GOLD ASSAYS AT PLATINEX'S SHINING TREE PROPERTY SHOW ENRICHMENT TREND AT DEPTH.

TORONTO, ONTARIO, January 19, 2010 - Platinex Inc. (TSX-V: PTX), announced today ninety five total metallics assays for gold at Swastika Laboratories used to obtain greater sample accuracy have confirmed the values obtained from the February, 2009 drilling program. All drill hole intervals from the Herrick deposit are posted at the end of the release and will be posted on Platinex's website. A modest increase was noticed in the near surface hole assays using total metallics assay methods. Comparison of all results to date from 36 drill holes indicates a consistent and significant increase in estimates of gold content in total metallics assays from intersections which are greater than 50 metres in depth.

A 11,500 m drilling program is planned to commence in mid-March, 2010. Initial targets will be on the Herrick Vein where unqualified intersections of 39.1g/t Au/2.3m, 18.88g/t Au/3.4m; 8.22 g/t Au/0.7m and 5.5g/t Au/4.0m are reported at depths between 100 and 200m. The down rake extension of the former producing Ribble Vein will also be tested.

For the purpose of this release James R. Trusler, P.Eng is considered the qualified person.

Platinex Inc.
James R. Trusler
President & CEO
Tel: (905) 470-6400 ext.8007
Email: jtrusler@platinex.com

To receive Company press releases, please email lparadis@platinex.com and mention "Platinex press release" on the subject line.

FORWARD-LOOKING STATEMENTS:
Except for statements of historical fact, all statements in this news release - including, without limitation, statements regarding future plans and objectives, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate; actual results and future events could differ materially from those anticipated in such statements.

Metallics Assays

Hole ID	Zone	From (m)	To (m)	Interval (m)	Total Metallics Au g/t	Original Assay Au g/t
HP09-36	CENTRAL	36.35	43.5	7.15	2.76	3.19
incl	CENTRAL	36.35	39.7	3.35	3.79	4.70
HP09-24	WEST	40.8	46	5.20	4.30	4.11
incl	WEST	40.8	44	3.20	6.54	6.23
HP09-16	WEST	22	25.5	3.50	0.51	0.51
HP09-16	CENTRAL	48.2	49.85	1.65	3.89	3.84
HP09-17	WEST	33.5	37.7	4.20	2.80	3.05
incl	WEST	*34*	*36.7*	2.70	3.29	3.68
HP09-18	WEST	22.3	23.3	1.00	5.10	5.68
HP09-19	WEST	10	11.15	1.15	1.22	1.24
HP09-20	CENTRAL				NSV	NSV
HP09-21	CENTRAL	12.75	14	1.25	6.90	6.84
HP09-22	CENTRAL	14	21.4	7.40	0.72	0.71
incl	CENTRAL	19	21.4	2.40	1.19	1.14
HP09-23	WEST	14.4	15.7	1.30	5.67	5.62
HP09-25	WEST	12.9	14.3	1.40	3.05	2.47
HP09-26	WEST	17.4	18	0.60	3.70	3.22
HP09-27	WEST	18.6	29	10.40	2.65	2.63
incl	WEST	26.3	29	2.70	5.42	5.46
HP09-28	WEST	24.9	26.3	1.40	2.07	1.94
HP09-29	WEST	14	20.5	6.50	1.79	1.77
incl	WEST	19	20	1.00	8.72	8.52
HP09-30	WEST	18.2	28.4	10.20	1.53	1.57
incl	WEST	18.9	20.7	1.80	6.28	6.47
HP09-31	WEST	24.2	31.4	7.20	1.88	1.74
incl	WEST	26	29	3.00	3.08	2.88
HP09-32	WEST	26.3	30.5	4.20	0.48	0.48
HP09-33	hole stopped short of target due to shaft					
HP09-34	CENTRAL	27.3	29.6	2.30	2.00	1.97
incl	CENTRAL	27.3	29.1	1.80	2.33	2.32
HP09-35	CENTRAL	8.7	9.7	1.00	0.57	0.57
HP09-37	CENTRAL	19	24	5.00	2.20	2.09
incl	CENTRAL	22.33	24	1.67	5.18	4.88
HP09-38	CENTRAL	29.3	30.7	1.40	2.79	2.59
HP09-39	CENTRAL	21.3	23.7	2.40	1.27	0.96
HP09-40	CENTRAL	35.85	37	1.15	2.63	2.94
HU89-5	WEST	26	26.4	0.40	2.18	2.18
HU89-5	CENTRAL	78.1	80	1.90	2.36	2.36
HU89-5	EAST	98.15	100.5	2.35	3.54	3.41
HU89-6	WEST	32	35	3.00	1.12	1.18
HU89-7	WEST	73.2	74.9	1.70	3.27	2.91
HU89-7	CENTRAL	114	115.3	1.30	4.10	4.08
HU89-8	WEST	39.3	42.1	2.80	5.94	5.46
incl	WEST	39.3	41.1	1.80	8.72	7.94
HU89-8	CENTRAL	73	74.7	1.70	8.92	7.75
HU89-9	CENTRAL	79.7	87	7.30	2.51	2.58
incl	CENTRAL	81.8	84.85	3.05	3.18	3.27
HU89-10	CENTRAL	68	73	5.00	2.20	2.09
incl	CENTRAL	70.5	72	1.50	3.54	3.29
HU89-11	CENTRAL	46.3	50	3.70	2.93	2.96
incl	CENTRAL	46.8	47.9	1.10	5.81	5.82
HU89-12	CENTRAL	90	99.5	9.50	1.90	1.71
incl	CENTRAL	90.4	92.4	2.00	3.27	3.10
HU89-13	CENTRAL	104	105	1.00	4.97	4.50
HU89-14	CENTRAL	62.55	69.85	7.30	1.66	1.51
incl	CENTRAL	65.9	69.85	3.95	2.62	2.32
HU89-15	CENTRAL	99.25	103.5	4.25	2.21	1.73
incl	CENTRAL	99.25	100.7	1.45	3.73	2.62