V9 Cost Analysis - Shire of S J (Assuming that the entire resource is mined over 12 years) UPDATED 11 March 2024

| Gravel requirements/extraction | Comments | Working Column | | Year 0 | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | Sum |
|---|---|-------------------------------|------------------|--------------|---------------|----------------|-------------------|-------------------|-------------------|-------------------|---------------|-------------------|-------------------|-------------------|----------------|---------------|---------------|
| Estimated extraction requirement | tonne/yr. | | | | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 900,000 |
| Scrivener Rd | | | | | | | | | | | | | | | | | |
| Cost to Shire of extraction only | | Inflated at 3%pa | | | | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | |
| Cost (ex pit) | Based on a Contractor doing extraction to stockpile (\$11/t) | \$ 16.00 | | | \$ 16.00 | 16.48 \$ | 16.97 \$ | 17.48 \$ | 18.01 \$ | 18.55 \$ | 19.10 \$ | 19.68 \$ | 20.27 \$ | 20.88 \$ | 21.50 | \$ 22.15 | |
| Total cont | * horas | | | | ć 1300.000 | 1 226 000 6 | 1 272 000 - 6 | 1 211 272 . 6 | 1 250 511 . 6 | 1 201 120 . Ć | 1 422 052 - 6 | 1 475 040 . Ć | 1 520 424 . 6 | 1 505 720 . 6 | 1.612.700 | t 1 cc1 001 | 17 020 425 |
| Total cost Gravel Pit Capital Costs | \$/year These are estimates and need to be confirmed by Shire | | | | \$ 1,200,000 | 1,236,000 \$ | 1,2/3,080 \$ | 1,311,272 \$ | 1,350,611 \$ | 1,391,129 \$ | 1,432,863 \$ | 1,4/5,849 \$ | 1,520,124 \$ | 1,565,728 \$ | 1,612,700 | 5 1,661,081 | 17,030,435 |
| Road Upgrade | estimated once off cost of \$100k/km (Scrivener Rd 4.2km x 6mts wide) | | I | \$ 2,520,000 | | | | | | | | | | | | | \$ 2,520,000 |
| Plant equipment | estimated once off cost of \$100k (e.g. Loader and Trucks) | | | \$ 100,000 | | | | | | | | | | | | | \$ 100,000 |
| Infrastructure | estimated once off cost of \$25k (detention ponds, fencing etc) | | | \$ 25,000 | | | | | | | | | | | | | \$ 25,000 |
| Vehicle Washdown Station | For the management of dieback and weeds | | ' | \$ 400,000 | | | | | | | | | | | | | \$ 400,000 |
| Shire Overhead | 30% | | | \$ 913,500 | | | | | | | | | | | | | \$ 913,500 |
| Total Cost | Total cost \$ | | | \$ 3,958,500 | | | | | | | | | | | | | \$ 3,958,500 |
| 0. 1000 | | 1.51 | | | | 1.00 | 4.00 | 4.00 | 4.02 | 4.02 | 1.02 | 4.02 | 4.02 | 4.02 | 1.00 | 1.02 | |
| Gravel Pit Operating Costs Road Maintenance | Annual maint (1000m by 6m @ \$6.50/t plant cost plus gravel | Inflated at 3%pa \$ 37,463 | | | \$ 37,463 | 1.03 | 1.03 39,744 \$ | 1.03 40,936 \$ | 1.03 42,164 \$ | 1.03 43,429 \$ | 1.03 | 1.03 46,074 \$ | 1.03 47,456 \$ | 1.03 48,880 \$ | 1.03 50,346 | 1.03 | \$ 531,669 |
| Mining operating expenses | covered in item D8 | \$ 37,403 | | | 3 37,403 , | 30,300 3 | 35,744 3 | 40,530 \$ | 42,104 | 43,429 | 44,732 3 | 40,074 | 47,430 3 | 40,000 | 30,340 | 5 31,637 | \$ 331,009 |
