FORM 51-102F3
MATERIAL CHANGE REPORT

Item 1. Name and Address of Company

Pele Mountain Resources Inc. (the "**Issuer**")
2200 Yonge Street
Suite 1002
Toronto, ON M4S 2C6

Item 2. Date of Material Change

January 26, 2006.

Item 3. Press Release

Press release issued by the Issuer on January 26, 2006 via a Canadian news wire service, a copy of which has been filed via SEDAR.

Item 4. Summary of Material Change

Announcement with respect to drilling results from phase three drilling at Talisker gold zone within the Issuer's Highland Gold project in northern Ontario.

Item 5. Full Description of Material Change

This Issuer announced its report of new high grade gold intersections from phase three drilling at the Talisker gold zone within its Highland Project in northern Ontario. Splitting and logging of the remaining three drill holes from Talisker is currently underway and drilling is continuing at the Springbank gold zone, where the Issuer recently announced new high grade gold intersections. Highland is 100-percent owned by Pele Gold Corporation, a wholly-owned subsidiary of the Company.

The Phase 3 drill program is following up on successful results in Phase 1 and Phase 2 drilling which took place during the fall and winter of 2005. The new drilling at Talisker is testing the down dip extension of the high grade gold mineralization to a depth of approximately 60 meters. Three drilling setups were spaced 30 meters apart and designed to intersect the gold zone at approximately 40 metres depth from surface, with two additional higher angle drill holes completed to test the gold zone at 60 metres from surface. The high grade gold mineralizatrion is continuing and remains open at depth and along strike. Drilling highlights from the first, second and third phase programs at Talisker are summarized at Schedule "A" attached hereto.

The shear zone at the Talisker gold occurrence has been traced in intermittent outcrop for more than 450 meters within the Issuer's Highland Gold Property and is one of a number of gold-bearing shear zones at Highland associated with the south and east contact of the Gutcher Lake Stock. It is within 300 meters of Pele's Springbank gold occurrence where Pele recently reported significant gold assays across drill intersections with an apparent width between 1.0 and 3.0 meters and average grades from 1.7 to 26.0 grams per tonne (g/t) gold (see press release January 24, 2006).

Both the Talisker and Springbank gold zones are within the royalty-free Porter-Premier property, one of Pele's several Highland claim groups covering over 10,000 acres within the Goudreau-Lochalsh Deformation Zone ("**GLDZ**"), home to the development-stage Island Gold project and several other past producing gold mines.

All gold assays are of split drill core that was securely shipped to Accurassay Laboratories, an ISO 17025 accredited laboratory, where all sample preparation and analysis were performed.

The information issued in this press release dated January 26, 2006 has been reviewed and approved by Dr. Edward Walker, P.Geo., an independent consultant and Qualified Person pursuant to National Instrument 43-101.

Item 6. Reliance on Section 75(3) of the Act

Not Applicable.

Item 7. Omitted Information

No information has been omitted from this material change report.

Item 8. Senior Officer

The following senior office of the Issuer is knowledgeable about the material change and the Report and may be contacted by the Commission as follows:

Alan L. Shefsky, President and Chief Executive Officer
Telephone: 416-368-7224
Facsimile: 416-368-7230
Internet: www.pelemountain.com

DATED January 31, 2006.

PELE MOUNTAIN RESOURCES INC.

"Alan L. Shefsky"

Per: _____

ALAN L. SHEFKSY
President and Chief Executive Officer

SCHEDULE "A"

Summary of Talisker Drilling Highlights

Drill Program	Drill Hole	From (m)	To (m)	Length (m)	Gold (g/t)
Phase 3	PP-DH05-01	30.89	32.3	1.41	11.3
	Including	30.89	31.11	0.22	68.3
	PP-DH05-03	38.62	40.45	1.83	13.5
	Including	39.75	39.99	0.24	96.0
Phase 1*	PP-DH05-08*	3.21	11.37	8.16	8.4
	Including	10.05	10.60	0.55	95.5
Phase 2*	PP-DH05-10*	11.72	13.76	2.04	2.0
	Including	13.25	13.76	0.51	3.0
	PP-DH05-13*	17.29	19.3	2.01	7.2
	Including	18.19	18.80	0.61	20.9
	PP-DH05-14*	14.31	16.75	2.44	10.1
	Including	14.31	14.64	0.33	36.5
	PP-DH05-15*	22.53	23.95	1.42	9.1
	Including	23.00	23.50	0.50	24.9
	PP-DH05-16*	4.01	6.26	2.25	12.4
	Including	4.61	4.95	0.34	49.9
	PP-DH05-17*	16.17	17.27	1.10	4.8
	Including	16.90	17.27	0.37	12.9
	PP-DH05-18*	2.20	3.51	1.31	7.3
	Including	3.19	3.51	0.32	27.3
	PP-DH05-19*	5.12	6.03	0.91	12.0
	Including	5.12	5.41	0.29	36.9

* Results previously reported