

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
7UP-W4	0.12	0.21	0.51	2.67		1 : 1	-43.53		74.81	605.92	4.25	08-Aug-22	Last Trading of June
AKR-W1	0.11	0.01	0.64	1.47	1.00	1 : 1	N/A	73.44	26.52	671.57	5.82	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.26	0.04	1.78	1.03	3.00	1 : 1	571.59	83.15	39.66	230.98	6.85	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.01	0.12	1.56	0.40	1 : 1	75.32	250.00	81.89	499.97	6.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.09	0.33	0.73	1.49		1 : 1	-72.88		50.07	95.83	8.11	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.15	0.05	1.31	0.43	2.00	1 : 1	184.32	64.12	66.98	102.47	8.73	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	1.78	2.26	39.25	0.41	39.00	1 : 1	-21.37	3.90	24.30	78.56	22.05	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.2	0.49	7.36	1 : 0.204	N/A	730.83	61.54	1,756.00	4.08	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.12	0	2.66	2.98	3.97	1 : 1.00731	N/A	54.19	12.56	358.73	22.33	30-Nov-22	Last trading day of Nov
BM-W1	0.11	0	1.95	0.68	4.00	1 : 1	N/A	110.77	34.97	110.00	17.73	14-Aug-20	16 Aug 2020
BROOK-W5	0.18	0.11	0.44	2.45	0.25	1 : 1	57.96	-2.27	37.55	1,407.38	2.44	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.22	1.05	4.99	1 : 0.12024	N/A	261.25	87.58	3,437.23	2.65	28-Dec-20	30 of Nov
B-W4	0.04	0.02	0.22	1.56	0.92	1 : 1.3087	83.89	440.20	87.58	96.85	7.20	01-Jul-21	Last trading day of June, Dec
B-W5	0.04	0.05	0.22	1.27	0.35	1 : 1	-11.39	77.27	87.58	290.56	5.50	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.11	0	0.89	1.55	2.75	1 : 1	N/A	221.35	19.88	1,652.87	8.09	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.03	0	0.81	1.47	2.00	1 : 1	N/A	150.62	30.39	1,445.62	27.00	28-May-21	Last trading day of May, Nov
CHO-W2	0.09	0.03	0.72	1.06	0.86	1 : 1	188.77	31.94	29.19	649.42	8.00	30-Dec-20	Last trading day of June, Dec
CI-W1	0.05	0	0.83	0.47	2.16	1 : 1.0172	N/A	169.47	26.38	98.86	16.89	29-May-20	Last trading day of May, Nov
CKP-W1	0.37	0.11	4.92	0.47	6.00	1 : 1.0007	223.26	29.49	32.07	1,111.15	13.31	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.77	0.02	1.8	0.56	3.00	1 : 1	3195.86	109.44	45.70	60.63	2.34	02-Jul-20	15th of Jan, Jul
DCC-W1	0.60	0.49	1.86	1.41	1.15	1 : 1	22.96	-5.91	16.98	1,907.75	3.10	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.61	0.46	7.5	1.58	15.75	1 : 1	33.13	118.13	63.38	182.22	12.30	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.80	0	2.14	1.20	5.00	1 : 1.0008	N/A	170.97	24.78	129.95	2.68	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.28	0.02	1.18	1.16	1.85	1 : 1	1353.35	80.51	33.25	554.43	4.21	05-Feb-21	Last Business Day of every six months from the is
EFORL-W3	0.01	0	0.04	0.48	0.60	1 : 1	N/A	1425.00	214.17	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year

