



Immediate Release: NR 11-23

## EXTORRE ANNOUNCES MORE HIGH GRADES FROM ZOE VEIN AT CERRO MORO

Vancouver, B.C., December 7, 2011 – Extorre Gold Mines Limited (AMEX:XG; TSX:XG; Frankfurt: E1R, “Extorre” or the “Company”) is pleased to announce high grade to bonanza grade gold-silver results from 17 of 28 new holes drilled on the Zoe zone at Cerro Moro, Santa Cruz Province, Argentina. Some of the drill holes represent potential extensions to the National Instrument 43-101 compliant resource estimate dated November 3<sup>rd</sup>, 2011.

Assay highlights include:

**MD1391** intersected **11.15 metres (“m”) at 36.3 grams per tonne (“g/t”) gold + 4,412 g/t silver** (124.5 g/t gold equivalent\*), *including 0.65 m at 487.4 g/t gold + 37,993 g/t silver* (1,247.2 g/t gold equivalent\*).

**MD1405** intersected **4.60 m at 27.5 g/t gold + 3,424 g/t silver** (96.0 g/t gold equivalent\*), *including 0.80 m at 128.5 g/t gold + 12,199 g/t silver* (372.5 g/t gold equivalent\*).

**MD1411** intersected **3.55 m at 32.8 g/t gold + 2,819 g/t silver** (89.2 g/t gold equivalent\*), *including 0.32 m at 136.2 g/t gold + 10,792 g/t silver* (352.0 g/t gold equivalent\*).

**MD1429** intersected **2.47 m at 44.9 g/t gold + 2,951 g/t silver** (103.9 g/t gold equivalent\*), *including 0.66 m at 158.1 g/t gold + 9,601 g/t silver* (350.2 g/t gold equivalent\*).

**MD1433** intersected **9.00 m at 1.3 g/t gold + 261 g/t silver** (6.5 g/t gold equivalent\*), *including 1.4 m at 2.3 g/t gold + 953 g/t silver* (21.3 g/t gold equivalent\*).

\*Gold equivalent grade is calculated by dividing silver grades by 50 and adding this figure to gold grade and assuming 100% metallurgical recovery.

Matt Williams, Extorre’s Exploration Manager stated “These results represent a mix of infill drilling to gain further confidence in the Zoe resource and step out drilling to test for extensions to the deposit. As Zoe represents 24% of the total indicated mineral resource and 37% of the inferred mineral resource for Cerro Moro, it remains our focus for two of the four drill rigs employed on the property.

“Of particular significance is the MD1433 drill intersection at a 420 metre vertical depth below surface, the deepest intercept to date of significant mineralization on the Cerro Moro property. The 420 metre depth, when compared to the other principal zones: 270 m at Escondida and 320 m at Gabriela, demonstrates the potential for expanding all of the veins at Cerro Moro to depth.

“Elsewhere at Cerro Moro a total of 65 drill holes have been completed on 22 targets. A number of these holes have successfully intersected veins displaying the mineral assemblage considered favourable for high grades. Some follow-up drilling is in progress to establish grade continuity of the discoveries but preliminary indications are encouraging.”

### Zoe East Drilling

Of the two drill rigs at Zoe, one is testing for extensions at depth and the second is exploring for repetitions of the Zoe deposit up to three kilometres to the east. Three drill holes, spaced 500 metres apart, have successfully intersected what is interpreted to be the Zoe structure over a 1.5 kilometre strike length. Visual indications suggest that the early intercepts are high in the system, a geological situation common to the Zoe and the Martina deposits. Deeper step back holes are planned.

The Escondida structure (on which the Zoe vein is located) has now been traced for over a strike length of 10 kilometres.

## Other Drilling

A third rig is currently drilling to provide geotechnical data to assist in detailed open pit planning of pit wall angles and slope stability. This data will feed into the revised Preliminary Economic Assessment ("PEA-3") scheduled for release in the first quarter 2012. PEA-3 will be based on the recent mineral resource estimate released on November 3.

A fourth drill rig continues to test new targets defined by Extorre's geological team.

## Detailed Results

Of a total of 28 new drill hole assay results, significant results from 17 are detailed in the following table. The remaining 11 were low grade and/or narrow. Results from an additional 33 new holes at the Zoe vein are awaited.

Click here for [location plan](#) of the Zoe target and a [longitudinal section](#) showing the drill hole array.