| Rehabilitation costs | Based on \$45,000/ha per annum including landscaping, top soil, planting | \$ 45,000 | | | \$ 45,000 \$ | 46,350 \$ | 47,741 \$ | 49,173 \$ | 50,648 \$ | 52,167 \$ | 53,732 \$ | 55,344 \$ | 57,005 \$ | 58,715 \$ | 60,476 | 62,291 | \$ 638,641 |
| Final Rehabilitation of the site | Once stockpiles removed 4 ha to be revegetated At \$45,000/ha | \$180,000 | | | | | , . | , . | | , , , , | | | ,,,,,,, | | | , | \$ 180,000 |
| Company the state of the state | | | | | 45.557.00 | 4746704 6 | 47.002.00 | 40.242.40 | 40.750.00 6 | 40 224 52 . 6 | 10 001 27 6 | 20 400 24 . 6 | 24.442.25 | 24 746 65 6 | 22 200 05 | | |
| Security / Unauthorised access | fencing / fence repairs, removal of rubbish dumping, repair to rehabilitation areas | \$236,539 | | | \$ 16,667.00 | 5 1/,16/.01 \$ | 17,682.02 \$ | 18,212.48 \$ | 18,/58.86 \$ | 19,321.62 \$ | 19,901.27 \$ | 20,498.31 \$ | 21,113.26 \$ | 21,746.65 \$ | 22,399.05 | \$ 23,0/1.03 | \$ 236,539 |
| Dieback Management Plan | mapping, treatment, other, \$1 per tonne, inflation added | | | | \$ 75,000.00 | 77,250.00 \$ | 79,567.50 \$ | 81,954.53 \$ | 84,413.16 \$ | 86,945.56 \$ | 89,553.92 \$ | 92,240.54 \$ | 95,007.76 \$ | 97,857.99 \$ | 100,793.73 | \$ 103,817.54 | \$ 1,064,402 |
| | | | | | | | | | | | | | | | | | |
| Operational monitoring as per OEMP | Ongoing Noise and Dust monitoring | | | | \$ 6,250 | 6,438 \$ | 6,631 \$ | 6,830 \$ | 7,034 \$ | 7,245 \$ | 7,463 \$ | 7,687 \$ | 7,917 \$ | 8,155 \$ | 8,399 | 8,651 | \$ 88,700 |
| | | | | | | | | | | 4 | | | | | | | |
| Pre-clearing Fauna survey and trapping | Cockatoo's, mammals, reptiles and relocation over 11 years | \$ 87,324 | | | \$ 6,818 | 7,023 \$ | 7,233 \$ | 7,450 \$ | 7,674 \$ | 7,904 \$ | 8,141 \$ | 8,385 \$ | 8,637 \$ | 8,896 \$ | 9,163 | | \$ 87,324 |
| Shire Overhead | 30% | | | | \$ 56,159 | 5 57,844 \$ | 59,579 \$ | 61,367 \$ | 63,208 \$ | 65,104 \$ | 67,057 \$ | 69,069 \$ | 71,141 \$ | 73,275 \$ | 75,473 | \$ 128,906 | \$ 792,023 |
| | | | | | | | | | | | | | | | | | |
| Total cost (include 30% Shire over head) | | | | | 243,357 | 250,657 | 258,177 | 265,922 | 273,900 | 282,117 | 290,581 | 299,298 | 308,277 | 317,525 | 327,051 | 558,594 | \$ 3,619,298 |
| Environmental Offset Costs | Based on 12 ha of clearing | Inflated at 3%pa | | | | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | |
| Rehabilitation of degraded forest | 120ha of degraded forest to be rehabilitated to good condition in 10yrs | 10ha/yr. x \$25,000/ha | | | \$ 250,000 \$ | 257,500 \$ | 265,225 \$ | 273,182 \$ | 281,377 \$ | 289,819 \$ | 298,513 \$ | 307,468 \$ | 316,693 \$ | 326,193 \$ | 335,979 | 346.058 | \$ 3,548,007 |
| nendamental of degraded forest | 120ha of degraded forest to be remaintance to good condition in 1945 | 1011a/ y1: x \$25,000/11a | | | 230,000 | 257,500 \$ | 203,223 | 275,102 V | 202,077 | 203,013 | 250,515 ¥ | 307,100 Q | 510,035 ¥ | 520,235 | 333,373 | 3 10,030 | \$ 3,3 10,007 |