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	Market	Black Scholes											
EFORL-W4	0.01	0	0.04	0.48	0.50	1 : 1	N/A	1175.00	214.17	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0	0.04	0.60	1.00	1 : 2.32054	N/A	5627.31	247.49	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.05	0.04	1.52	1.00	1 : 2.32054	-57.62	5685.32	247.49	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.07	0.04	0.13	3.85	0.15	1 : 1	69.33	69.23	66.50	4,216.75	1.86	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.61	0.17	3.68	1.02	4.83	1 : 1.0361	263.98	49.44	35.87	85.54	6.25	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.11	0	0.39	0.55	0.96	1 : 1.04545	N/A	181.48	51.26	138.79	3.71	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.13	0.16	0.17	1 : 0.5	N/A	18.00	87.40	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.25	0.22	0.74	2.12	0.50	1 : 1	15.38	1.35	35.74	749.60	2.96	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.23	0.15	0.61	1.49	0.50	1 : 1	56.57	19.67	37.43	110.50	2.65	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.36	0.03	2.76	1.45	5.00	1 : 1	1121.85	94.20	31.38	249.99	7.67	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.65	1.79	5.3	0.57	3.61	1 : 1.192	-7.74	-1.01	68.35	1,294.92	3.83	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.13	0	1.11	0.56	3.50	1 : 1	N/A	227.03	67.60	241.12	8.54	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.72	0	4.82	0.42	15.00	1 : 1	N/A	226.14	46.14	108.00	6.69	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.22	3.37	20.4	1.72	18.62	1 : 1.02031	25.16	12.21	34.56	222.00	4.93	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.33	0.01	0.87	2.50	2.00	1 : 1	N/A	167.82	26.80	156.48	2.64	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.90	0.18	4.58	2.38	4.00	2 : 1	401.1	6.99	30.72	157.10	5.09	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.19	0.03	1.38	1.72	2.10	1 : 1	487.67	65.94	29.26	1,375.54	7.26	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.11	0.03	1.35	0.97	3.50	1 : 1	313.68	167.41	58.74	91.07	12.27	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	SP	N/A	0.78	0.03	2.73	1 : 1.099	N/A	276.44	40.04	625.70	85.72	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.03	0.02	0.78	2.59	2.00	1 : 1.099	45.58	176.54	40.04	405.44	28.57	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.78	0.59	1.75	1 : 1.03	N/A	129.15	40.04	905.04	80.34	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.32	3.32	37.5	1.81	43.00	1 : 1	0.09	23.52	25.35	230.85	11.30	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.51	0.02	1 : 1	N/A	160.00	372.65	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.93	0.14	2.06	2.01	6.48	1 : 1.00255	571.22	260.54	64.05	108.78	2.22	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.07	N/A	2	0.47	3.19	1 : 1.5695	N/A	98.54	25.14	127.75	44.84	29-May-20	Last trading day of Mar, June, Sept, Dec

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NUSA-W3	0.03	0	0.32	0.19	1.00	1 : 1	N/A	221.88	40.75	693.94	10.67	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.12	0	1.94	1.60	7.86	1 : 1.018	N/A	316.94	30.40	276.12	16.46	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.48	0.24	1.22	2.18	1.00	1 : 1	103.13	21.31	28.12	603.22	2.54	13-Feb-22	13 Feb 2022
ORI-W1	0.58	0.04	7	0.81	13.33	1 : 1	1376.79	98.76	40.89	609.86	12.07	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.01	0.03	0.07	3.21	2.00	1 : 1	-63.85	2771.43	157.21	2,460.22	7.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.07	0.04	0.07	2.72	0.25	1 : 1	61.26	357.14	157.21	1,167.36	1.00	29-Aug-22	29 Nov 19
PDI-W1	0.50	0	7	1.43	33.00	1 : 1	N/A	378.57	26.22	75.33	14.00	14-May-21	15 May, 15 Nov
PDJ-W3	0.57	0.56	1.59	0.16	1.00	1 : 1	1.11	-1.26	23.72	25.59	2.79	07-Feb-20	7 Feb 20
PDJ-W4	0.55	0.57	1.59	1.17	1.00	1 : 1	-2.68	-2.52	23.72	51.19	2.89	07-Feb-21	7 Feb 21
PERM-W1	0.17	0.07	0.78	2.52	1.80	1 : 1	151.46	152.56	53.13	250.00	4.59	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.90	0.16	2.12	2.47	5.91	1 : 1.09999	460.58	243.30	56.98	46.00	2.59	27-May-22	Last trading day of June, Dec
PPPM-W4	0.20	0.38	0.6	4.65	1.00	1 : 1	-47.49	100.00	141.15	228.83	3.00	31-Jul-24	Last trading day of Oct
PRIME-W1	0.02	N/A	0.36	1.04	1.08	1 : 1.3946	N/A	284.81	62.91	347.00	25.10	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.36	1.04	1.53	1 : 1.3095	N/A	431.88	62.91	261.75	23.57	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.27	0.16	1.48	0.58	1.53	1 : 1.174	71.7	25.62	40.74	31.68	6.44	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.04	N/A	0.88	0.56	2.25	1 : 1.22449	N/A	195.64	19.31	157.08	26.94	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	1.82	1.2	13	0.45	12.44	1 : 1.0047	51.27	9.75	34.97	187.52	7.18	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.56	0.05	6.85	1.44	14.80	1 : 1.014	1136.27	125.97	34.94	335.43	12.40	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.11	0.02	0.88	0.89	1.00	1 : 1	473.4	26.14	20.59	93.41	8.00	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	17.70	17.99	62.5	0.51	48.48	1 : 1.237	-1.62	7.28	31.55	39.95	4.37	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.11	0.02	0.2	3.48	0.50	1 : 1	373.33	205.00	49.35	1,731.04	1.82	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.22	N/A	1.78	0.44	13.32	1 : 1.1261	N/A	743.99	25.26	37.81	9.11	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.26	N/A	1.78	5.45	26.64	1 : 1.1261	N/A	1589.20	25.26	37.81	7.71	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.75	0.77	1.78	1.58	1.00	1 : 1	-2.08	-1.69	25.26	43.69	2.37	08-Jul-21	9 Jul 2021
SINGER-W1	1.74	0.69	5.5	1.37	7.00	1 : 1	153.62	58.91	47.27	65.75	3.16	23-Apr-21	Last trading day of Mar, June, Sept, Dec

