	1567	194	245	4329	2174	2006	6.4	2.0
JR99-11-45	47061	42.04	42.80	0.76	2091	290	358	6966	2946	2739	5.8	2.4
JR99-11-46	47062	42.80	43.31	0.51	2036	232	322	6953	3557	2590	6.3	2.0
JR99-11-47	47063	43.31	43.43	0.12	1487	149	219	5048	2338	1855	6.8	2.2

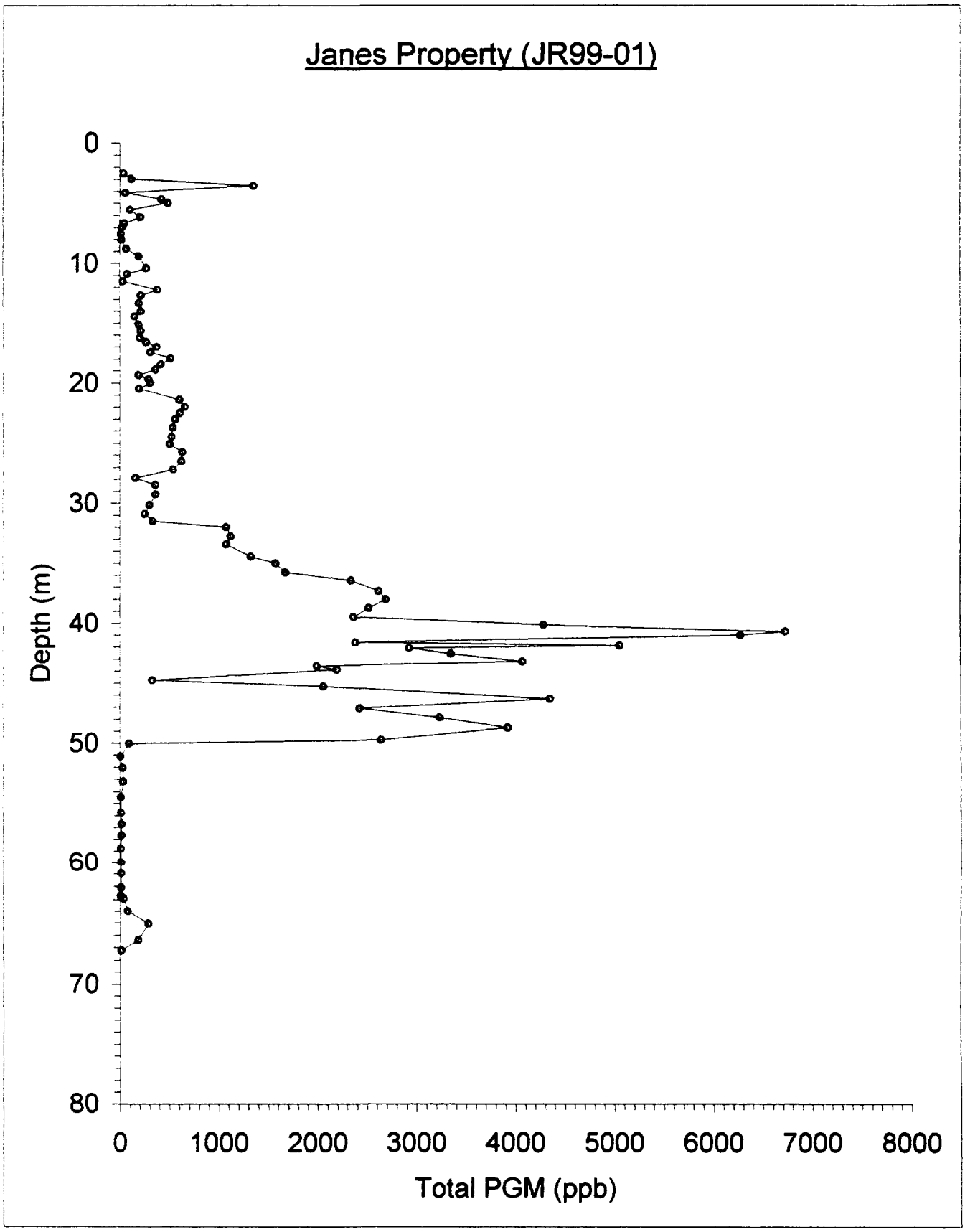
Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-11-48	47064	43.43	44.31	0.88	2036	232	310	6360	3291	2578	6.6	1.9
JR99-11-49	47065	44.31	45.30	0.99	2067	225	315	6136	2505	2607	6.6	2.4
JR99-11-50	47066	45.30	46.15	0.85	3236	370	494	8799	3044	4100	6.6	2.9
JR99-11-51	47067	46.15	47.02	0.87	4169	322	595	10199	4328	5086	7.0	2.4
JR99-11-52	47068	47.02	47.71	0.69	2482	192	301	6094	2737	2975	8.2	2.2
JR99-11-53	47069	47.71	48.68	0.97	1877	142	269	3821	1717	2288	7.0	2.2
JR99-11-54	47070	48.68	49.22	0.54	524	42	83	848	432	649	6.3	2.0
JR99-11-55	47071	49.22	49.90	0.68	32	5	0	659	277	37		2.4
JR99-11-56	47072	49.90	50.77	0.87	14	0	0	54	124	14		0.4
JR99-11-57	47073	50.77	51.62	0.85	13	0	0	96	96	13		1.0
JR99-11-58	47074	51.62	52.28	0.66	13	0	0	40	132	13		0.3
JR99-11-59	47075	52.28	53.28	1.00	0	6	0	106	95	6		1.1
JR99-11-60	47076	53.28	54.39	1.11	0	0	0	118	82	0		1.4
JR99-11-61	47077	54.39	55.36	0.97	20	8	0	112	63	28		1.8
JR99-11-62	47078	55.36	55.94	0.58	136	55	44	1709	673	235	3.1	2.5
JR99-11-63	47079	55.94	56.84	0.90	22	6	0	122	74	28		1.6
JR99-11-64	47080	56.84	58.17	1.33	16	0	0	106	63	16		1.7
JR99-11-65	47081	58.17	59.58	1.41	14	0	0	103	68	14		1.5

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-12-1	47122	2.69	3.52	0.83	28	0	0	83	55	28		1.5
JR99-12-2	47123	3.52	4.38	0.86	17	0	0	86	61	17		1.4
JR99-12-3	47124	4.38	5.23	0.85	11	0	0	87	44	11		2.0
JR99-12-4	47125	5.23	6.23	1.00	15	0	0	94	54	15		1.7
JR99-12-5	47126	6.23	7.33	1.10	25	0	0	61	65	25		0.9
JR99-12-6	47127	7.33	8.01	0.68	11	0	0	61	69	11		0.9
JR99-12-7	47128	8.01	9.11	1.10	12	0	0	94	56	12		1.7
JR99-12-8	47129	9.11	10.21	1.10	16	0	0	82	69	16		1.2
JR99-12-9	47130	10.21	11.24	1.03	26	5	0	89	65	31		1.4
JR99-12-10	47131	11.24	12.14	0.90	0	0	0	84	60	0		1.4
JR99-12-11	47132	12.14	12.99	0.85	13	0	0	86	60	13		1.4
JR99-12-12	47133	12.99	13.72	0.73	10	0	0	83	67	10		1.2
JR99-12-13	47134	13.72	14.74	1.02	15	0	0	86	56	15		1.5
JR99-12-14	47135	14.74	15.79	1.05	11	0	0	84	61	11		1.4
JR99-12-15	47136	15.79	16.88	1.09	0	0	0	93	60	0		1.6
JR99-12-16	47137	16.88	17.92	1.04	14	0	0	102	62	14		1.6
JR99-12-17	47138	17.92	18.84	0.92	13	5	0	93	74	18		1.3
JR99-12-18	47139	18.84	19.80	0.96	10	6	0	109	81	16		1.3
JR99-12-19	47140	19.80	20.94	1.14	11	0	0	101	79	11		1.3
JR99-12-20	47141	20.29	22.28	1.99	13	0	0	64	91	13		0.7
JR99-12-21	47142	22.28	23.72	1.44	12	5	16	118	100	33	0.8	1.2
JR99-12-22	47143	23.72	25.00	1.28	14	0	0	69	85	14		0.8
JR99-12-23	47144	25.00	26.26	1.26	0	0	0	99	87	0		1.1
JR99-12-24	47145	26.26	27.34	1.08	0	6	0	116.0	108.0	6		1.1
JR99-12-25	47146	27.34	28.26	0.92	0	0	0	39.0	81.0	0		0.5