| | | | | | | | | | | | | | | | | | |
| Unauthorised entry and dumping | Fencing, ongoing fencing repairs and security of rehabilitated areas | \$236,539 | | | \$ 16,667 | 17,167 \$ | 17,682 \$ | 18,212 \$ | 18,759 \$ | 19,322 \$ | 19,901 \$ | 20,498 \$ | 21,113 \$ | 21,747 \$ | 22,399 | \$ 23,071 | \$ 236,539 |
| | | | | | | | | | | | | | | | | | |
| 10 Artificial Cockatoo Hollows | Situated in surrounding Areas (@\$650 each) | \$6,500 | | | \$ 1,300 | \$ | 1,300 | \$ | 1,300 | \$ | 1,300 | \$ | 1,300 | | | | \$ 6,500 |
| | Fencing, weeds, cockatoo hollows, monitoring progress towards rehabilitation | | | | | | | | | | | | | | | | |
| Monitoring and compliance costs | completion criteria, annual reporting | \$141,920 | | | \$ 10,000 | 10,300 \$ | 10,609 \$ | 10,927 \$ | 11,255 \$ | 11,593 \$ | 11,941 \$ | 12,299 \$ | 12,668 \$ | 13,048 \$ | 13,439 | \$ 13,842 | \$ 141,920 |
| Total cost | \$/yr. | | \$ - | | \$ 277,967 | 284,967 \$ | 294,816 \$ | 302,322 \$ | 312,691 \$ | 320,733 \$ | 331,655 \$ | 340,266 \$ | 351,773 \$ | 360,988 \$ | 371,817 | \$ 382,972 | \$ 3,932,966 |
| | | I | 1 | | | | | | | | | | | | | | |
| Environmental Approval costs | | Costs to Date | Additional Costs | Total Cost | | | | | | | | | | | | | |
| Aboriginal Heritage Survey (Mine Site) | Survey completed. Update required, include Scrivener Rd | | \$ 80,000 | \$ 80,000 | | | | | | | | | | | | | \$ 160,000 |
| Vegetation Survey | | | | ė . | | | | | | | | | | | | | \$ - |
| vegetation survey | | | | , | | | | | | | | | | | | | , - |
| Fauna Surveys and Management Plan | | | | \$ - | | | | | | | | | | | | | \$ - |
| Fauna and Vegetation Survey and Management | above two surveys are outdated and need to be redone | | \$ 90,000 | \$ 90,000 | | | | | | | | | | | | | \$ 80,000 |
| Plan | | | | | | | | | | | | | | | | | |
| Federal Referral | Federal referral has become more complex in the last few years / offset | | \$ 120,000 | | | | | | | | | | | | | | \$ 240,000 |
| ESD and PER consults and appeals | State approval cost | | \$ 100,000 | \$ 100,000 | | | | | | | | | | | | | \$ 200,000 |
| Operational Environmental Management Plan, (OEMP) including traffic, fire, risk assessments | expanded from 2019 to include, fire and risk assessment | | \$ 90,000 | \$ 90,000 | | | | | | | | | | | | | \$ 180,000 |
| Stakeholder Engagement | Response to concerns from all parties | | \$ 50,000 | \$ 50,000 | | | | | | | | | | | | | \$ 50,000 |
| | | | | • | | | | | | | | | | | | • | • |

| 1 | | | 1 | | | | | | | | | | | | | 1 | |
|---|--|----------------------------|--------------------------------|--------------------|--------------------------------|---------------|---------------|----------------|---------------|----------------|---------------------|---------------|----------------|--------------------------------|---------------------|----------------|---------------|