### Significant drilling results from the Zoe vein (at a 1.0 g/t gold equivalent\* cut-off grade):

Drill Hole	From (m)	To (m)	Width (m)	Gold (g/t)	Silver (g/t)	Gold Equivalents* (g/t)	Gold Equivalents* (oz/ton)
MD1384A <sup>#</sup>	321.16	326.75	5.59	2.2	253	7.2	0.21
<b>including</b>	<b>323.70</b>	<b>324.42</b>	<b>0.72</b>	<b>9.7</b>	<b>1,021</b>	<b>30.1</b>	<b>0.87</b>
<b>MD1389</b>	<b>306.28</b>	<b>307.68</b>	<b>1.40</b>	<b>22.1</b>	<b>766</b>	<b>37.4</b>	<b>1.08</b>
<b>including</b>	<b>306.28</b>	<b>306.94</b>	<b>0.66</b>	<b>38.7</b>	<b>1,286</b>	<b>64.4</b>	<b>1.87</b>
<b>MD1391</b>	<b>111.95</b>	<b>123.10</b>	<b>11.15</b>	<b>36.3</b>	<b>4,412</b>	<b>124.5</b>	<b>3.61</b>
<b>including</b>	<b>114.46</b>	<b>118.48</b>	<b>4.02</b>	<b>99.7</b>	<b>11,504</b>	<b>329.8</b>	<b>9.56</b>
<b>including</b>	<b>115.85</b>	<b>116.50</b>	<b>0.65</b>	<b>487.4</b>	<b>37,993</b>	<b>1,247.2</b>	<b>36.17</b>
MD1393A	172.00	173.40	1.40	5.1	594	16.9	0.49
<b>including</b>	<b>172.35</b>	<b>172.90</b>	<b>0.55</b>	<b>9.6</b>	<b>1,029</b>	<b>30.2</b>	<b>0.88</b>
<b>MD1394</b>	<b>82.70</b>	<b>87.30</b>	<b>4.60</b>	<b>7.2</b>	<b>1,627</b>	<b>39.7</b>	<b>1.15</b>
<b>including</b>	<b>83.20</b>	<b>84.30</b>	<b>1.10</b>	<b>22.4</b>	<b>4,506</b>	<b>112.5</b>	<b>3.26</b>
MD1397 <sup>#</sup>	350.00	352.36	2.36	1.4	179	5.0	0.15
and	363.00	366.00	3.00	2.7	326	9.2	0.27
<b>including</b>	<b>364.00</b>	<b>365.00</b>	<b>1.00</b>	<b>5.7</b>	<b>613</b>	<b>17.9</b>	<b>0.52</b>
MD1399	228.38	232.00	3.62	3.0	283	8.7	0.25
<b>including</b>	<b>231.20</b>	<b>231.50</b>	<b>0.30</b>	<b>10.7</b>	<b>854</b>	<b>27.8</b>	<b>0.81</b>
<b>MD1405</b>	<b>124.70</b>	<b>129.30</b>	<b>4.60</b>	<b>27.5</b>	<b>3,424</b>	<b>96.0</b>	<b>2.78</b>
<b>including</b>	<b>126.50</b>	<b>127.30</b>	<b>0.80</b>	<b>128.5</b>	<b>12,199</b>	<b>372.5</b>	<b>10.80</b>
<b>MD1408</b>	<b>140.00</b>	<b>140.90</b>	<b>0.90</b>	<b>8.8</b>	<b>1,369</b>	<b>36.2</b>	<b>1.05</b>
<b>MD1411</b>	<b>177.55</b>	<b>181.10</b>	<b>3.55</b>	<b>32.8</b>	<b>2,819</b>	<b>89.2</b>	<b>2.59</b>
<b>including</b>	<b>178.85</b>	<b>181.10</b>	<b>2.25</b>	<b>50.6</b>	<b>4,274</b>	<b>136.1</b>	<b>3.95</b>
<b>including</b>	<b>178.85</b>	<b>179.17</b>	<b>0.32</b>	<b>136.2</b>	<b>10,792</b>	<b>352.0</b>	<b>10.21</b>
<b>MD1414</b>	<b>243.40</b>	<b>243.90</b>	<b>0.50</b>	<b>19.9</b>	<b>1,395</b>	<b>47.8</b>	<b>1.39</b>
MD1416	239.67	242.15	2.48	4.3	369	11.6	0.34
<b>including</b>	<b>240.54</b>	<b>241.05</b>	<b>0.51</b>	<b>15.3</b>	<b>1,076</b>	<b>36.8</b>	<b>1.07</b>
MD1423A	153.82	155.92	2.10	1.4	175	4.9	0.14
including	153.82	154.20	0.38	4.0	451	13.1	0.38
<b>MD1429<sup>#</sup></b>	<b>195.30</b>	<b>197.77</b>	<b>2.47</b>	<b>44.9</b>	<b>2,951</b>	<b>103.9</b>	<b>3.01</b>
<b>including</b>	<b>196.64</b>	<b>197.30</b>	<b>0.66</b>	<b>158.1</b>	<b>9,601</b>	<b>350.2</b>	<b>10.16</b>
MD1433	514.00	523.00	9.00	1.3	261	6.5	0.19