Sample	Tag No.	From (m)	To (m)	Interval (m)	Pd (ppb)	Au (ppb)	Pt (ppb)	Cu (ppm)	Ni (ppm)	Pd+Au+Pt (ppb)	Pd:Pt	Cu:Ni
JR99-13-1	47147	2.00	3.35	1.35	81	8	23	125	84	112	3.5	1.5
JR99-13-2	47148	3.35	4.40	1.05	79	8	24	118	90	111	3.3	1.3
JR99-13-3	47149	4.40	5.06	0.66	44	0	15	23	71	59	2.9	0.3
JR99-13-4	47150	5.06	6.50	1.44	31	0	0	79	98	31		0.8
JR99-13-5	47151	6.50	7.98	1.48	24	0	0	91	71	24		1.3
JR99-13-6	47152	7.98	9.13	1.15	17	0	0	118	62	17		1.9
JR99-13-7	47153	9.13	10.49	1.36	23	0	0	95	64	23		1.5
JR99-13-8	47154	10.49	11.45	0.96	24	0	0	96	60	24		1.6
JR99-13-9	47155	11.45	12.34	0.89	22	0	0	97	45	22		2.2
JR99-13-10	47156	12.34	13.29	0.95	18	0	0	124	44	18		2.8
JR99-13-11	47157	13.29	14.06	0.77	18	0	0	96	43	18		2.2
JR99-13-12	47158	14.06	15.24	1.18	42	5	0	104	48	47		2.2
JR99-13-13	47159	15.24	16.27	1.03	11	0	0	98	48	11		2.0
JR99-13-14	47160	16.27	17.29	1.02	11	0	20	95	38	31	0.6	2.5
JR99-13-15	47161	17.29	18.36	1.07	0	0	0	97	35	0		2.8
JR99-13-16	47162	18.36	19.52	1.16	0	0	16	90	33	16		2.7
JR99-13-17	47163	19.52	20.52	1.00	20	0	0	87	34	20		2.6
JR99-13-18	47164	20.52	21.69	1.17	11	0	0	88	33	11		2.7
JR99-13-19	47165	21.69	22.71	1.02	18	0	0	91	36	18		2.5
JR99-13-20	47166	22.71	23.73	1.02	13	0	0	92	34	13		2.7
JR99-13-21	47167	23.73	24.47	0.74	24	0	18	93	38	42	1.3	2.4
JR99-13-22	47168	24.47	25.20	0.73	12	0	23	91	37	35	0.5	2.5
JR99-13-23	47169	25.20	25.84	0.64	17	0	16	91	47	33	1.1	1.9
JR99-13-24	47170	25.84	27.09	1.25	14	0	32	86	38	46	0.4	2.3
JR99-13-25	47171	27.09	28.27	1.18	10	0	26	99	43	36	0.4	2.3
JR99-13-26	47172	28.27	29.86	1.59	13	0	22	103	52	35	0.6	2.0
JR99-13-27	47173	29.86	31.03	1.17	13	0	21	97	51	34	0.6	1.9
JR99-13-28	47174	31.03	31.73	0.70	11	23	0	109	60	34		1.8
JR99-13-29	47175	31.73	33.04	1.31	28	0	0	237	55	28		4.3
JR99-13-30	47176	33.04	34.66	1.62	0	0	15	35	39	15		0.9
JR99-13-31	47177	34.66	35.83	1.17	0	0	0	33	40	0		0.8
JR99-13-32	47178	35.83	36.79	0.96	0	0	0	33	41	0		0.8