| Social Impact Assessment | Including noise and vibration modelling & monitoring, visual amenity, dust, tra | ffic | \$ 70,000 \$ | 70,000 | | | | | | | | | | | | | \$ 70,000 |
| | Anazoual Cost to date | 103.000 | | | | | | | | | | | | | | | |
| | Approval Cost to date ADDITIONAL Costs required | 102,000 | 600,000 | | | | | | | | | | | | | | |
| Approval Cost | Shire over head: 30% | | 553,555 | 180,000 | | | | | | | | | | | | | |
| | Total Approval Costs anticipated | | | 780,000 | | | | | | | | | | | | | \$ 780,000 |
| TOTAL COST - SCRIVENER ROAD | Total cost \$ excluding amounts paid already (include 30% Shire over h | <mark>ead)</mark> | \$ | 4,738,500 \$ | 1,721,324 \$ | 1,771,624 | \$ 1,826,073 | \$ 1,879,516 | \$ 1,937,202 | \$ 1,993,979 | \$ 2,055,098 | \$ 2,115,412 | \$ 2,180,175 | \$ 2,244,241 | \$ 2,311,568 | \$ 2,602,646 | 29,321,200 |
| Annual Shire Gravel Requirements | | | | | | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | |
| Allitual Silie Graver Requirements | tonnes | per tonne ex GST | | | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 120,00 |
| Cost to Shire from current sources | \$16 per tonne ex commercial pit (if collected by shire) | \$ 16 | | | 160,000 | 164,800 | 169,744 | 174,836 | 180,081 | 185,484 | 191,048 | 196,780 | 202,683 | 208,764 | 215,027 | 221,477 | 2,270,72 |
| | Cost of Transport and gravel using Shire trucks \$8 plus \$16 | \$ 24 | | | 240,000 | 247,200 | 254,616 | 262,254 | 270,122 | 278,226 | 286,573 | 295,170 | 304,025 | 313,146 | 322,540 | 332,216 | 3,406,08 |
| Contractor to Shire from commercial pit | Based on \$42/t including gravel cost from end 2023 invoice | \$ 42 | | | 420,000 | 432,600 | 445,578 | 458,945 | 472,714 | 486,895 | 501,502 | 516,547 | 532,043 | 548,005 | 564,445 | 581,378 | 5,960,65 |
| TOTAL COSTS - EXTERNAL SOURCES | \$/year | ! | \$ - | \$ | 420,000 \$ | 432,600 | \$ 445,578 | \$ 458,945 | \$ 472,714 | \$ 486,895 | \$ 501,502 | \$ 516,547 | \$ 532,043 | \$ 548,005 | \$ 564,445 | \$ 581,378 | \$ 5,960,652 |
| Income from Surplus Gravel | | | | 0 \$ | 1,300,000 \$ | 1,339,000 | \$ 1,379,170 | \$ 1,420,545 | \$ 1,463,161 | \$ 1,507,056 | \$ 1,552,268 | \$ 1,598,836 | \$ 1,646,801 | \$ 1,696,205 | \$ 1,747,091 | \$ 1,799,504 | \$18,449,638 |
| Financial Cost Benefit | | | \$ | (4,738,500) \$ | (1,324) \$ | (24) | \$ (1,325) | \$ (26) | \$ (1,327) | \$ (28) | \$ (1,328) | \$ (29) | \$ (1,330) | \$ (31) | \$ (32) | \$ (221,764) | (\$4,967,068) |
| FINIANICIAL CUMMAADV | | | | | Voca 1 | Voor 2 | V2 | Voca 4 | Voor F | Year C | V7 | Van 9 | V0 | V10 | V11 | V12 | Cum |
| FINANCIAL SUMMARY ASSUMPTIONS | | | | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | Sum |
| | Inflation rate p.a. | 3.00% | | Inflation Index | 1.00 | 1.0300 | 1.0609 | 1.0927 | 1.1255 | 1.1593 | 1.1941 | 1.2299 | 1.2668 | 1.3048 | 1.3439 | 1.3842 | |
| | Annual Shire Gravel Requirement - tonnes | 10,000 | | | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | |
