| | Amortization period | 2015 | 2014 | 2013 |
|---------------------------------------|---------------------|---------------|---------------|---------------|
| Exploration expenses | | \$ 877,783 | \$ 756,385 | \$ 480,504 |
| Insurance and surety | (a) | 354,621 | 267,972 | 237,591 |
| Collaborative commissioning agreement | | 159,604 | - | - |
| Guarantee deposits | | 47,325 | 55,425 | 131,106 |
| Installation costs | | 85,495 | 38,427 | 10,886 |
| Prepaid expenses | | 12,113 | 12,113 | 12,113 |
| Others | | 45,176 | 64,252 | 71,416 |
| | | 1,582,117 | 1,194,574 | 943,616 |
| Accumulated amortization | | (375,834) | (321,700) | (237,202) |
| Impairment | | (534,076) | - | _ |
| | | \$ 672,207 | \$ 872,874 | \$ 706,414 |

(a) CICSA's insurance and surety have a life according to the contracted projects, which on average have a maturity between 2 and 3 years.

| | | Exploration expenses | 3 | | nstallation costs | (| Prepaid expenses | Others | | Total | | | | | | |
|----------------------------------|----|----------------------|----|-----------|----------------------|---------|---------------------|----------|----|----------|----|-----------|----|----------|----|-----------|
| Investment: | | | | | | | | | | | | | | | | |
| Balance at the beginning of 2013 | \$ | 247,699 | \$ | 236,241 | \$ | - | \$ | 130,926 | \$ | 23,233 | \$ | 192,905 | \$ | 68,442 | \$ | 899,446 |
| Acquisitions | | 238,888 | | - | | - | | 788 | | - | | - | | 4,323 | | 243,999 |
| Translation effect | | (6,083) | | - | | - | | - | | - | | - | | - | | (6,083) |
| Applications / Recoveries | | _ | | 1,350 | | _ | | (608) | | (12,347) | | (180,792) | | (1,349) | | (193,746) |
| Balance as of December 31, 2013 | | 480,504 | | 237,591 | | - | | 131,106 | | 10,886 | | 12,113 | | 71,416 | | 943,616 |
| Acquisitions | | 251,156 | | _ | | _ | | _ | | 27,541 | | - | | 9,618 | | 288,315 |
| Translation effect | | 24,725 | | - | | - | | - | | - | | - | | - | | 24,725 |
| Applications / Recoveries | | - | | 30,381 | | - | | (75,681) | | _ | | - | | (16,782) | | (62,082) |
| Balance as of December 31, 2014 | | 756,385 | | 267,972 | | - | | 55,425 | | 38,427 | | 12,113 | | 64,252 | | 1,194,574 |
| Acquisitions | | 53,162 | | 86,649 | | 159,604 | | 17,024 | | 47,068 | | _ | | 432 | | 363,939 |
| Translation effect | | 68,250 | | | | _ | | _ | | _ | | _ | | _ | | 68,250 |
| Applications / Recoveries | | (14) | | _ | | - | | (25,124) | | _ | | _ | | (19,508) | | (44,646) |
| Balance as of December 31, 2015 | \$ | 877,783 | \$ | 354,621 | \$ | 159,604 | \$ | 47,325 | \$ | 85,495 | \$ | 12,113 | \$ | 45,176 | \$ | 1,582,117 |
| Accumulated amortization | | | | | | | | | | | | | | | | |
| Balance at the beginning of 2013 | \$ | _ | \$ | (129.154) | \$ | _ | \$ | _ | \$ | (13.111) | \$ | _ | \$ | (30,845) | \$ | (173,110) |
| Derecognition | | _ | · | - | · | _ | · | _ | · | 13,111 | | _ | · | 7.072 | · | 20,183 |
| Amortization | | _ | | (73,706) | | _ | | _ | | (5,984) | | (2,850) | | (1,735) | | (84,275) |
| Balance as of December 31, 2013 | | _ | | (202,860) | | _ | | _ | | (5,984) | | (2,850) | | (25,508) | | (237,202) |
| Amortization | | (13,645) | | (57,367) | | _ | | _ | | (9,725) | | (2,850) | | (911) | | (84,498) |
| Balance as of December 31, 2014 | | (13,645) | | (260,227) | | - | | _ | | (15,709) | | (5,700) | | (26,419) | | (321,700) |
| Derecognition | | (5,513) | | - | | _ | | - | | _ | | _ | | 6,266 | | 753 |
| Amortization | | (1,220) | | (45,126) | | _ | | - | | (3,713) | | (2,851) | | (1,977) | | (54,887) |
| Balance as of December 31, 2015 | \$ | (20,378) | \$ | (305,353) | \$ | - | \$ | - | \$ | (19,422) | \$ | (8,551) | \$ | (22,130) | \$ | (375,834) |
| Impairment: | | | | | | | | | | | | | | | | |
| Balance at the beginning of 2014 | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ | \$ | _ |
| Impairment | • | (534,076) | | _ | | _ | | _ | • | _ | | _ | | _ | • | (534,076) |
| Balance as of December 31, 2015 | \$ | (534,076) | \$ | _ | \$ | - | \$ | _ | \$ | _ | \$ | _ | \$ | - | \$ | (534,076) |

The amortization recorded in income was \$54,903, \$84,498 and \$84,275 in 2015, 2014 and 2013, respectively, of which \$48,339, \$71,924 and \$75,441 is recognized as part of cost of sales, respectively.