APPENDIX IV

Miscellaneous Geochemical Plots


Janes Property (JR99-01)
Depth (m)
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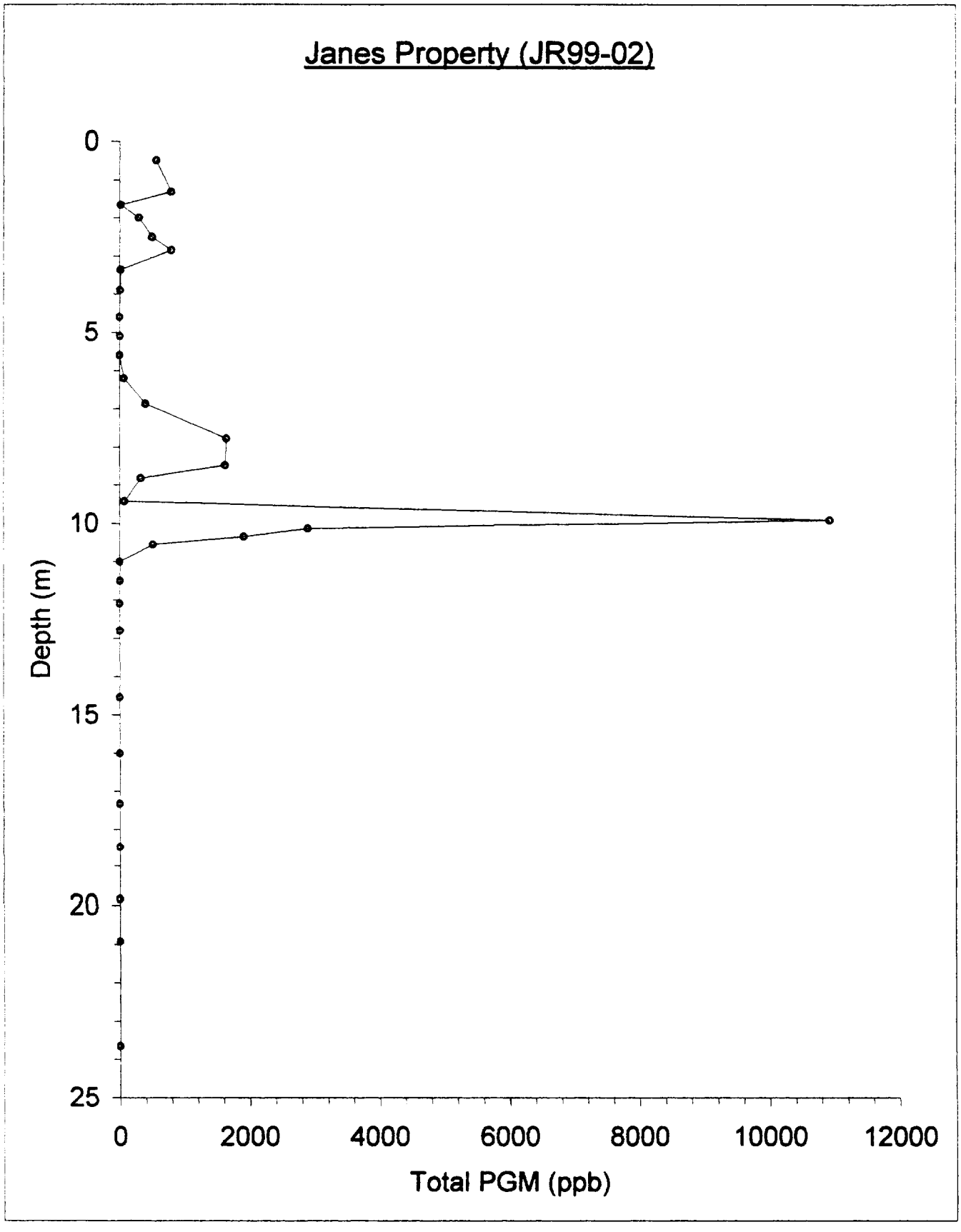
4000
5000
6000
7000
8000
Total PGM (ppb)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15
20
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Depth (m)
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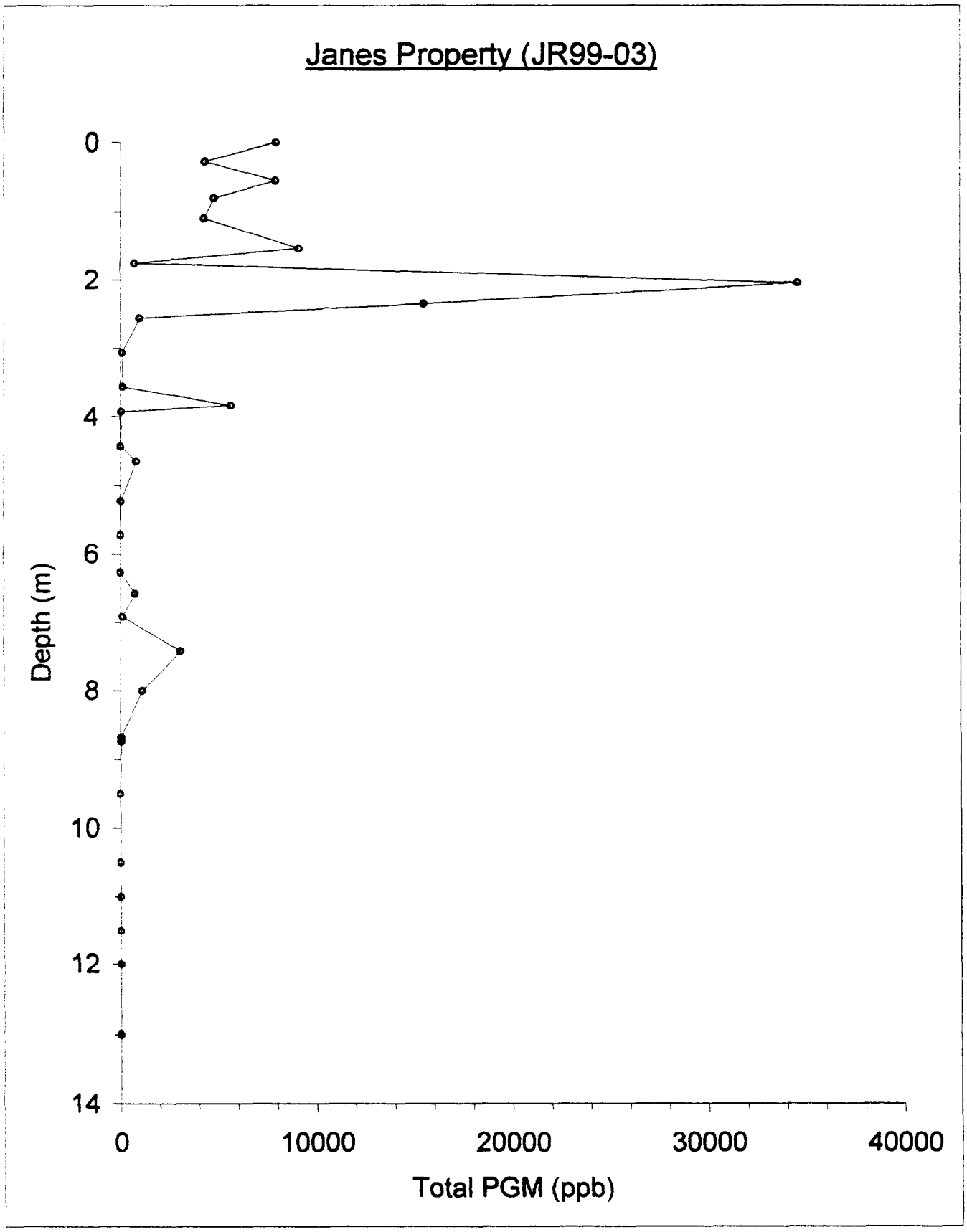
8000
10000
12000
Total PGM (ppb)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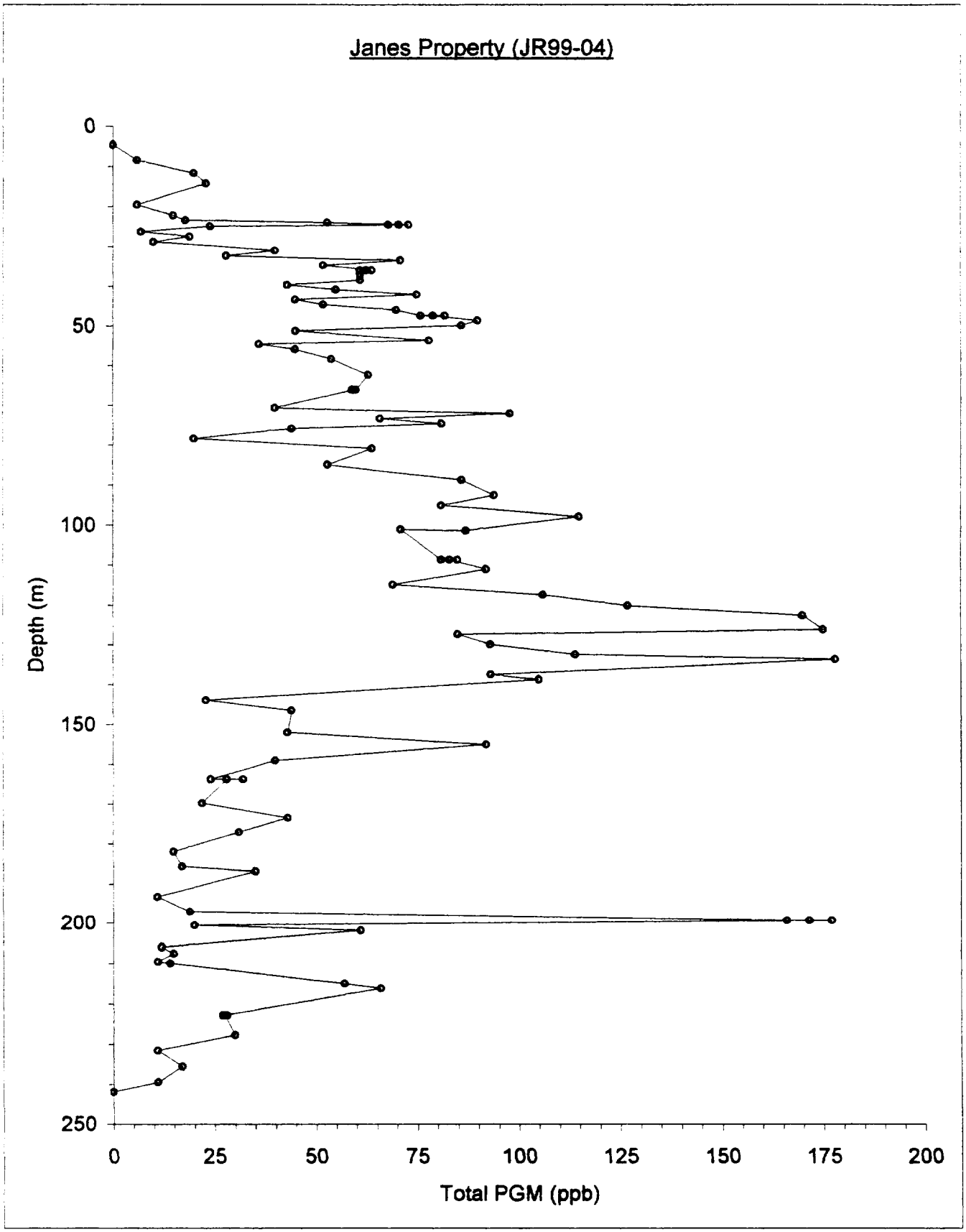
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100