| | Estimated Extraction Volume of own operation in tonnes | 75,000 | | | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | |
| | Cost of Outsourced Supplies - Base \$16.00 material \$26.00 delivery | \$42.00 | | | \$42.00 | \$43.26 | \$44.56 | \$45.89 | \$47.27 | \$48.69 | \$50.15 | \$51.65 | \$53.20 | \$54.80 | \$56.44 | \$58.14 | |
| | Cost of Own Production - per tonne excluding capital | \$27.38 A | vg over 12 years | | \$22.95 | \$23.62 | \$24.35 | \$25.06 | \$25.83 | \$26.59 | \$27.40 | \$28.21 | \$29.07 | \$29.92 | \$30.82 | \$34.70 | |
| | Cost to date value of Own Production - per tonne including capital | | t end of 12 years | | \$86.13 | \$54.88 | \$44.70 | \$39.79 | \$37.00 | \$35.26 | \$34.14 | \$33.40 | \$32.92 | \$32.62 | \$32.45 | \$32.64 | |
| | Value of Stock on Hand - per tonne | | Cost of Production including c | apital | \$86.13 | \$54.88 | \$44.70 | \$39.79 | \$37.00 | \$35.26 | \$34.14 | \$33.40 | \$32.92 | \$32.62 | \$32.45 | \$32.64 | |
| | Selling Price of Own Production - ex site. No delivery. | \$20.00 | | _ | \$20.00 | \$20.60 | \$21.22 | \$21.85 | \$22.51 | \$23.19 | \$23.88 | \$24.60 | \$25.34 | \$26.10 | \$26.88 | \$27.68 | |
| 1. CASH FLOW - BASED ON OUTSO | DURCING SUPPLIES DELIVERED TO SHIRE SITE | | | | | TH | ESE ANALYSES | SHOW TOTAL C | OST TO DATE F | OR EACH OPTIO | N, IN ORDER T | O ASSESS PEAK | COST OR INCOM | ME TO SHIRE. | | | |
| | Opening Balance - Accumulated Cost to Shire for Period to Date. | | \$ | - \$ | - \$ | 420,000 | \$ 852.600 | \$ 1.298.178 | \$ 1.757.123 | \$ 2.229.837 | \$ 2.716.732 | \$ 3.218.234 | \$ 3.734.781 | \$ 4,266,825 | \$ 4.814.829 | \$ 5.379.274 | |
| | Cost to Shire at a purchase price per tonne, escalated at inflation rate | \$ 42.00 | • | \$ | 420,000 \$ | 432,600 | | | | | | | | | | | |
| | Closing Balance - Accumulated Cost to Shire for Period to Date. | | \$ | - \$ | 420,000 \$ | 852,600 | \$ 1,298,178 | \$ 1,757,123 | \$ 2,229,837 | \$ 2,716,732 | \$ 3,218,234 | \$ 3,734,781 | \$ 4,266,825 | \$ 4,814,829 | \$ 5,379,274 | \$ 5,960,652 | \$ 5,960,652 |
| 2. CASH FLOW - BASED ON OWN F | PRODUCTION WITH NO SALES OF PRODUCT | | | | | | | | | | | | | | | | |
| | Opening Balance - Accumulated Cost to Shire for Period to Date. | | \$ | - \$ | 4,738,500 \$ | 6,459,824 | \$ 8,231,448 | \$ 10,057,521 | \$ 11,937,038 | \$ 13,874,240 | \$ 15,868,219 | \$ 17,923,317 | \$ 20,038,729 | \$ 22,218,904 | \$ 24,463,145 | \$ 26,774,713 | |
| | Gravel Pit Extraction Cost to Shire - escalated at inflation rate | | | \$ | 1,200,000 \$ | 1,236,000 | \$ 1,273,080 | \$ 1,311,272 | \$ 1,350,611 | \$ 1,391,129 | \$ 1,432,863 | \$ 1,475,849 | \$ 1,520,124 | \$ 1,565,728 | \$ 1,612,700 | 7 1,001,001 | \$ 17,030,435 |
| | Gravel Pit Capital Costs | | \$ | 3,958,500 | 242 256 75 . 6 | 250 657 45 | ^ 250 477 40 | ć 205.022.40 | ć 272.000.47 | ć 202.447.47 | . 200 F00 60 | ć 200 200 44 | ć 200 277 0F | ć 247.525.26 | . 227.054.42 | | \$ 3,958,500 |