Drill Hole	From (m)	To (m)	Width (m)	Gold (g/t)	Silver (g/t)	Gold Equivalents* (g/t)	Gold Equivalents* (oz/ton)
including	517.25	518.65	1.40	2.3	953	21.3	0.62
MD1445	173.30	177.40	4.10	6.3	545	17.2	0.50
including	173.30	174.15	0.85	17.1	1,732	51.7	1.50
MD1448	108.05	110.00	1.95	44.4	4,254	129.5	3.76
including	108.38	109.23	0.85	80.6	8,047	241.5	7.00

# Notes:

1. The intercepts in drill hole MD1397 represent footwall splays of the main mineralized structure. No significant results were reported for the main mineralized structure within this hole.
2. Stockwork styles of mineralization above a 1.0 g/t gold equivalent cut off immediately above the Zoe structure were intersected in drill holes MD1384A and MD1429 (4.12 and 6.50 m respectively). Additional drilling is required to determine the continuity of this style in these areas.

### Quality Control and Assurance

Drill widths presented in the table above are drill intersection widths and may not represent the true widths of mineralization.

Gold assay results presented above are preliminary with no cutting of high grades. All diamond drill core samples are split on regular metre intervals or on geological contacts and represent sawn half HQ-size core. Samples were prepared at the Acme Analytical Laboratories (“Acme Labs”) preparation facility on-site at Cerro Moro (managed and staffed by Acme Labs), and assayed by fire assay (50 gram charge) at the Acme Labs laboratory in Chile, an ISO-9001:2000 certified laboratory.

Check assaying of all samples assaying greater than 1.0 g/t gold is completed by Acme Labs. Samples returning greater than 10 g/t gold and/or greater than 100 g/t silver are assayed using gravimetric analyses. Standard and blank samples are used throughout the sample sequence as checks for the diamond drilling reported in this release.

Assaying by the screen fire assay method has been implemented in conjunction with standard 50 gram fire assaying, for diamond drill cores that contain visible gold. The procedure for screen fire assaying involves crushing and sieving of a nominal 500 or 1,000 gram sample to a particle size of 100 microns. All material which does not pass through the 100 micron sieve is then assayed. Two fire assays are undertaken on the undersize material as a check on homogeneity. The total gold content is then calculated.

Matthew Williams, Extorre’s Exploration Manager and a “qualified person” within the definition of that term in National Instrument (“NI”) 43-101, Standards of Disclosure for Mineral Projects, has supervised the preparation of the technical information contained in this news release.

### About Extorre

Extorre is a Canadian public company listed on the Toronto and NYSE Amex Exchanges (symbol XG). The assets of the Company comprise CDN \$28 million in cash, the Cerro Moro, Puntudo and Don Sixto projects, and other mineral exploration properties in Argentina.

On August 4, 2011 Extorre announced the results of the second Preliminary Economic Assessment (“PEA-2”) for a potential mine development at Cerro Moro. The study was based on the interim (April, 2011) NI 43-101 compliant mineral resource estimate which did not include any resources from the Zoe discovery, as it was still being drilled at that time. In PEA-2 production was based on an 8.25 year, 1,000 tonnes per day mining and processing operation producing a total of 494,700 ounces of gold and 26.6 million ounces of silver. The proposed mine would produce an average of 206,300 ounces gold equivalent\* per year for the first 3 years at a cash cost of US \$236/ounce gold equivalent\*.

[Click here for a link to the National Instrument 43-101 compliant report.](#)

It should be noted that the Cerro Moro PEA-2 is by definition preliminary in nature as it includes some mineral resources that are too speculative geologically to have the economic considerations applied to them

that would enable them to be categorized as reserves at this time. As such there is no certainty that the preliminary assessment and project economics will be realized. A NI 43-101 Technical Report for the Cerro Moro PEA-2 has been filed on SEDAR ([www.sedar.com](http://www.sedar.com)) and is posted on the Company's website at [www.extorre.com](http://www.extorre.com).

### **Updated PEA**

On November 3, 2011 the Company issued an updated resource statement that will lead to a revised economic assessment and a revision to the Environmental Impact Assessment approval received on May 17, 2011. A new Preliminary Economic Assessment ("PEA-3") for the potential development of a mine at Cerro Moro is scheduled to be issued in Q1-2012 and is expected to provide the Board with sufficient confidence to make a financing and mine development decision. A mine development decision based on a PEA rather than a bankable feasibility study carries additional potential risks which include, but are not limited to, the inclusion of inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized; mine design and mining schedules, metallurgical flow sheets and process plant designs which may require additional detailed work to ensure satisfactory operational conditions and the inability to acquire adequate finance due to requirements of bankers. Other risks may include, but not limited to, availability of power and water and political risks. (Additional risk factors are noted below). Some of the risks noted above may be mitigated by technical studies undertaken solely on the Indicated category resources that will be included in the PEA-3 mine plans and that will be completed to at least Pre-Feasibility level and will have sufficient capital (CAPEX) and operating (OPEX) cost data to demonstrate economic viability.

You are invited to visit the Extorre web site at [www.extorre.com](http://www.extorre.com).

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