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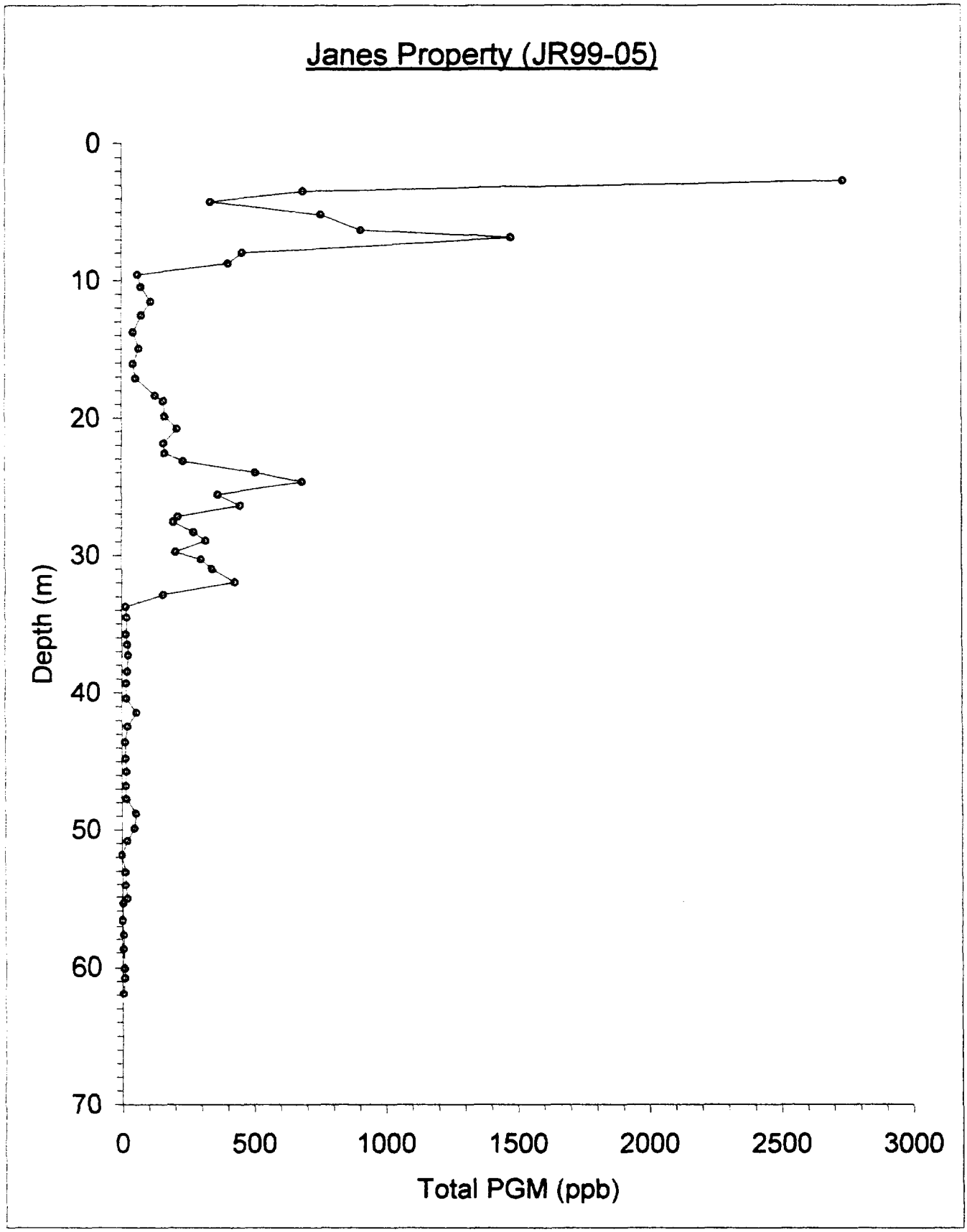
200
Total PGM (ppb)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Depth (m)
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70
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1000
1500
2000
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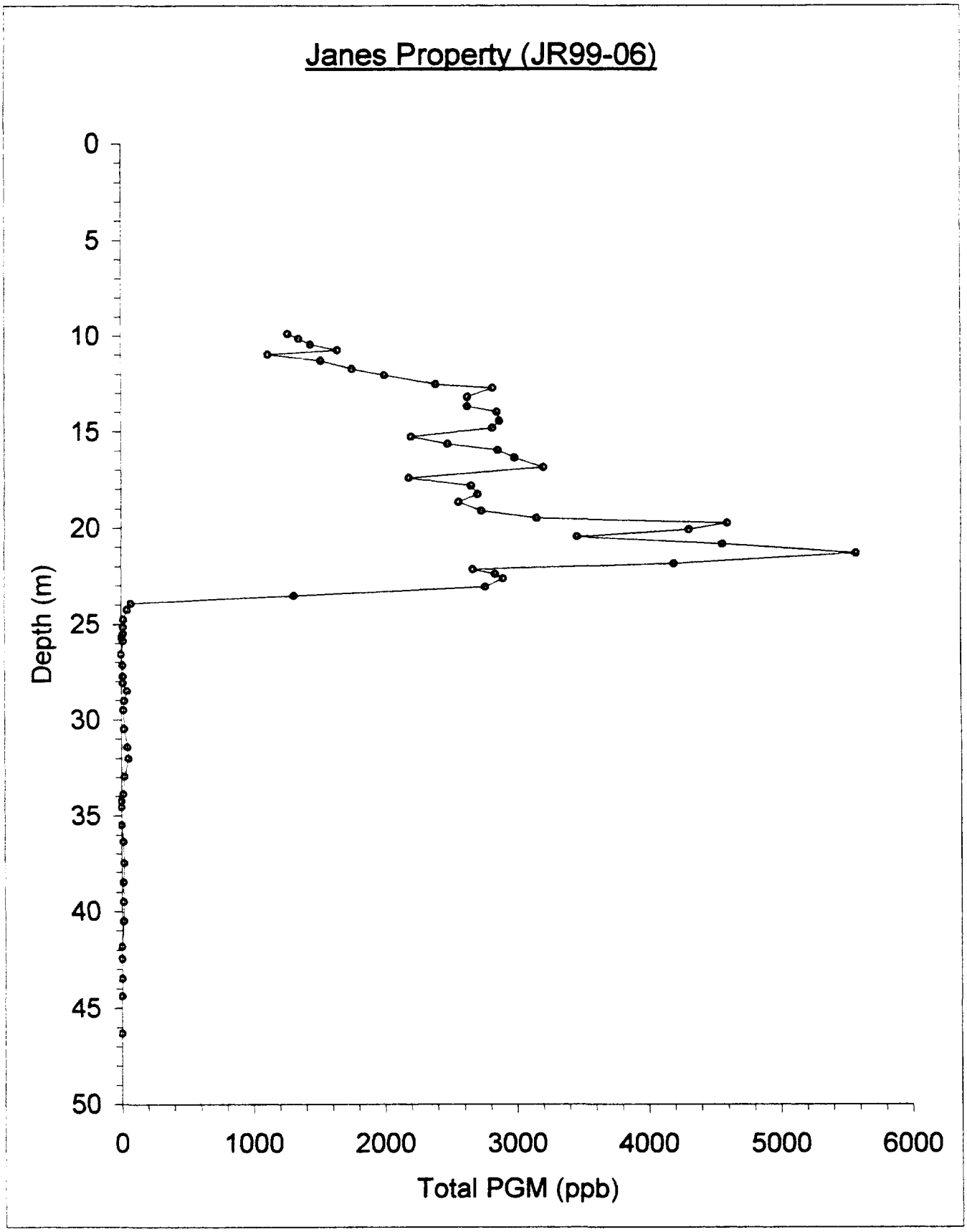
3000
Total PGM (ppb)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Depth (m)
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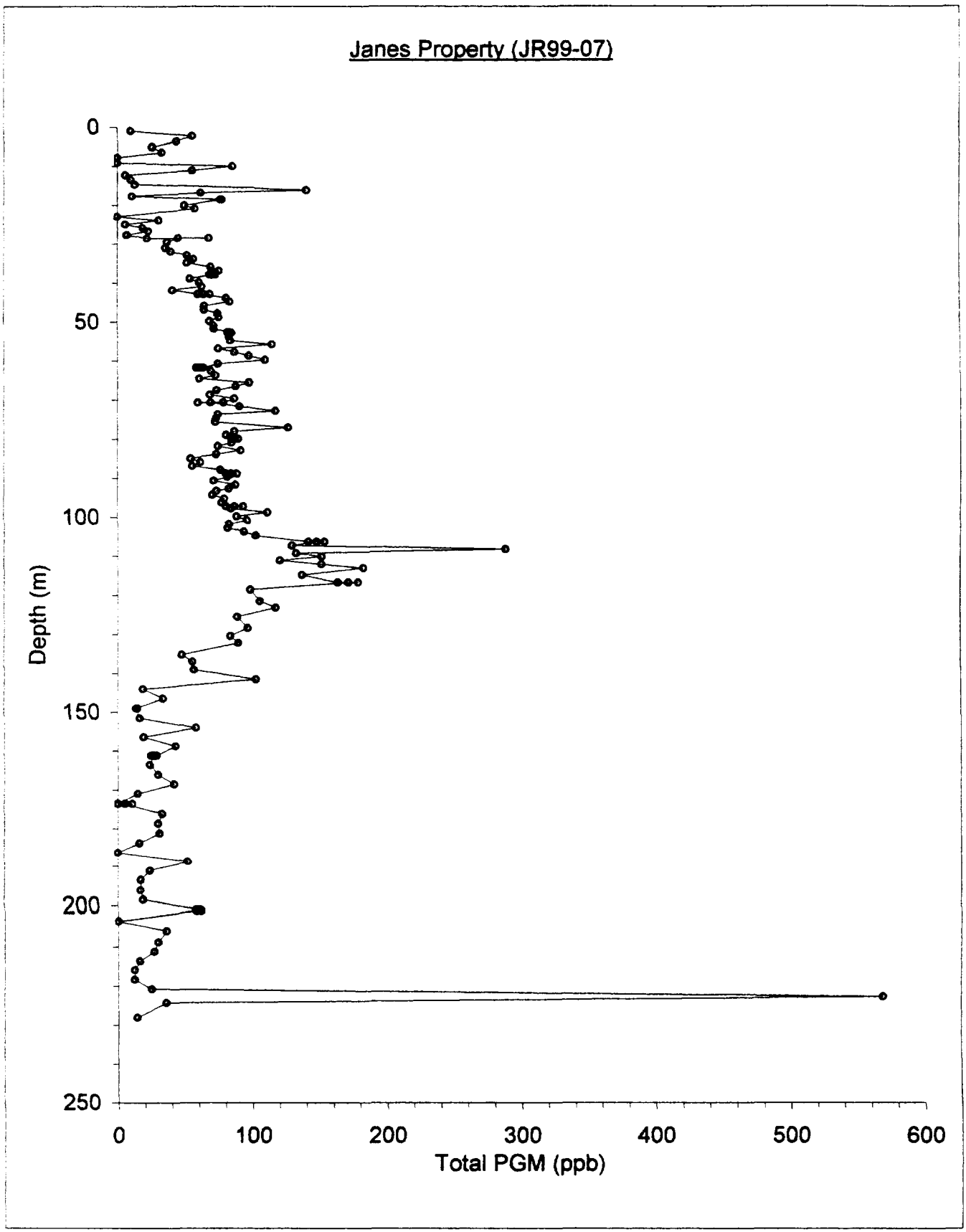
4000
5000
6000
Total PGM (ppb)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Depth (m)