| | Gravel Pit Operating Costs Environmental Offset Costs | Annual Cost of Production | on \$ | - \$ | 243,356.75 \$ 277,967.00 \$ | | | | | | | | | \$ 317,525.36 \$ 360,987.68 | | | |
| | Environmental Approval costs - Total including costs to date | | \$ | 780,000 | 277,507.00 \$ | 204,307.01 | 254,010.02 | 302,321.30 | J 312,031.13 | Ç 320,732.00 . | 9 331,034.07 | 3 340,203.31 | J JJ1,773.40 | 300,387.00 | Ç 3/1,61/.31 | , 302,371.03 | \$ 780,000 |
| | Closing Balance - Accumulated Cost to Shire for Period to Date. | | \$ | 4,738,500 \$ | 6,459,824 \$ | 8,231,448 | \$ 10,057,521 | \$ 11,937,038 | \$ 13,874,240 | \$ 15,868,219 | \$ 17,923,317 | \$ 20,038,729 | \$ 22,218,904 | \$ 24,463,145 | \$ 26,774,713 | \$ 29,377,359 | |
| | | Cost/tonne excluding Capit | al Cost Amortisation | | \$22.95 | \$23.62 | \$24.35 | \$25.06 | \$25.83 | \$26.59 | \$27.40 | \$28.21 | \$29.07 | \$29.92 | \$30.82 | \$34.70 | \$27.38 |
| | | Cost/tonne including Capit | al Cost Amortisation | | \$28.22 | \$28.89 | \$29.61 | \$30.33 | \$31.09 | \$31.85 | \$32.67 | \$33.47 | \$34.33 | \$35.19 | \$36.09 | \$39.97 | \$32.64 |
| | Less: Stock on Hand in tonnes | | | | 65,000 | 130,000 | 195,000 | 260,000 | 325,000 | 390,000 | 455,000 | 520,000 | 585,000 | 650,000 | 715,000 | 780,000 | |
| | Applied Cost/tonne | | | | \$86.13 | \$54.88 | \$44.70 | \$39.79 | \$37.00 | \$35.26 | \$34.14 | \$33.40 | \$32.92 | \$32.62 | \$32.45 | \$32.64 | |
| | Stock on Hand in \$, escalated at inflation rate | | | 4 | (\$5,598,514) | (\$7,133,922) | (\$8,716,519) | (\$10,345,433) | | | | | (\$19,256,383) | (\$21,201,392) | (\$23,204,751) | (\$25,460,378) | . |
| | Net Accumualted Cost to Shire for Period to Date | | _ | \$4,738,500 | \$861,310 | \$1,097,526 | \$1,341,003 | \$1,591,605 | \$1,849,899 | \$2,115,762 | \$2,389,776 | \$2,671,831 | \$2,962,521 | \$3,261,753 | \$3,569,962 | \$3,916,981 | \$3,916,981 |
| 3. CASH FLOW - BASED ON OWN F | PRODUCTION WITH USER VARIABLE SALES OF PRODUCT | | | | | | | | | | | | | | | | |
| | Opening Balance - Accumulated Cost to Shire for Period to Date. | | | \$0 | \$4,738,500 | \$6,459,824 | \$8,231,448 | \$10,057,521 | \$11,937,038 | \$13,874,240 | \$15,868,219 | \$17,923,317 | \$20,038,729 | \$22,218,904 | \$24,463,145 | \$26,774,713 | ė 47.000 ··· |
| | Gravel Pit Extraction Cost to Shire - escalated at inflation rate Gravel Pit Capital Costs | | | \$0 | \$1,200,000 | \$1,236,000 | \$1,273,080 | \$1,311,272 | \$1,350,611 | \$1,391,129 | \$1,432,863 | \$1,475,849 | \$1,520,124 | \$1,565,728 | \$1,612,700 | \$1,661,081 | > 17,030,435 |
| | Gravel Pit Capital Costs Gravel Pit Operating Costs | | | \$3,958,500 \$0 | \$243,357 | \$250,657 | \$258,177 | \$265,922 | \$273,900 | \$282,117 | \$290,581 | \$299,298 | \$308,277 | \$317,525 | \$327,051 | \$558,594 | \$ 3,675,457 |
| | | | | | | | | | | | | | | | | | |