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SINGER-W2	1.36	0.53	5.5	3.37	14.00	1 : 1	156.74	179.27	47.27	65.75	4.04	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.22	0.02	0.97	1.81	1.50	1 : 1	1024.32	77.32	24.23	92.00	4.41	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.19	0.02	1.34	0.47	2.10	1 : 1	703.52	70.90	51.60	209.12	7.05	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	1.02	0	3.64	1.81	10.00	1 : 1	N/A	202.75	24.40	30.39	3.57	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.31	0.36	3.8	0.20	4.00	1 : 1	-15.05	13.42	91.25	135.45	12.26	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.01	0	0.55	0.73	2.49	1 : 1	N/A	354.55	38.21	5,469.68	55.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	0.96	0.87	5.2	0.30	4.44	1 : 1	10.51	3.85	36.30	30.00	5.42	26-Mar-20	15 of Jul
SWC-W1	2.68	0.56	3.72	2.33	1.00	1 : 1	375.93	-1.08	31.90	143.32	1.39	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.05	0	0.43	1.14	1.88	1 : 1.07	N/A	373.26	37.98	400.00	9.20	28-Jan-21	Last trading day of Dec
TCC-W3	0.05	0.01	0.22	2.31	0.81	1 : 1.23886	235.53	358.71	61.44	92.20	5.45	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.02	0.22	3.43	0.90	1 : 1.10801	120.59	369.17	61.44	369.34	4.88	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.14	0.11	0.22	8.46	0.50	1 : 1	32.95	190.91	61.44	98.41	1.57	24-May-28	Last trading day of Jul
TCJ-W2	0.35	N/A	3.8	0.49	9.80	1 : 1.02	N/A	170.55	26.03	31.53	11.07	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.58	0	4.16	0.44	9.50	1 : 1	N/A	142.31	50.60	510.81	7.17	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.07	3.78	0.50	1 : 1	-52.4	628.57	111.79	1,944.51	7.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.74	0.36	3.50	4 : 1	N/A	101.72	37.34	2,191.76	174.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.07	0	0.6	0.52	1.00	1 : 1	N/A	78.33	40.88	321.67	8.57	16-Jun-20	Last Trading of June
TNITY-W1	0.30	0.02	4	1.28	5.00	1 : 1	1889.27	32.50	16.79	97.28	13.33	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.10	0.07	0.3	1.47	0.25	1 : 1.00027	47.27	16.65	35.26	1,606.61	3.00	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.48	0.02	5.7	1.55	18.00	1 : 1	2030.73	224.21	40.68	112.00	11.88	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.22	0.07	1.02	1.32	1.00	1 : 1.002	194.01	19.45	25.84	162.48	4.65	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0	0.07	0.15	0.10	1 : 1	N/A	57.14	89.48	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.28	0	2.8	0.56	5.55	1 : 1	N/A	108.21	16.85	66.76	10.00	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.18	0.01	0.4	0.26	0.50	1 : 1	N/A	70.00	43.64	103.01	2.22	14-Mar-20	Last trading day of May, Nov
U-W4	0.01	0	1.87	3.27	6.00	1 : 0.01	N/A	2.21	39.46	141,895.49	1.87	15-Mar-23	Last trading day of Mar, June, Sept, Dec

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VGI-W2	1.67	1.27	9.5	2.76	10.00	1 : 1	31.4	22.84	24.85	1,661.33	5.69	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.85	0.78	1.8	0.52	1.00	1 : 1.00086	9.61	2.72	20.72	361.66	2.12	14-Jun-20	30th of Sep
VIBHA-W3	0.19	0.02	1.8	2.52	3.00	1 : 1.00086	858.08	77.12	20.72	1,011.62	9.48	14-Jun-22	30 Sep of each year
WAVE-W1	0.19	0	1.53	0.41	6.00	1 : 1	N/A	304.58	42.75	42.12	8.05	08-May-20	Last trading day of June, Dec
WHA-W1	7.90	6.38	4.04	0.24	3.42	1 : 10.2396	23.75	1844.67	20.69	79.06	5.24	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.14	0.01	1.31	2.07	4.22	1 : 1.185	1179.48	275.99	43.62	124.97	11.09	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.09	N/A	0.69	4.36	2.70	1 : 2	N/A	608.70	30.79	413.03	15.33	17-Apr-24	Last trading day of Mar, June, Sept, Dec