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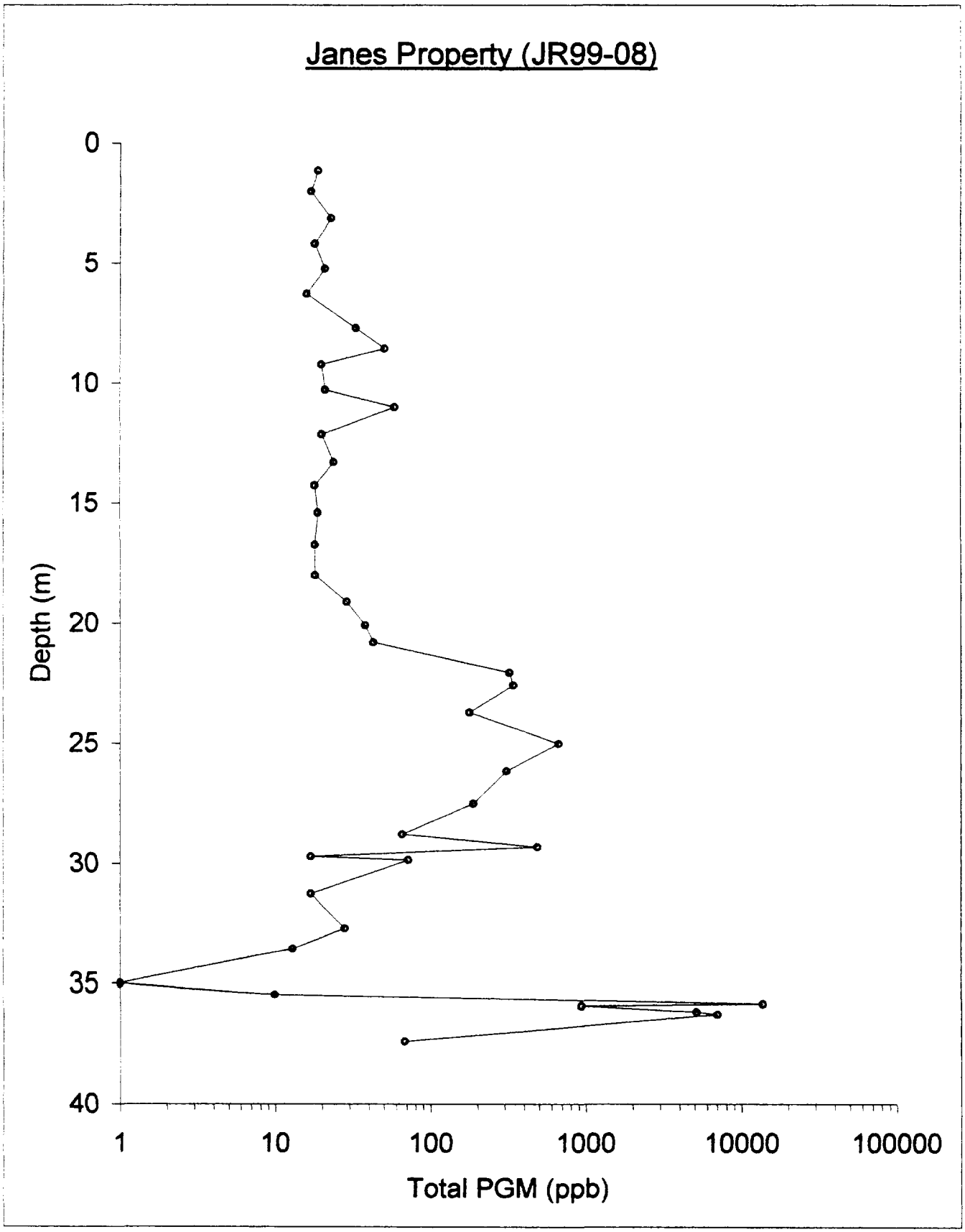
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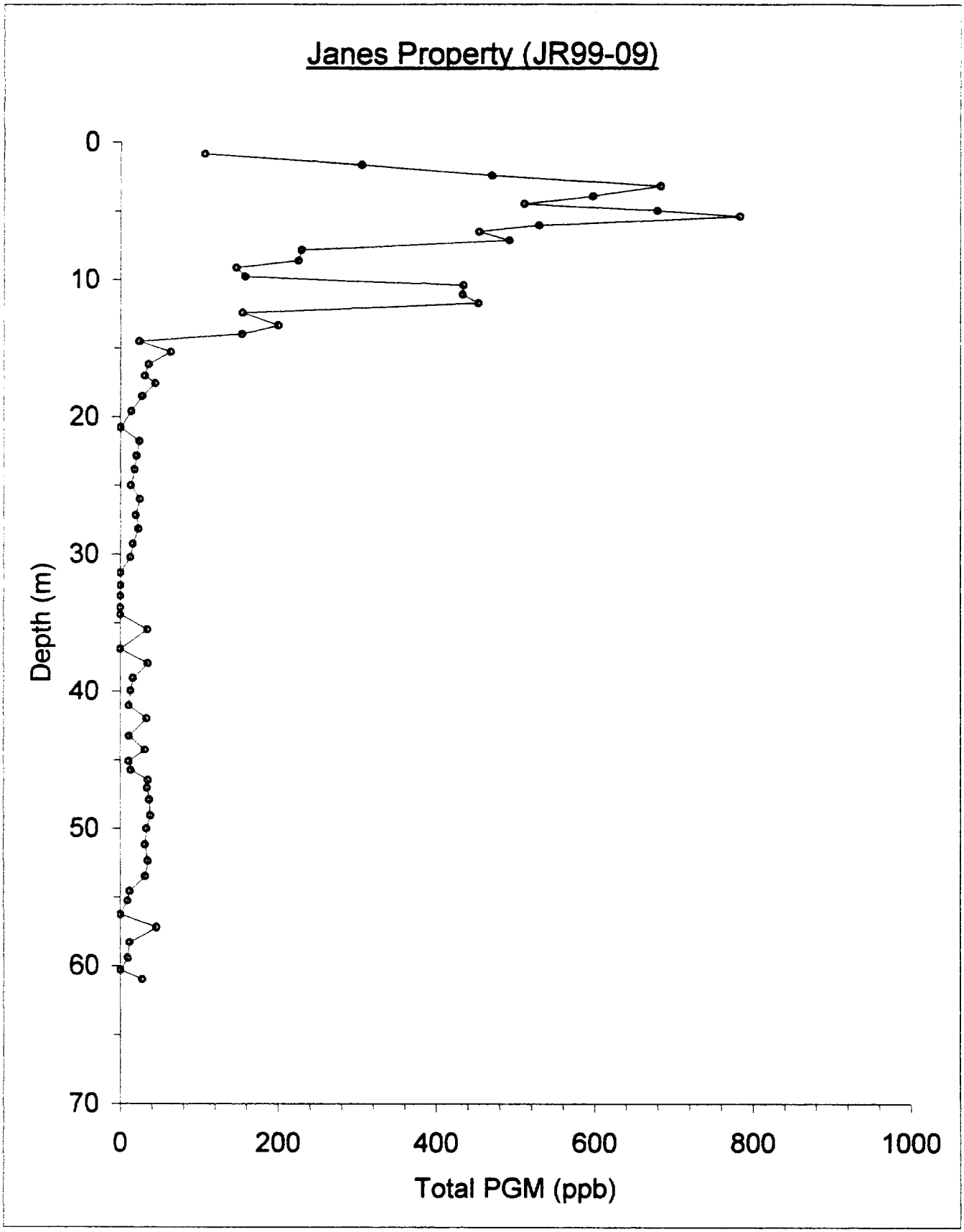
25
30
35
40
1
10
100
1000
10000
100000
Total PGM (ppb)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50
60
70
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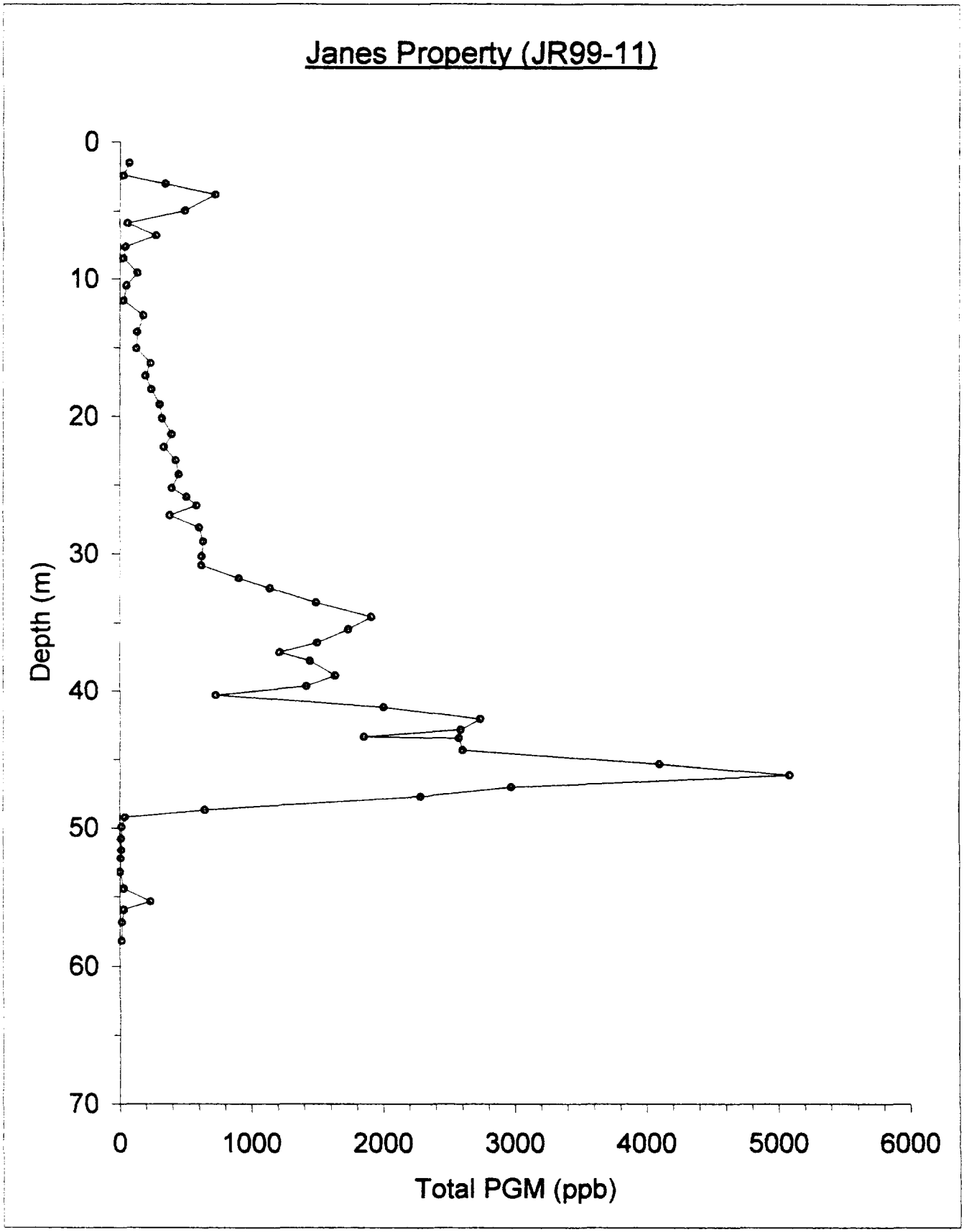
200
400
600
800
1000
Total PGM (ppb)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Depth (m)
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60
70
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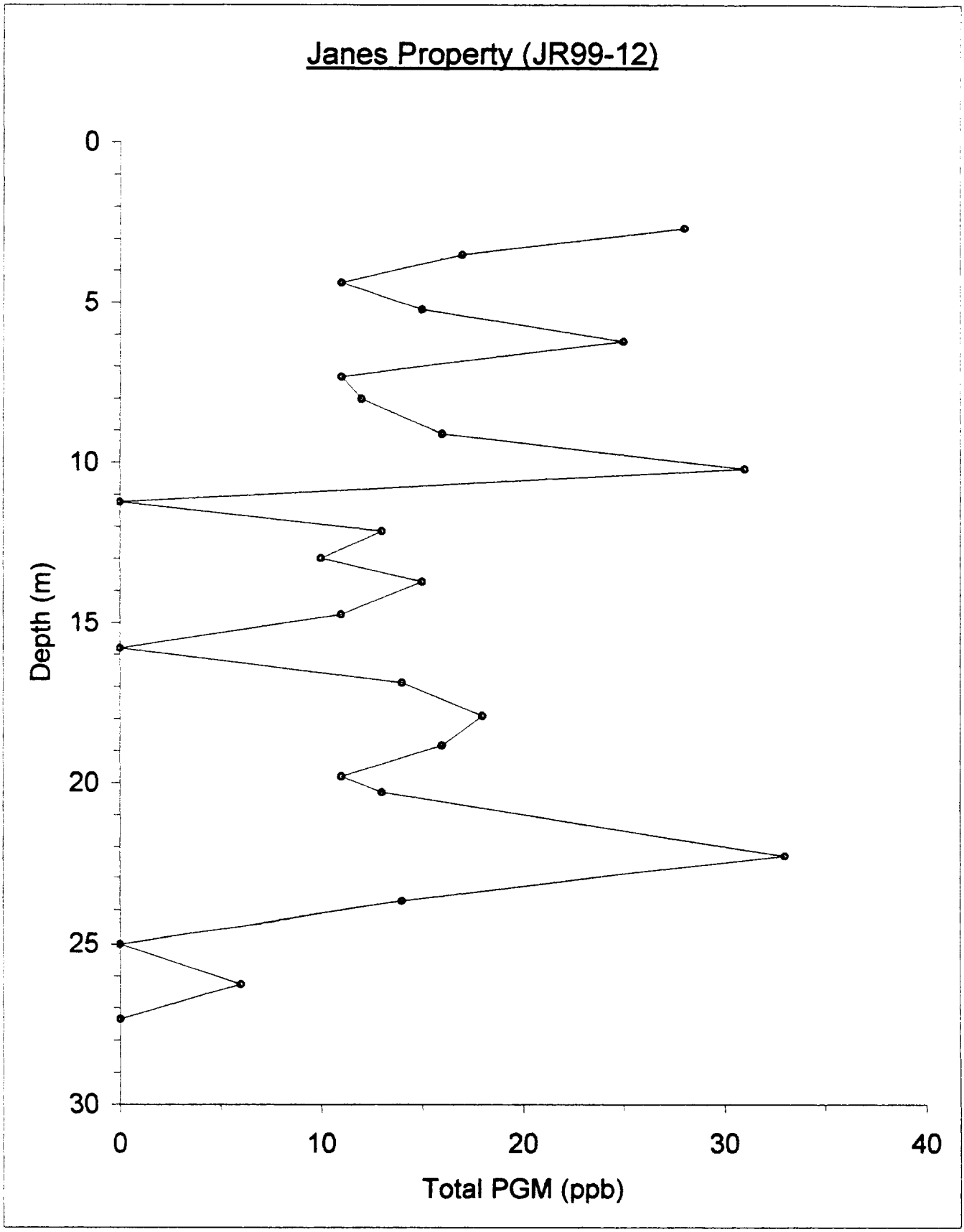
2000
3000
4000
5000
6000
Total PGM (ppb)


