

Appendix 2:

XRF analysis of the Pt/HALMSN catalysts:

Samples 1, 2, 3 and 4 are Pt/HALMSN with Si/Al of 7, 10, 20 and 50, respectively.

Ministry of Industries and Mines	 GEOLOGICAL SURVEY OF IRAN	Date: _____	
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Mineralogy Department XRF Lab			
Requester :Mr.Mohammad Reza Sazegar			
Report.No:92-1985	Code NO:92-1645		
Data of report:1-Feb-2014			
Semi Quantitative Analysis			
LAB. NO:	2112	2113	2114
Field NO:	1	2	3
Formula	Conc.%	Conc.%	Conc.%
Na ₂ O	1.02	0.84	0.63
Al ₂ O ₃	26.55	13.47	8.85
SiO ₂	72.30	85.58	90.40
Pt	0.11	0.10	0.11
			94.82

Azadi Sq .Meraj Blud.Tehran . Iran
P.O .Box: 13185 - 1494
Tel: +9821 6041981-9
Fax: +9821 6009338
E-mail:info@gsi.org.ir
Web Site: <http://www.gsi.org.ir>