| Environmental Offset Costs | | \$0 | \$277,967 | \$284,967 | \$294,816 | \$302,322 | \$312,691 | \$320,733 | \$331,655 | \$340,266 | \$351,773 | \$360,988 | \$371,817 | \$382,972 | |
|---|----------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| Environmental Approval costs | | \$780,000 | | | | | | | | | | | | | |
| Closing Balance - Accumulated Cost to Shire for Period to Date. | | \$4,738,500 | \$6,459,824 | \$8,231,448 | \$10,057,521 | \$11,937,038 | \$13,874,240 | \$15,868,219 | \$17,923,317 | \$20,038,729 | \$22,218,904 | \$24,463,145 | \$26,774,713 | \$29,377,359 | \$ 29,377,359 |
| | | | | | | | | | | | | | | | |
| Less: Gravel Sales in tonnes | | | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | |
| Sales Price per tonne - escalated at inflation rate | \$ 20.00 | | \$20.00 | \$20.60 | \$21.22 | \$21.85 | \$22.51 | \$23.19 | \$23.88 | \$24.60 | \$25.34 | \$26.10 | \$26.88 | \$27.68 | |
| Shire Admin costs (10%) | 10% | | \$130,000 | \$133,900 | \$137,917 | \$142,055 | \$146,316 | \$150,706 | \$155,227 | \$159,884 | \$164,680 | \$169,621 | \$174,709 | \$179,950 | |
| Gross Income from Sales (excluding GST) | | | (\$1,170,000) | (\$1,205,100) | (\$1,241,253) | (\$1,278,491) | (\$1,316,845) | (\$1,356,351) | (\$1,397,041) | (\$1,438,952) | (\$1,482,121) | (\$1,526,585) | (\$1,572,382) | (\$1,619,554) | \$ (16,604,675) |
| Less: Stock on Hand in tonnes | | | - | - | - | - | - | - | - | - | - | - | - | - [| - |
| Stock on Hand in \$, escalated at inflation rate | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Net Accumualted Cost/(Income) to Shire for the Year - only | | \$4,738,500 | \$551,324 | \$566,524 | \$584,820 | \$601,026 | \$620,357 | \$637,628 | \$658,057 | \$676,460 | \$698,054 | \$717,656 | \$739,186 | \$983,092 | |
| Net Accumualted Cost/(Income) to Shire for the Period to Date | | \$4,738,500 | \$5,289,824 | \$5,856,348 | \$6,441,168 | \$7,042,194 | \$7,662,551 | \$8,300,179 | \$8,958,236 | \$9,634,696 | \$10,332,750 | \$11,050,406 | \$11,789,592 | \$12,772,684 | \$12,772,684 |

| SUMMARY OF PERMUTATIONS ELECT | TED ABOVE Stock in Tonnes | Stock in Tonnes | | | | | | |
|-------------------------------|--|-----------------|----------|---------|--|--|--|--|
| 1 | The 12 year cost of outsourced product - delivered where required. | \$5,960,652 | \$49.67 | 120.000 | Average cost of production over 12 years | | | |
| | | | | | | | | |
| 2 | The 12 year cost of own production including capital | \$29,377,359 | \$32.64 | 900,000 | Average cost of production over 12 years | | | |
| | Less: Sales to Customers | (\$16,604,675) | \$21.29 | 780,000 | Average selling price over 12 years. | | | |
| | Less: Stock on Hand after 12 years - | \$0 | #DIV/0! | | Stock on hand valued at avg cost of prod. at end of 12 years | | | |
| | NET COST OF OWN PRODUCTION ex gravel pit site | \$12,772,684 | \$106.44 | 120,000 | Average cost/tonne after 12 years | | | |
| | | | | | | | | |
| | FINANCIAL COST BENEFIT/(LOSS) | (\$6,812,032) | | | | | | |