Janes Property (JR99-12)
Depth (m)
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30
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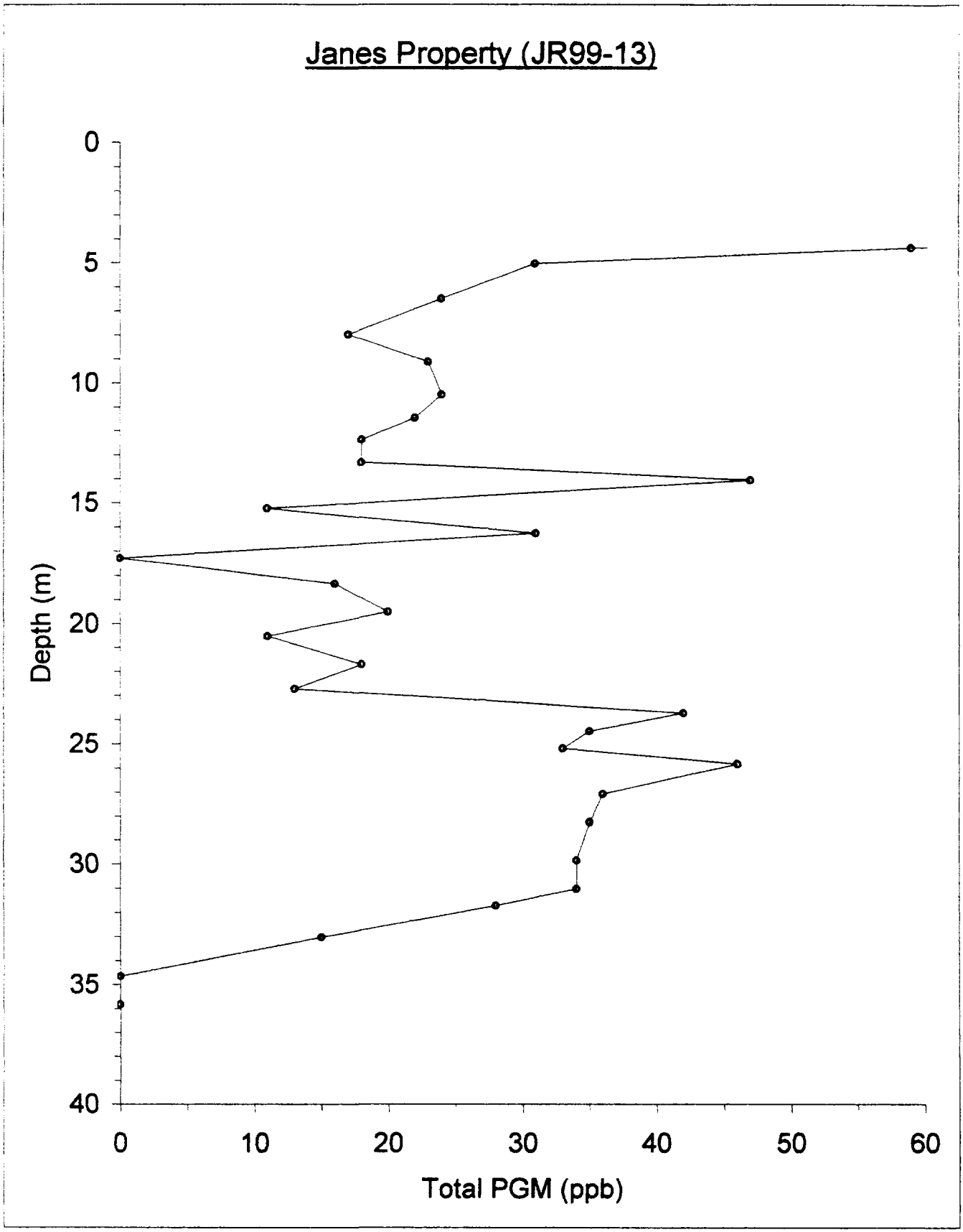
10
20
30
40
Total PGM (ppb)


Janes Property (JR99-13)
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0
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50
60
Total PGM (ppb)

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)
W9970.00321
Assessment Files Research Imaging

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

41I09NW2005 2.19887 JANES 900

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

2.19887

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

Name: Gold WRIGHT Explorations Inc.	Client Number: 303579
Address: General Delivery	Telephone Number: 705-967,0216
Hagar Ont P0M1X0	Fax Number: 705 967, 0598
Name: BRIAN WRIGHT	Client Number: 210254
Address: General Delivery	Telephone Number: 705 967, 0216
Hagar Ont P0M1X0	Fax Number: 705 967 0598

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 Program	Office Use
	Commodity
	Total $ Value of Work Claimed: 93,174
Dates Work Performed From: Day 15 Month 02 Year 99 To: Day 30 Month 09 Year 94	NTS Reference
Global Positioning System Data (if available) Township/Area: Janes	Mining Division: Sudbury
M or G-Plan Number: G-2907	Resident Geologist District: Sudbury

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: Scott Jobin-Bevans	Telephone Number: 705-524 9060
Address: 225 Fendale Ave Sudbury Ont.	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:

4. Certification by Recorded Holder or Agent

I, BRIAN WRIGHT (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: Brian Wright		Date: Nov 29/99
Agent's Address: General Delivery, Hagar Ont.	Telephone Number: 705 967-0216	Fax Number: 705-967-0598

0241 (03/97)

RECORDED NOV 29 1999

PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED NOV 29 1999 A.M. P.M. 7 8 9 10 11 12 1 2 3 4 5 6

RECEIVED NOV 29 1999 GEOSCIENCE ASSESSMENT OFFICE

Deemed: Feb 29/2000

415

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.

W9970.00321

	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
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	2.19887	$4,892
1	1220220	16		0		
2	1220221	16	93,174	6400	62,400	24,374
3	1220222	16		0		
4	1220223	16		0		
5	1229826	16		6400		
6	1229827	12		48,000		
7	1229831	12		4,800		
8	1229832	12		4,800		
9	1229852	16		6,400		
10	1230296	16		6,400		
11	1229744	16		6,400		
12	1229726	16		6,400		
13	1229727	16		6,400		
14	1229732	16		6,400		
15	1229733	8		3,200		
	Column Totals		93,174	68,800	62,400	24,374

I, BRIAN WRIGHT (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
Brian Wright	Nov 29/99.

6. **Instruction 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):

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
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

PROVINCIAL RECORDING OFFICE - SUDBURY
RECEIVED
NOV 29 1999
A.M. 3:00 P.M.
7 8 9 10 11 12 1 2 3 4 5 6

RECEIVED
NOV 29 1999
GEOSCIENCE ASSESSMENT OFFICE

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9970.00321

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.

2.19897

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond-Drilling	1041 m	$47/m	48,927
Geologist	33 days	250/day	8,250
Plowing Access Rd.			2,000
Misc. Labour			2,255
Core Splitting			2,547
Geological Assistant			575
Spotting & Survey holes			600
Associated Costs (e.g. supplies, mobilization and demobilization).			
Assays			19,430
Saw & Blade Rentals			1,945
Shipping & Sample Bags & Pails			1,297
			122
			628
Transportation Costs			
3660 km at 0.30/km			1,098
Food and Lodging Costs			3,500
35 days & 2 men at 50/day			
		Total Value of Assessment Work	93,174

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

0212 (03/97)

PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED NOV 29 1999 A.M. P.M. 7 8 9 10 11 12 1 2 3 4 5 6

Signature	Date
Brian Wright	Nov 29/99

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

February 29, 2000

GOLDWRIGHT EXPLORATIONS INC
GENERAL DELIVERY
HAGAR, ONTARIO
P0M-1X0

Dear Sir or Madam:

Submission Number: 2.19887

Subject: Transaction Number(s):		**Status**
	W9970.00321	Approval After Notice

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: 14607
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19887

Date Correspondence Sent: February 29, 2000 **Assessor:** STEVE BENETEAU

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9970.00321	1220221	JONES	Approval After Notice	February 25, 2000

Section:
16 Drilling PDRILL

The 45 days outlined in the Notice dated January 11, 2000 have passed.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

The assessment credit is being reduced by $2,000.00. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is $91,174.00.

Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office by March 14, 2000 otherwise assessment credit will be cut-back and distributed as outlined in Section #6 of the Declaration of Assessment Work form.

Correspondence to:

Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

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

GOLDWRIGHT EXPLORATIONS INC
HAGAR, ONTARIO

BRIAN JAMES WRIGHT
HAGAR, ONTARIO

Correspondence ID: 14607

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

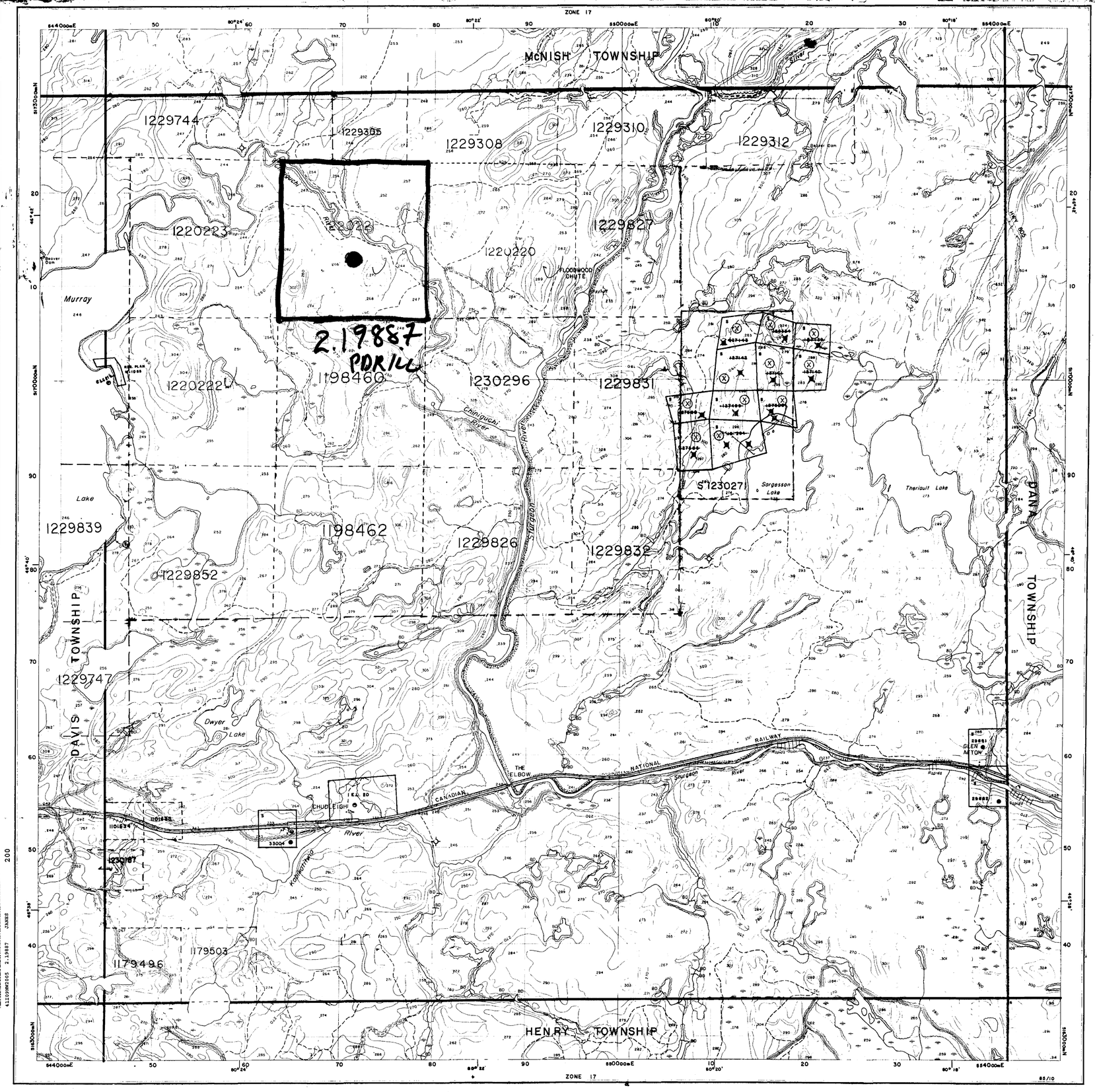
Date: February 29, 2000

Submission Number: 2.19887

Transaction Number: W9970.00321

Claim Number	Value Of Work Performed
1220221	91,174.00
Total: $	91,174.00

Correspondence ID: 14607



Ministry of Natural Resources
Ontario
Ministry of Northern Affairs and Mines

INDEX TO LAND DISPOSITION

PLAN
G-2907

DATE OF ISSUE
DEC 01 1998

TOWNSHIP
JANES

PROVINCIAL RECORDING OFFICE - SUDBURY

RECEIVED
NOV 29 1999
GEOSCIENCE ASSESSMENT OFFICE

M.N.R. ADMINISTRATIVE DISTRICT
NORTH BAY
MINING DIVISION
SUDBURY
LAND TITLES/REGISTRY DIVISION
SUDBURY

Scale 1:20 000

1000 0 1000 2000 Metres

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

= Claims under agreement

= J. Rastall prospect

SYMBOLS

Boundary
Township, Meridian, Baseline
Road allowance; surveyed
shoreline
Lot/Concession; surveyed
unsurveyed
Parcel; surveyed
unsurveyed
Right-of-way; road
railway
utility
Reservation
Cliff, Pit, Pile
Contour
Interpolated
Approximate
Depression
Control point (horizontal)
Flooded land
Mine head frame
Pipeline (above ground)
Railway; single track
double track
abandoned
Road; highway, county, township
access
trail, bush
Shoreline (original)
Transmission line
Wooded area

JUNE 1ST OPENINGS 1937 3.126334 ETAL

DISPOSITION OF CROWN LANDS

Patent
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Lease
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Licence of Occupation
Order-in-Council
Cancelled
Reservation
Sand & Gravel
LAND USE PERMIT

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
MRS - Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
⊗	~~SEC.35/80~~	~~O-5-9/86~~	~~04/04/86~~	~~M & S~~	~~186160~~
	~~Sec.35/80~~	~~O-3/84~~	~~05/03/84~~	~~M & S~~	~~186160~~
S	Sec. 45/70	W.94/77	6/12/77	SRO	188530

Part of order W 2/84 REOPENED by order O-M. 01/90 HER effective April 3,1990 at 7.00 AM E.S.T.

QUARRY PERMITS

DESCRIPTION	FILE No.	ISSUE DATE	EXPIRATION DATE

NOTES

Subdivision of this Township into Lots and Concessions was annulled 29th December, 1953.

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

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.